

# VA Master Person Index

## Service Description Document



Version 4.3

December 2020

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**Disclaimer: All SSNs contained in this document are not real. They are included for representation purposes only. No PII is being exposed.**

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## Revision History

Date	Version	Description	Author
02/22/2011	0.1	Initial Draft	Danny Reed/Patrick Kiboti
03/22/2011	0.1	Reformatted and modified the language in the Behavioral Models section 5.0. Incorporated feedback from the business.	Debi Vance
03/31/2011	0.1	Added an option to the Enterprise Passive pattern to Create an ICN.	Debi Vance
04/18/2011	0.1	<ul style="list-style-type: none"> <li>Update the MVI Consumers diagram in section 1.4</li> <li>Update section 2.1 with 17 million instead of 16 million, since we just flipped over 17 million and also re-worded the section</li> <li>Updated section 2.4 table</li> <li>Updated table in 4.2</li> <li>Updated the diagram in section 4.6</li> </ul>	Danny Reed
04/19/2011	0.1	Update based on Jeff's Feedback <ul style="list-style-type: none"> <li>Define Identifier Types</li> <li>Define MMN, POBS, POBS, BAI</li> <li>Renamed Person to Primary View</li> </ul>	Patrick Kiboti
05/16/2011	0.1	Technical edit – updated dates and table of contents. Left track changes on for other changes.	Irene Levine
06/10/2011	1.1	<ul style="list-style-type: none"> <li>Updated document version to 1.1 since the document was approved and baselined as per the IAM IPT meeting.</li> <li>Updated Scope to include information from development staff</li> <li>Updated 1309 example</li> <li>Add 1310 response examples</li> <li>Add section 10.0 FAQ</li> <li>Enhanced the details on the HL7v3.0 Header details interactionid area to include all of the extension ids</li> </ul>	Danny Reed
06/14/2011	1.2	<ul style="list-style-type: none"> <li>Updated document to include phone and MBI on 1301 (Add Person) and 1302 (Update Person)</li> <li>Updated document to include SSN Verification status on 1301 (Add Person) and 1302 (Update Person)</li> </ul>	Danny Reed
06/21/2011	1.2	Edited cover page and footers.	ILevine
06/29/2011	1.2	Read and made minor edits to document. Removed Footer from Title page. Ran Spelling & Grammar check. Prepared document for creating a Section 508 compliant PDF.	Donnie Canham
07/19/2011	1.3	Added a diagram in Section 2.1 to show VAAFI. Added a diagram on Security Section to show VAAFI	Patrick Kiboti

08/26/2011	1.4	<ul style="list-style-type: none"> <li>• Changed all references to IdM Service to MVI Service</li> <li>• Changed all references to MVI service to MVI Service</li> <li>• Changed all function to operation</li> </ul>	Danny Reed
09/20/2011	1.5	<ul style="list-style-type: none"> <li>• Modified section 1.4 Reference to specify the reference document for MPI is for HL7 v2.4</li> <li>• Updated Current Service Status and added Update Person [Unlink] and Update Person Notifications. Changed release date to May 2012</li> <li>• Added clarification on MVI Interface section that the operations are Single Patient Centric</li> <li>• Added Interface Description</li> <li>• Updated Technical Specification (section 4.2)</li> <li>• Removed reference for Register Interest in Person Under Decentralized Hybrid</li> </ul>	Patrick Kiboti
09/28/2011	1.6	<p>Updated the document based on internal review</p> <ul style="list-style-type: none"> <li>• Added a section regarding testing and sign off from business partners</li> <li>• Added an embedded “Standard Process for MVI Integration via VAAFI</li> <li>• Spelled out VAAFI</li> <li>• Added new URLs for VAAFI Integration</li> <li>• Updated the diagram in section 9.2 – Security</li> </ul>	Patrick Kiboti
09/30/2011	1.6	Converted updated document and all images to a Section 508 compliant PDF for posting in TSPR Identity Services Project Notebook Web page under the heading “Product Architecture ---- Product Architecture Document.”	Donnie Canham
10/19/2011	1.7	MVI CR 704 – Updated the document to change the release timeline for FindCandidate (Unattended)	Patrick Kiboti
11/10/2011	1.8	Updated the URL references in section 4.2	Danny Reed
12/08/2011	1.9	Added 1304 Transaction Information.	Daniel Lopez
12/09/2011	1.9	Added descriptive info for 1302 unlink and example request and response. Added Appendix for bad address indicator, code, and text.	Stephen Hayman
02/15/2012	2.0	Updated 1304 replacementOf code support. Corrected 1305 DOB example. Updated All HL7V3 Examples (Sender) Updated HL7V3 1305 Examples	Daniel Lopez

04/12/2012	2.1	<p>MVI CR 1290 – Updated the Service Description for Increment 7 release</p> <ul style="list-style-type: none"> <li>*Updated the figure for MVI Consumers to add newly integrated applications</li> <li>*Removed the Proxy Add to DoD operations from the Service Information</li> <li>*Updated the release of Update Person Notification</li> <li>*Added Date of Death, Address and Phone to the Primary View</li> <li>*Removed the option to store ICN on Enterprise Aggregate</li> <li>* Modified the Sequence Diagram for Implicit Add to remove the Find Candidate</li> <li>* Added the Update Person Sequence Diagram</li> </ul>	Patrick Kiboti
04/19/2012	2.2	<ul style="list-style-type: none"> <li>* Revised HL7V3 Samples</li> <li>* Added alias name/maiden name codes.</li> <li>* Added date of death information.</li> </ul>	Daniel Lopez
04/19/2012	2.3	Removed “OtherIDs.scopingOrganization.id” from the 1305 example from 8.4.1 section that was misplaced within the LivingSubjectID section.	Daniel Reed
04/26/2012	2.4	<p>Updated description for sequence diagram to explain the reason the FindCandidate search is detailed out for the explicit add.</p> <p>Added Merge Operation on Service Description</p> <p>Removed the reference to relink in section 8.5. This is an internal implementation that should not be included in this outwardly facing consumer document.</p> <p>Replaced referenced to Mismatch with Move</p> <p>Added the MergePerson Sequence Diagram</p>	Danny Reed/ Patrick Kiboti
05/02/2012	2.5	<p>1301/1302 Recommended traits.</p> <p>Refined update profile verbage.</p>	Daniel Lopez
05/10/2012	2.5	Changed footer date from April to May in initial section. Added Alt text to all Figures. Re-ran TOC, TOF, and TOTs. Converted document and attachment to Section 508 compliant PDFs for updating in CC and adding the PDF to CQ, TSPR, and SharePoint. Updated embedded document entitled “Standard Process for MVI Integration via VAAFI.docx” to version created and embedded within this document on 12/06/2011.	Donnie Canham
06/29/2012	2.5	Added Composite Search details.	Mohamed Mokhtar, Susan Rhein
07/03/2012	2.6	Corrected VA OID Section 7.1.2	Daniel Lopez
09/07/2012	2.7	Corrected 1302 Sample	Daniel Lopez
10/18/2012		Prepared for ORR. Updated headers and footers.	
10/19/2012	2.7	As part of CR MVI 1290, read and edited document. Re-ran TOC and updated document in CC and TSPR.	Donnie Canham

01/18/2013	2.8	MVI CR 2033 – Update the Service Description *Updated the Enterprise Pattern – Combined Enterprise Passive and Active and made Enterprise Aggregate a separate pattern	Patrick Kiboti/ Danny Reed
03/06/2013	2.9	Simplified Sample Unlink Profile Request	Savita Garg/Daniel Lopez
03/25/2013	3.0	Added ROI/IPP values to 1302 message	Savita Garg/Daniel Lopez
04/05/2013	3.1	<ul style="list-style-type: none"> <li>* Change all 1305 references to the processModeCode value from I to T and also in 1301, 1302 and 1304 from R to T. All references should be “T”</li> <li>* Removed all references to relink. If our consumers need to relink after an unlink event. It will have to perform again the initial Add Person (Add Correlation) event that established the correlation in the first place</li> <li>* Update section 2.4 to reflect latest status of operations deployed</li> <li>* Updated Figure 1 to reflect the latest MVI Consumer list</li> <li>* Updated section 4.2 to reflect the new VAAFI endpoints</li> <li>* Restructured section 7 to utilize the xpath notation instead of the table format</li> <li>* Restructured section 8.1 to utilize the xpath notation instead of the table format</li> <li>* Restructured section 8.2 to utilize the xpath notation instead of the table format</li> <li>* Restructured section 8.3 to utilize the xpath notation instead of the table format</li> <li>* Restructured section 8.5 to utilize the xpath notation instead of the table format</li> </ul>	Danny Reed
04/01/2014	3.2	Added dataEnterer to examples for 1304 link, merge, mismatch and 1302 unlink.	Stephen Hayman
04/08/2014	3.3	Sample System Identifiers Updated DataEnterer samples to include actor identifier.	Daniel Lopez

04/14/2014	3.3	<p>Updated the note in section 1.1 to further clarify that the HL7v2.4 interface is documented in the existing MPI Interface Specification document</p> <p>Section 2.1 updated the description to be more VA wide instead of VHA centric.</p> <p>Section 2.2 updated the operation for Proxy Add Person to include the Proxy Add Veteran Claimant (to add to VBA CORP and BIRLS)</p> <p>Section 5.3 updated to include fully qualified IDs</p> <p>***Orchestration (VBA scopingOrganization)</p> <p>Clarified add rules to include IDState of Temporary and Permanent (Section 8.2)</p> <p>Update section 8.4 to be xpath format</p> <p>Section 8.2, 8.4 and 8.5 to support ALIAS (Name and SSN)</p> <p>Added versionCode in section 7.1.2</p> <p>Added Race and Ethnicity information to the Add and Update detail sections.</p> <p>Added section 8.2.6 for Add Claimant</p> <p>Added section 8.4.9 for Orchestration Search unattended</p> <p>Updated section 5.5 and 8.4.7 to include all of the possible Orchestration IDStatus's</p> <p>Updated section 8.2.1 to include the reference to the attentionLine</p> <p>Enhanced section 8.2.6 to include additional wording</p> <p>Enhanced section 8.4.6 to support both unattended search and retrieve</p>	Danny Reed
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8/14/2015		<p>Consumers of this MVI operation will indicate a “TELEPHONY” algorithm in the matchAlgorithm stanza as shown below.</p> <pre>&lt;matchCriterionList&gt; &lt;matchAlgorithm&gt;   &lt;value xsi:type="ST"&gt;TELEPHONY&lt;/value&gt;   &lt;semanticsText&gt;Deterministic search&lt;/semanticsText&gt; &lt;/matchAlgorithm&gt; &lt;/matchCriterionList&gt;</pre> <p>The matchAlgorithm will direct and dictate what fields will be used and how/when they will be applied. The consumer will not have control on how the traits will be utilized. Pre-defined business rules will drive the exclusive fields/elements used in the new search. A new command will be created to perform all the specific operation logic; IdmTelephonySearchCommand and be routed to from the standard MVI IdmProfileSearchRequest code pattern.</p> <p>TELEPHONY: Trait Rules</p> <ul style="list-style-type: none"> <li>○ Look up by SSN or EDIPI</li> <li>○ If multiple identities found in MVI, return Not Found <ul style="list-style-type: none"> <li>▪ Note: EDIPI should NEVER return multiple actives.</li> </ul> </li> <li>○ If ONLY one Identity found <ul style="list-style-type: none"> <li>▪ Compare “Check/filter traits” against the single MVI record returned.</li> <li>▪ Check Traits: <ul style="list-style-type: none"> <li>• DOB</li> </ul> </li> </ul> </li> </ul> <p>MVI score marker will be not be returned, as they only apply to a Probabilistic type search.</p> <p>Added a reference to SOI (System of Interest) Registration</p> <p>Also need to add reference to CP&amp;E SPONSOR and BENE IDs</p>	
12/1/2014	3.4	Change EDIPI idtype reference on page 69 and 111 from PN to NI	
		<p><b>New example messages that are fully populated</b></p> <p>Document IIPT</p> <p>Document DateOfDeath</p> <p>Document SSA Verification Status</p>	

		<p><b>Updated section</b></p> <p>Service Identification - to include Search for Person (Telephony)</p> <p>Current Service Status – to include implementation dates for Proxy Add Claimant and Telephony Search</p>	Patrick Kiboti
10/14/2015		<p>Updated the Primary View and Correlation Traits to include</p> <ul style="list-style-type: none"> <li>• LOA (PV and Correlation)</li> <li>• SSN Verification Date (Correlation)</li> <li>• SSN Process Date (Correlation)</li> </ul>	Patrick Kiboti
09/01/2016	3.5	Updated to include Retrieve Relationship	Patrick Kiboti/Daniel Lopez
02/14/2016`	3.6	Updated the Search, Retrieve, Add and Update message to show the Date of Death attributes	Patrick Kiboti
10/19/2017	3.7	Updated to include Date of Death elements	Patrick Kiboti/Danny Reed
05/04/2018	3.8	<p>Updated to include Position Handle and Investigation data elements</p> <p>Updated the descriptions for 8.3.2 and 8.3.6</p> <p>Need to follow up on Phone# length to support foreign phone value</p> <p>Update search section to include reference for MVI_REGISTRATION</p> <p>Added Version code 4.1</p> <p>This new version also brings in a new correlation status of “L” local merge pending also documented in several sections. This is primarily to support VBA CORP many dups but could be used by other systems to mark 1 active and others a pending merge so that users only use the active one while they work on resolving the dups.</p> <p>Updated the religion table in section 6.4 that had a typo that combined ROMAN CATHOLIC CHURCH and JUDAISM</p>	<p>Patrick Kiboti</p> <p>Danny Reed</p>



July 2018	3.9	<ul style="list-style-type: none"> <li>Update IIT to include V3 and V4</li> <li>Update Data Model to reference Gender as Birth Sex (no changes to the interface definition because the standard uses AdministrativeGender)</li> <li>Person Type***need to change in add, retrieve, update details?***</li> <li>Preferred Name</li> </ul> <p>Updated reference for pairing of a DEA to sched_Narcotic and detox number. In section 8.2.1, 8.2.5.2, 8.5.1 and 8.5.7</p> <p>Added the following note in the reference to sending legal name</p> <p>*** Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor &lt;given nullFlavor="NA"/&gt;</p>	
	4.0	<p>Danny,</p> <p>Version 3.9 of the Service Description Document lists the scores below for Match and Potential Duplicate. Should these be updated to 132 and 120 respectively? If so, can you put those changes on the list for the next version? Also, the date in the footer in the SDD has not kept up-to-date with the changes.</p>	
January 2020	4.0	<p>Removed unused Person Types</p> <p>Added support for exchanging Caregivers with DoD</p>	Patrick Kiboti
02/19/2020	4.0	<p>Updated Relationship Samples (Add, Update, Retrieve)</p> <p>Added Salesforce ID for Caregivers</p>	Daniel Lopez
05/04/2020	4.1	<p>Updated with new VBMS request to pass user information</p> <p>Updated DataEnterer</p> <p>Added a new section for consumer to send Merge Notification to MVI</p>	Patrick Kiboti
09/01/2020	4.1	<p>Added a note that Consumer should ensure processingCode="P" is sent for production environment</p>	Patrick Kiboti
12/01/2020	4.2	<p>Updated the reference for PN on Identifier Type to Person Number</p>	Patrick Kiboti
12/17/2020	4.3	<p>Added the reference in 1301, 1302 and 1305 supporting Province if the Country is not USA</p>	Patrick Kiboti



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# 1.0 Introduction

## 1.1 Purpose

The purpose of this document is to describe the interactive interfaces to and from the VA Master Person Index (VA MPI) Service. This document is intended to be a technical integration guide for those resources within the Department of Veteran Affairs (Veteran Health Administration [VHA], Veteran Benefits Administration [VBA], National Cemetery Administration [NCA]) and Department of Defense [DoD] Defense Enrollment Eligibility Reporting System (DEERS) that must interface with the VA MPI Service to support Identity Management processes. This document contains a high level overview of the VA MPI Service and service interfaces as well as low level communication and message payload structures and definitions.

All communications to the VA MPI Service **MUST** be authorized and verified by the IdM Group. Each consumer is required go through the IAM Governance process to be prioritized for analysis of their AS-IS and expectations for the TO-BE integration with VA MPI. The outcome of the governance process will be a signed RSD outlining the “to-be” integration pattern and identification of the VA MPI Service operations that will be performed/utilized by the consumer of the service. Once that is complete then the consuming application development team should:

1. Analyze the iRSD and build upon the SDD with specific consumer app/system changes to support the IdM requirements.
2. Develop code
  - a. Consuming applications may be required to have an IdM Code Review, depending on the complexity of the interactions.
3. Register with Development IdM staff and environment.
  - a. Specific sender codes may be provided.
4. Schedule integrated development testing with IdM.

## 1.2 Scope

The scope of this service description is to provide a high level and low level definition of the VA MPI Services and interfaces. The VA MPI Service interfaces provide point-to-point interactions with consuming applications using:

- Hyper Text Transfer Protocol Secure (HTTPS)
- Minimal Lower Level Protocol (MLLP)

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**NOTE:** The existing interfaces using VHA HL7 v2.4 is covered in the existing MPI HL7 Interface Specification document.

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## 1.3 Business Policies

The following regulations and laws are applicable to identity management

applications:

- VA Identity Management Policy, VAIQ 7011145, June 28, 2010
- VHA Directive 2009-021 Data Entry Requirements for Administrative Data
- VHA Directive 2006-036 Data Quality Requirements for Identity Management and the Master Patient Index Functions
- VHA Directive 2007-037 Identity Authentication for Health Care Services
- VHA Handbook 1050.01 National Patient Safety Improvement Handbook
- VHA Handbook 1907.1 Health Information Management and Health Records
- VHA Handbook 1907.05 Repair of Catastrophic Edits to Patient Identity
- Joint Commission National Patient Safety Goals- Goal 1- Improve the accuracy of patient identification

## 1.4 References

Reference Document	Owner Office/Agency	Web Link to Source Document
MASTER PATIENT INDEX/PATIENT DEMOGRAPHICS (MPI/PD)  HL7 v2.4 INTERFACE SPECIFICATIONS	Master Patient Index	<a href="http://www.va.gov/vdl/application.asp?appid=16">http://www.va.gov/vdl/application.asp?appid=16</a>
MLLP	Master Patient Index	<a href="http://www.va.gov/vdl/application.asp?appid=16">http://www.va.gov/vdl/application.asp?appid=16</a> MPI HL7v2.4 Interface Specification Document
SOAP VA MPI Web Service	Master Veteran Index	<b>**Follow up**</b>  See the <a href="#">VA Master Veteran Index Request Summary.pdf</a>
HC IdM Data Quality Business Guidance	HC IdM	<a href="http://vaww.vhaco.va.gov/dataquality/identitymgmt.htm">http://vaww.vhaco.va.gov/dataquality/identitymgmt.htm</a> <b>***Follow up**</b>



## **2.0 Service Information**

This section defines the service so that it can be managed, identified and governed.

### **2.1 Service Description**

The VA MPI is a database that holds over 40 million unique person identity entries, populated from all VA line of business (VHA, VBA and NCA) systems. The VA MPI matches/links system records together across the VA systems. The VA MPI also establishes a unique Enterprise Identifier for each of the VA unique person of interest records; the identifier is called Integration Control Number (ICN).

The following diagram illustrates the current and projected users for the VA MPI Service:

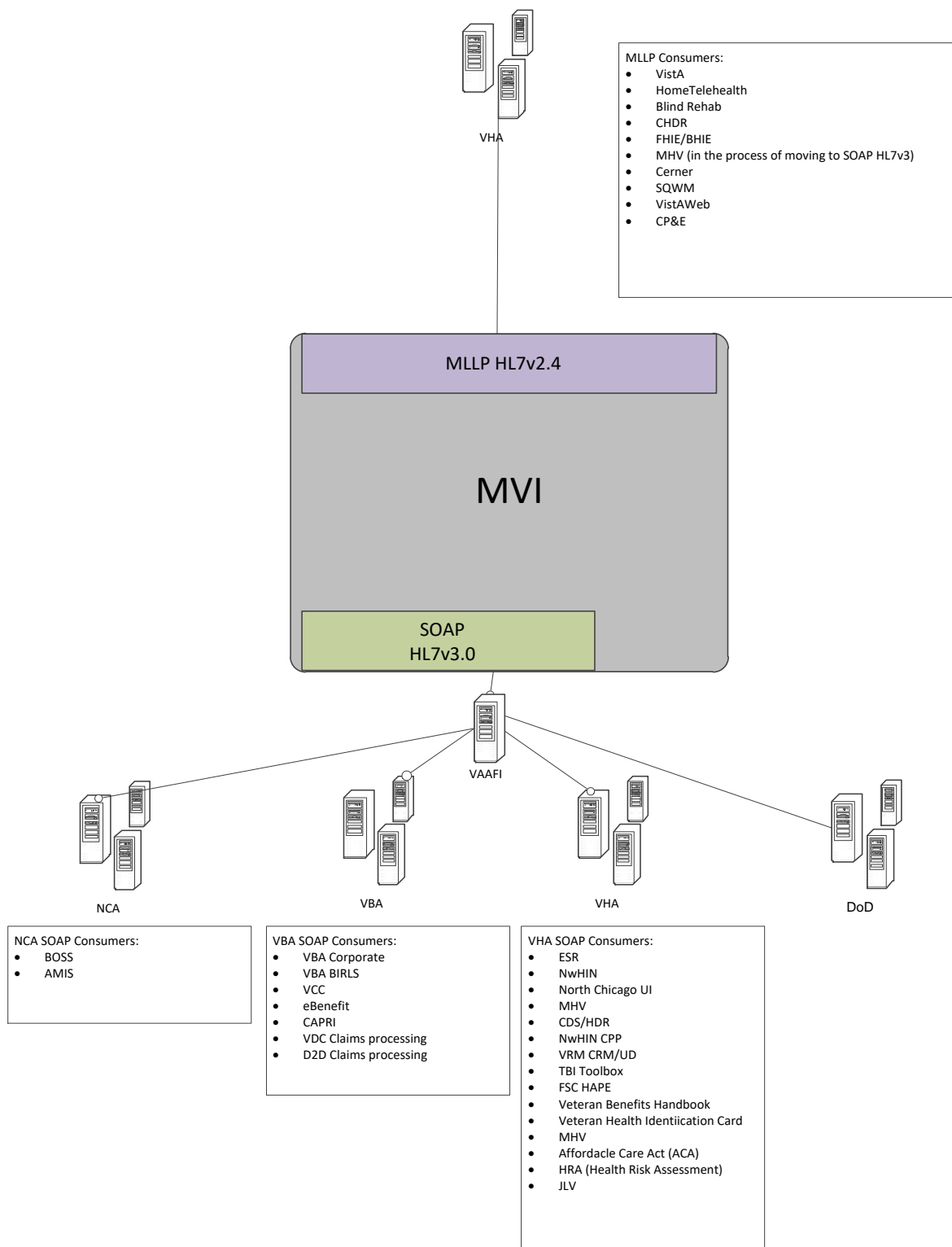
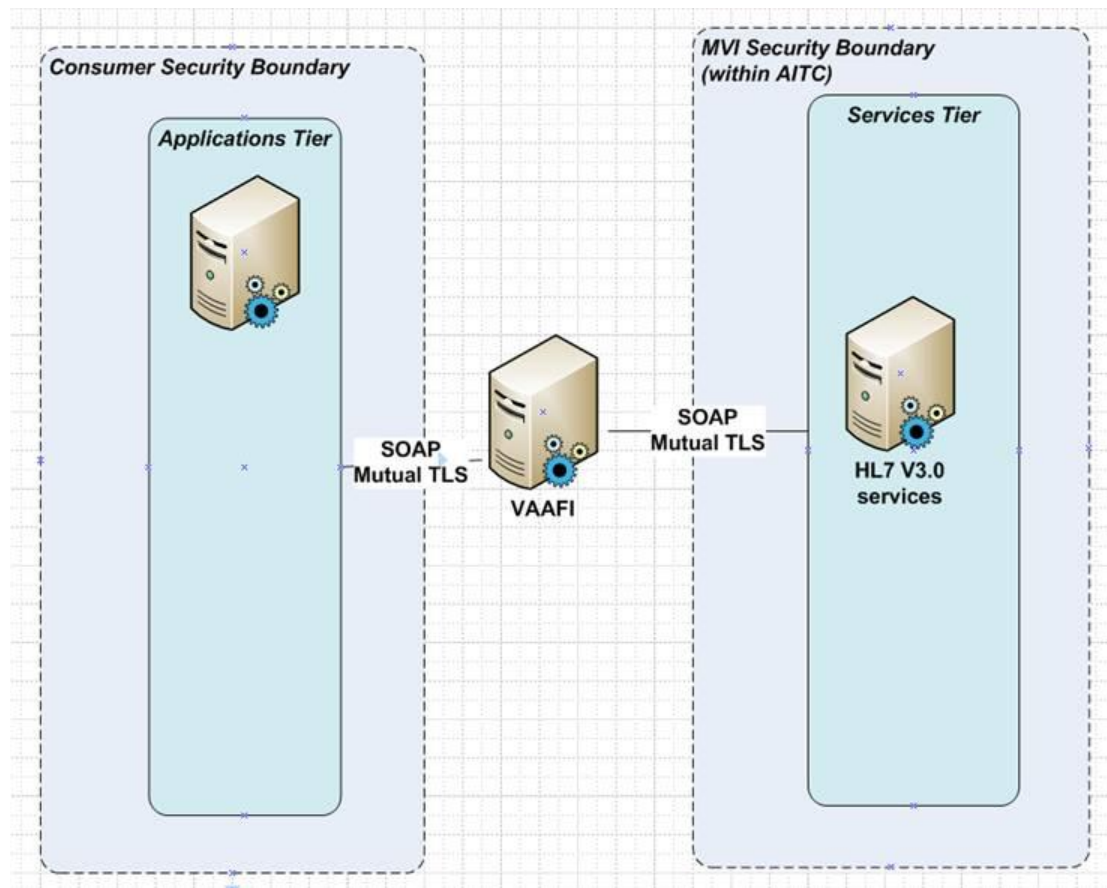


Figure 1 VA MPI Consumers

The following diagram shows the integration with VA MPI through Veterans Affairs Authentication Federation Infrastructure (VAAFI).



## 2.2 Service Identification

Item	Details
Service Name/Purpose	<ol style="list-style-type: none"> <li>1) Add Person (PRPA_IN201301UV02) – This operation allows the VA MPI consumer to request the creation of a new person identity record. <ol style="list-style-type: none"> <li>a. Add Correlation</li> <li>b. Add Person (implicit add with the search)</li> <li>c. Add Person (explicit with no search)</li> <li>d. Proxy Add Person <ol style="list-style-type: none"> <li>i. To VistA (used by the VHA ESR application to initiate an add to the Preferred Facility)</li> <li>ii. To VBA DBs (adds to VBA CORP and BIRLS)</li> </ol> </li> </ol> </li> </ol>

	<p>2) Update Person (PRPA_IN201302UV02) – This operation allows the consuming application to update the person identity record. This operation is also used to unlink a correlation from and to an ICN.</p> <p>a. Unlink – Unlink a Correlated ID</p> <p>3) FindCandidate (PRPA_IN201305UV02) – This operation allows the consuming application to query the VA MPI for the person identity based on a set of submitted identity traits or correlated identifier:</p> <p>a. Attended</p> <p>b. Unattended</p> <p>c. Retrieval</p> <p>d. Register Interest</p> <p>e. Telephony Search</p> <p>4) GetCorrespondingIDs (PRPA_IN201309UV02) – This operation allows the consuming application to submit an identifier to the VA MPI and receive back all identifiers associated with the submitted identifier.</p> <p>5) MergePerson (PRPA_IN201304UV02) – This operation supports merging of two local Source IDs, Resolution of duplicate Source IDs, moving or mismatch Id from one ICN to another.</p> <p>a. Link – Resolution of Duplicate Record</p> <p>b. Move – Move Mismatch Record</p> <p>c. Merge – Resolution of local Duplicate Record</p>
<b>Business Domain</b>	Veterans Relationship Management (VRM)
<b>Business Owner</b>	Veterans Relationship Management (VRM) IPT
<b>Development Owner</b>	Office of Product Development
<b>Support Owner</b>	Office of Product Development
<b>Technical Owner</b>	Office of Product Development
<b>Service Classification</b>	Entity Service
<b>Service Authority Level</b>	Enterprise

## 2.3 Service Process and Governance

The IdM Enterprise Requirements are located in the RequisitePro repository at ([http://vhaishwebr1.vha.med.va.gov:81/ReqWeb/Login\\_Page.jsp](http://vhaishwebr1.vha.med.va.gov:81/ReqWeb/Login_Page.jsp)). The requirements describe the high level business/technical requirements that are levied on each integrated application/service/systems. The correct implementation of the requirements ensures that the integrity of the ICN and use of the VA MPI information is appropriately maintained.

Applications/service/systems must submit a request through the Identity and Access Management (IAM) Governance Process found at <http://vawww.iam.va.gov/>. Each application/service/system must be evaluated to determine which architectural

integration pattern is appropriate for integration with VA MPI. The architectural integration patterns are listed in section 6.1.

During the evaluation process, a subgroup organized by the IdM SubIPT will review the application/service/systems BRD(s) in order to produce a baseline RSD that will be provided to the project team. This RSD will levy specific software requirements that must be integrated into consuming application/service/system in order to be compliant with the VA MPI per the [June 2010 mandate memo](#) from Roger Baker, Assistant Secretary, Information and Technology, Department of Veterans Affairs.

Once the RSD is completed and approved, design and coding can begin. It is a requirement that all consumers go through a full set of testing phases with milestone sign-offs at each phase (Integrated – Development, SQA, and UAT with Identity Management and consumer business partner).

## 2.4 Current Service Status

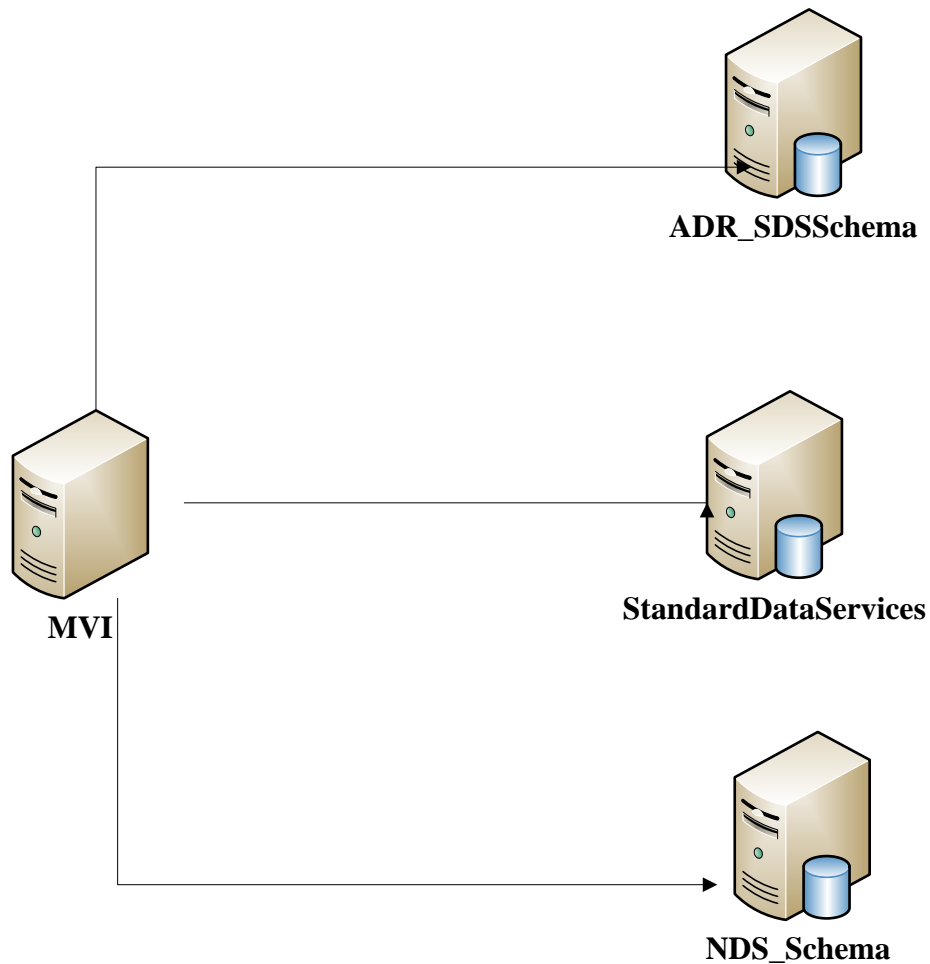
The following table shows the status of the VA MPI Services for HL7 v3.0 implementation.

Service State	Operation	Date
<b>Planned</b>		VA MPI i14 Sept 2015
<b>Provisioned</b>		
<b>Certified</b>		
<b>Published</b>	Add Person [Explicit Add with no Search] Add Person [Implicit Add with Search] Add Person [Add Correlation] Update Person Proxy Add a Person [to VistA] FindCandidate [Attended] FindCandidate [Retrieve] GetCorrespondingIDs	VA MPI i5 release June 2011
	FindCandidate [Unattended]	VA MPI i6 release November 2011
	Merge Person [Link] Merge Person [Move] Update Person [Unlink]	VA MPI i7 release May 2012
	Update Person Notifications Proxy Add Veteran Claimant FindCandidate [Unattended] FindCandidate (Telephony)	VA MPI i8 release Dec 2012 VA MPI i12 release July 2014 VA MPI i12 release July 2014 VA MPI i14 release July 2015
<b>Operational (deployed)</b>		
<b>Superseded</b>		
<b>Retired</b>		

Archived		
----------	--	--

## 3.0 Dependency Model

The following is the dependency model for the VA MPI service:



### 3.1 ADR\_SDSSchema

Standard Data Services (SDS) physically implements its data in the Administrative Data Repository (ADR). This schema is only accessible via the SDS service interface, described in 3.2. .

### 3.2 Standard Data Services

Standard Data Services (SDS) is an enterprise service that provides lookup (read-only) access to administrative data that is common to multiple applications across the VA. The data for SDS physically resides in the ADR\_SDSSchema. SDS provides a service

interface for access to common lookup tables used in VA information systems. Although the SDS uses the ADR for its repository, PSIM uses the SDS java client (service interface) to access these common data tables.

## 4.0 VA MPI Interface

This section describes the interface published by the VA MPI Service. All the operations provided by the VA MPI Service are Single Patient Centric. There is no batch capability to consumer VA MPI Services.

### 4.1 Interface Description

The VA MPI Service provides a set of operations for consumers. VA MPI Service does not validate consumer messages (XSD Validation). VA MPI expects each consumer to ensure the message complies with the HL7 v3.0 standards. Failure to comply could result in messages being rejected. VA MPI utilizes the **VA Authentication Federation Infrastructure (VAAFI)** security infrastructure to enforce I access and compliance policies. For more information on VAAFI and/or VA MPI VAAFI integration see the “Standard Process for VA MPI Integration via VAAFI.DOCX” document and also at <http://www.va.gov/EAUTH/>.



Standard Process  
for MVI Integration



## 4.2 Technical Specification

The technical specification allows developers of service consumers to locate and discover the service for run time consumption.

Consuming application **MUST** register with the VA MPI development team before invoking the URLs provided below.

For higher environment information please work with your integration PM to get approval and environmental connection specifics.

VA MPI		VAAFI	URL
Dev	INT		
VA MPI (HL7 v3.0) WSDL			<a href="http://ps-dev.commserv.healthvet.va.gov:8110/psim_webservice/IdMWebService?WSDL">http://ps-dev.commserv.healthvet.va.gov:8110/psim_webservice/IdMWebService?WSDL</a>
VA MPI (HL7 v3.0) WSDL			<a href="https://ps-dev.commserv.healthvet.va.gov:8957/psim_webservice/IdMWebService?WSDL">https://ps-dev.commserv.healthvet.va.gov:8957/psim_webservice/IdMWebService?WSDL</a>
VAAFI External			<a href="https://preprod.eauth.va.gov:8443/external/psim_webservice/dev/IdMWebService">https://preprod.eauth.va.gov:8443/external/psim_webservice/dev/IdMWebService</a>
VAAFI Internal			<a href="https://int.eauth.va.gov:9193/psim_webservice/dev/IdMWebService">https://int.eauth.va.gov:9193/psim_webservice/dev/IdMWebService</a>

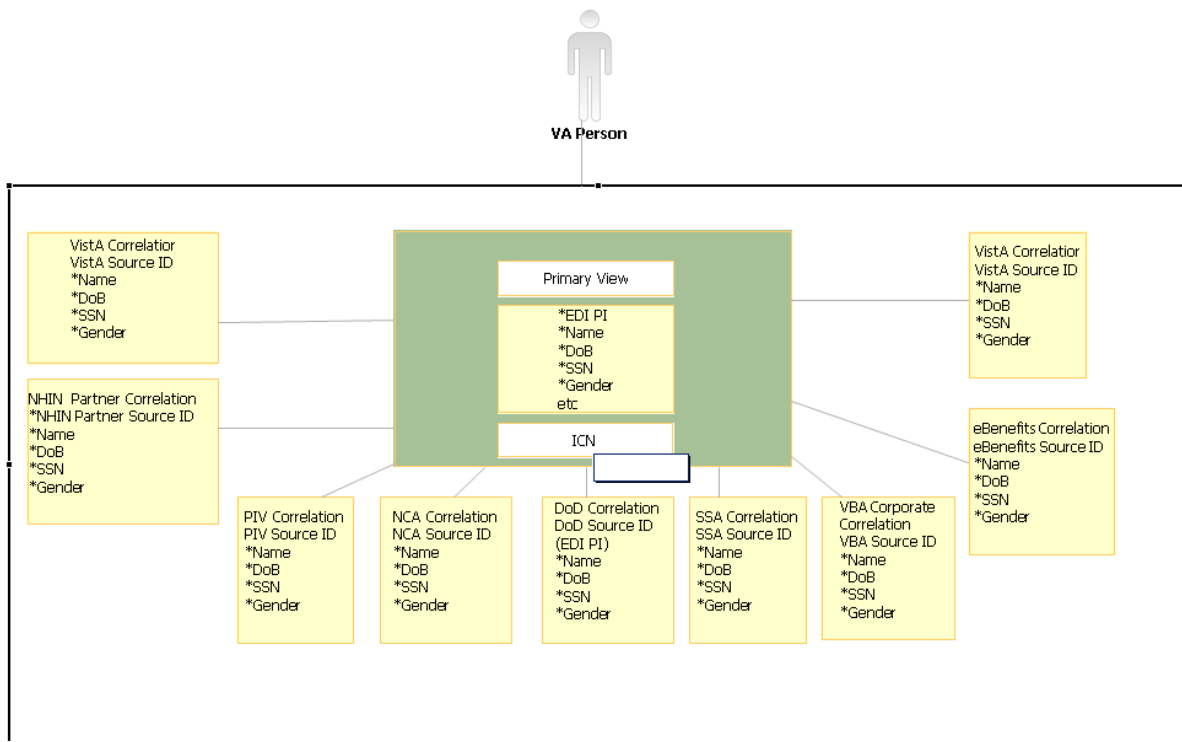
## 5.0 Information Model

The Information Model defines the data objects that the service provides as part of the message payloads and service contracts. These data objects are represented in logical class models shown below and are further detailed in the subsequent sections. These objects are not meant to define the physical model.

### 5.1 Primary View and Correlation Context Diagram

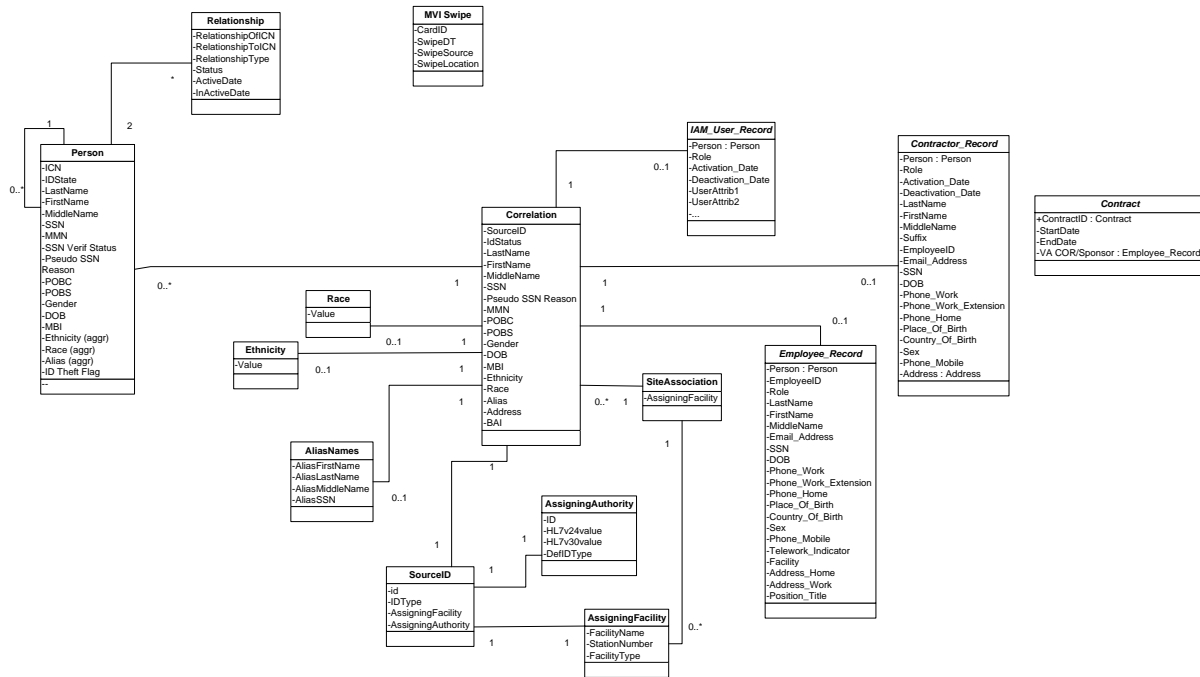
The **Primary View (PV) profile** is considered to be the enterprise “gold copy” of a person’s identity record. The PV is the best collection of traits known about an Identity among all the sites at the VA where that the person has been seen. The PV Profile is referenced in VA information systems by an associated ICN.

A **Correlation** is a person record containing a Source Id and a set of traits as known by the system.



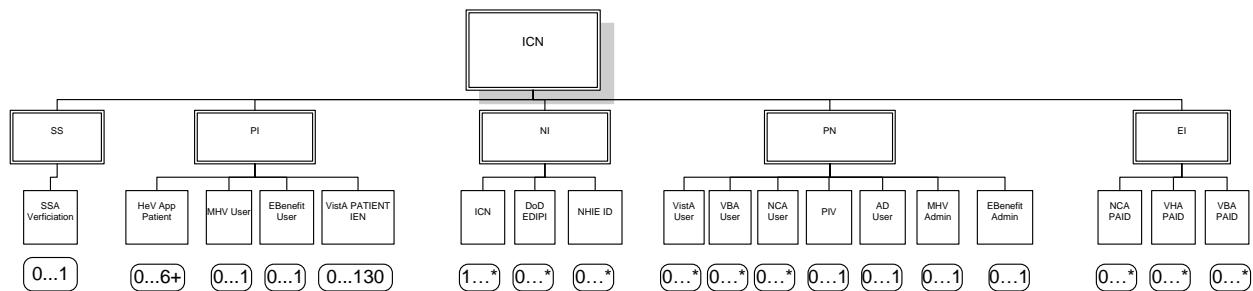
## 5.2 VA MPI Logical Person Diagram

The following is a logical diagram of the VA MPI Person model.



## 5.3 VA MPI Source Id Types

This model shows the VA MPI Source ID relationships.



- NI – National Identifier
- PI – Patient Identifier

- EI – Employee Identifier
- PN – Person Number
- SS – Social Security

## Fully Qualified IDs

### Sample Unique Identifiers

#### ICN Id

<id root="2.16.840.1.113883.4.349" extension="1008533405V377263^NI^200M^USVHA"/> OR  
 <id root="2.16.840.1.113883.4.349" extension="1008533405V377263^NI"/>

#### VA IAM Provisioning Security ID (SecId)

<id root="2.16.840.1.113883.4.349" extension="1000020007^PN^200PROV^USDVA"/>

#### DoD EDIPI Id

<id root="2.16.840.1.113883.3.42.10001.100001.12" extension="1234567890^NI^200DOD^USDOD"/>

#### CORP Id

<id root="2.16.840.1.113883.4.349" extension="123456^PI^200CORP^USVBA "/>

#### BIRLS Id

<id root="2.16.840.1.113883.4.349" extension="123456^PI^200BRLS^USVBA "/>

#### MHV User Id

<id root="2.16.840.1.113883.4.349" extension="123456^PI^200MHV^USVHA"/>

#### VHIC Card Id

<id root="2.16.840.1.113883.4.349" extension="123456^PI^742V1^USVHA"/>

#### VHA correlated systems Id

<id root="2.16.840.1.113883.4.349" extension="123456^PI^station#OfVHASystem^USVHA"/>

#### PIV Id

<id root="2.16.840.1.113883.4.349" extension="1234567890^EI^200PIV^USDVA"/>

#### VA AD

<id root="2.16.840.1.113883.4.349" extension="1234567890^EI^200AD^USDVA"/>

#### NwHIN ID

<id root="2.16.840.1.113883.4.349" extension="MC23265000^NI^200NWS^1.2.840.114350.1.13.60.3.7.3.688884.100^A"/>

#### CP&E Beneficiary ID

<id root="2.16.840.1.113883.4.349" extension="12345-1^PI^741^USVHA^A"/>

#### CP&E Sponsor ID

<id root="2.16.840.1.113883.4.349" extension="12345^PI^741^USVHA^A"/>

#### Cerner ID

<id root="2.16.840.1.113883.4.349" extension="12345^PI^200CRNR^USVHA^A"/>

#### CMS National Provider Index (NPI) ID

<id root="2.16.840.1.113883.4.6" extension="12345^NI^200ENPI^USDVA^A"/>

## ID.ME

<id root="2.16.840.1.113883.4.349" extension="12345^PN^200IDME^USDVA^A"/>

## USAccess PIV

<id root="2.16.840.1.113883.4.349" extension="12345^EI^200PUSA^USDVA^A"/>

## USA Staffing

<id root="2.16.840.1.113883.4.349" extension="12345^EI^200USTF^USDVA^A"/>

## VA Salesforce

<id root="2.16.840.1.113883.4.349" extension="12345^PI^200DSLF^USDVA^A"/>

## 5.4 Primary View

Attribute	Data Type	Comments	Service Reference
<b>ICN</b>	String	Generated ID 29char	Person
<b>ID Type</b>	value	National Identifier (NI) Patient Identifier (PI) Employee Identifier (EI) Person Number (PN)	MVI Source Id Types
<b>Assigning Authority</b>	String	Dynamic list	Person
<b>Assigning Facility</b>	Value		Person
<b>IDState</b>	Value	Permanent, Temporary, Deactivated	Person
<b>LastName</b>	String	Max 35	Person
<b>FirstName</b>	String	Max 25	Person
<b>MiddleName</b>	String	Max 25	Person
<b>Preferred Name</b>	String	Max 25	Person
<b>SSN</b>	Numeric	9	Person
<b>SSN Verification</b>	Value	0 – New Record 1 – In Process 2 – Invalid per SSA 3 – Re-send to SSA 4 – Verified	Person
<b>Pseudo SSN Reason</b>	Value	R – Refused to provide S – SSN Unknown/Follow up required N – No SSN assigned	Person
<b>Self Identified Gender</b>	Value	M Male F Female TM Transmale/Transman/Female-to-Male	Person

		TF Transfemale/Transwoman/Male-to-Female O Other I individual chooses not to answer	
<b>SSA Verification Status</b>	Value	1 - SSN not in SSA file (impossible SSN/never issued to anyone; OR NO SSN found if all 000's submitted). 2 - Name and DOB match, sex code does not. 3 - Name and sex code match, DOB does not 4 - Name matches, sex code and DOB do not. 5 - Name does not match, DOB and sex code not checked. V - SSN is verified on name, DOB, and sex code. SSN Verification Status	Person
<b>Interoperability Identity Person Type (IIPT)</b>	Value	V1 - Veteran (per VA) V2 - VA Beneficiary V3 – Military Person but not Veteran V4 – Non-military person	Person
<b>Identity Level of Assurance</b>	Value	1 – Received an identity to add or update with no supporting documentation 2 - Received an identity to add or update that is supported by I9 identity documentation	Person
<b>Prefix</b>	String	10	Person
<b>Suffix</b>	String	10	Person
<b>Mothers Maiden Name (MMN)</b>	String	2 – 35	Person
<b>Place of Birth City (POBC)</b>	String	2 – 20	Person
<b>Place of Birth State (POBS)</b>	Value	FIPS Code Province if the Country is not USA	State
<b>Birth Sex (formerly Gender)</b>	Value	Male, Female	Person
<b>Date of Birth (DOB)</b>	Date	Date	Person
<b>Multiple Birth Indicator (MBI)</b>	Value	N, Null, Y	Person
<b>Identity Theft</b>	Value	0 – No 1 – Yes Null	Person
<b>Alias</b>	String	Multiples	Alias
<b>Date of Death</b>	Date	Date	
<b>Date of Death attributes Verification Status</b>	Value	Verified Pending Null/Blank	Person



<b>“LOA”</b>		3 – High confidence 4 – very high confidence	
<b>Person Type</b>	Value	See attributes below	Person

### Person Type Details

Data Reference	Reference type	Type Code	Type display	Subtype	Subtype display	Data table reference
<b>Person Type</b>	Value	VET	Veteran			Person
		PAT	Patient			
		CON	Contractor			
		EMP	Employee			
		HPT	Healthcare Professional Trainee			
		CG	Caregiver	P	Primary	
		CG	Caregiver	S	Secondary	
		CG	Caregiver	G	General	

## 5.5 Correlation

Attribute	Data Type	Comments	Service Reference
<b>Source ID</b>	String	150 max	Correlation
<b>ID Type</b>	value	National Identifier (NI) Patient Identifier (PI) Employee Identifier (EI) Person Number (PN)	Correlation
<b>Assigning Authority</b>	String	Dynamic list	Correlation
<b>Assigning Facility</b>	Value		Correlation
<b>IDStatus</b>	Value	A-Active D-Deprecated from a Duplicate M-Deprecated from a Mismatch U-Deprecated from an Unlink H-Deprecated from a Local Merge L-Local merge pending PCE - Pending Cat Edit correlations C – Cerner Converted	Correlation



		<p>IDSTATUS specific to transaction Orchestration:</p> <p>POT - (Orchestration/Search) External system identifier categorized as a potential match.</p> <p>NF - (Orchestration/Search) External system did not have a match.</p> <p>ERROR - (Orchestration/Search) External system is unavailable. (Indicator that external service to VA MPI is in an ERROR state.)</p> <p>TIMEOUT - (Orchestration/Search) External system timeout. (Indicator that external service to VA MPI did not respond within the allotted time.)</p> <p>FAULT - (Orchestration/Search) External system returned a fault message. (Indicator that external service to VA MPI rejected the transaction.)</p> <p>UNKNOWN - (Orchestration/Search) External system returned an unexpected response VA MPI will default the IDStatus to UNKNOWN.</p>	
<b>LastName</b>	String	Max 25	Correlation
<b>FirstName</b>	String	Max 25	Correlation
<b>MiddleName</b>	String	Max 25	Correlation
<b>Preferred Name</b>	String	Max 25	Person
<b>SSN</b>	Numeric	9	Correlation
<b>SSN Verification</b>	Value	0 – New Record 1 – In Process 2 – Invalid per SSA 3 – Re-send to SSA 4 – Verified	Correlation
<b>Pseudo SSN Reason</b>	Value	R – Refused to provide S – SSN Unknown/Follow up required N – No SSN assigned	Correlation
<b>SSA Verification Status</b>	Value	1 - SSN not in SSA file (impossible SSN/never issued to anyone; OR NO SSN found if all 000's submitted). 2 - Name and DOB match, sex code does not. 3 - Name and sex code match, DOB does not 4 - Name matches, sex code and DOB do not. 5 - Name does not match, DOB and sex code not checked. V - SSN is verified on name, DOB, and sex code. SSN Verification Status	Correlation
<b>SSA Verification Date</b>	Date	Date	Correlation
<b>SSA Verification Status</b>	Date	Date	Correlation
<b>Interoperability Identity Person Type</b>	Value	V1 - Veteran (per VA) V2 - VA Beneficiary V3 – Military Person but not Veteran	Correlation

<b>(IIPT)</b>		V4 – Non-military person  D1 – Active Military (Current) D2 - Retiree D3 - DOD Family member D4 - DOD civilian D5 - DOD Associate for ID card or clearance D6 - VA Sourced person*** D7 - Prior DoD Person D8 - Non DoD Person	
<b>Mothers Maiden Name (MMN)</b>	String	2 – 35	Correlation
<b>Place of Birth City (POBC)</b>	String	2 – 20	Correlation
<b>Place of Birth State (POBS)</b>	Value	FIPS Code <b>Province if the Country is not USA</b>	State
<b>Place of Birth Country</b>	Value	ISO 3166-3	<a href="http://www.iso.org/iso/country_codes.htm">http://www.iso.org/iso/country_codes.htm</a>
<b>Multiple Birth Order</b>	Value		Correlation
<b>Birth Sex (formerly Gender)</b>	Value	Male, Female	Correlation
<b>Date of Birth (DOB)</b>	Date	Date	Correlation
<b>Multiple Birth Indicator (MBI)</b>	Value	N, Null, Y	Correlation
<b>Ethnicity</b>	Value	0000-0 – Declined to Answer 2135-2 – Hispanic or Latino 2186-5 – Not Hispanic or Latino 9999-4 – Unknown by Patient	Correlation
<b>Race</b>	Value	1002-5 - American Indian or Alaska Native 2054-5 - Black, or African American 2028-9 - Asian 2076-8 - Native Hawaiian or Other Pacific Islander 2106-3 - White 2131-1 – Other Race	Correlation
<b>Bad Address Indicator (BAI)</b>	Value	1 – Undeliverable 2 – Homeless 3 – Other 4 – Address not found	Correlation

Alias	String	Multiples	Correlation
<b>Address</b> <b>Line 1</b> <b>Line 2</b> <b>Line 3</b> <b>City</b> <b>State</b> <b>ZIP</b>	String String String String Value String	3 – 35 3 – 30 3 – 30 3 – 28 From State File 6-11	Correlation
<b>Phone Number</b>	String	Max 4 – 23	Correlation
<b>Marital Status</b>	Value	D – Divorced M – Married N – Never Married S – Separated W – Widow /Widower U – Unknown	Correlation
<b>Religious Preference</b>	Value	0 ROMAN CATHOLIC CHURCH 1 JUDAISM 2 EASTERN ORTHODOX 3 BAPTIST 4 METHODIST 5 LUTHERAN 6 PRESBYTERIAN 7 UNITED CHURCH OF CHRIST 8 EPISCOPALIAN 9 ADVENTIST 10 ASSEMBLY OF GOD 11 BRETHREN 12 CHRISTIAN SCIENTIST 13 CHURCH OF CHRIST 14 CHURCH OF GOD 15 DISCIPLES OF CHRIST 16 EVANGELICAL COVENANT 17 FRIENDS 18 JEHOVAH’S WITNESSES 19 LATTER DAY SAINTS 20 ISLAM 21 NAZARENE 22 OTHER 23 PENTECOSTAL 24 PROTESTANT 25 PROTESTANT, NO DENOMINATION 26 REFORMED 27 SALVATION ARMY 28 UNITARIAN-UNIVERSALISM 29 UNKNOWN/NO PREFERENCE 30 NATIVE AMERICAN 31 ZEN BUDDHISM 32 AFRICAN RELIGIONS	Correlation

		33 AFRO-CARIBBEAN RELIGIONS	
		34 AGNOSTICISM	
		35 ANGLICAN	
		36 ANIMISM	
		37 ATHEISM	
		38 BABI & BAHA'I FAITHS	
		39 BON	
		40 CAO DAI	
		41 CELTICISM	
		42 CHRISTIAN (NON-SPECIFIC)	
		43 CONFUCIANISM	
		44 CONGREGATIONAL	
		45 CYBERCULTURE RELIGIONS	
		46 DIVINATION	
		47 FOURTH WAY	
		48 FREE DAISM	
		49 FULL GOSPEL	
		50 GNOSIS	
		51 HINDUISM	
		52 HUMANISM	
		53 INDEPENDENT	
		54 JAINISM	
		55 MAHAYANA	
		56 MEDITATION	
		57 MESSIANIC JUDAISM	
		58 MITRAISM	
		59 NEW AGE	
		60 NON-ROMAN CATHOLIC	
		61 OCCULT	
		62 ORTHODOX	
		63 PAGANISM	
		64 PROCESS, THE	
		65 REFORMED/PRESBYTERIAN	
		66 SATANISM	
		67 SCIENTOLOGY	
		68 SHAMANISM	
		69 SHIITE (ISLAM)	
		70 SHINTO	
		71 SIKISM	
		72 SPIRITUALISM	
		73 SUNNI (ISLAM)	
		74 TAOISM	
		75 THERAVADA	
		76 UNIVERSAL LIFE CHURCH	
		77 VAJRAYANA (TIBETAN)	
		78 VEDA	
		79 VODOO	
		80 WICCA	
		81 YAOHUSHUA	
		82 ZOROASTRIANISM	
		83 ASKED BUT DECLINED TO ANSWER	

<b>Date of Death</b>	Date	Date	Correlation
<b>Person Type</b>	Value	VET = Veteran PAT = Patient CON = Contractor EMP = Employee HPT = Healthcare Professional Trainee	Person
<b>Date of Death attributes Verification Status</b>	Value	Verified Pending Null/Blank	Correlation
<b>Entered Date/ Date Last Updated</b>	Date	Date	Correlation
<b>Entered By/ Updated By</b>	String	UserID^First^Last^middle^suffix	Correlation
<b>Source of Notification</b>		<ul style="list-style-type: none"> <li>• VAMC Inpatient Death</li> <li>• Spouse/Next of Kin/Other Person</li> <li>• NCA</li> <li>• Corp</li> <li>• SSA DMF</li> <li>• EVVE Query</li> </ul> <p>The following values are additional historical VistA Source of Notification</p> <ul style="list-style-type: none"> <li>• NON-VA MEDICAL FACILITY</li> <li>• DEATH CERTIFICATE ON FILE</li> <li>• VA INSURANCE</li> <li>• SSA</li> <li>• NCA</li> <li>• OTHER</li> </ul>	Correlation
<b>Supporting Document Short Name</b>		<ul style="list-style-type: none"> <li>• VAMC EHR Inpatient Death</li> <li>• Death Certificate</li> <li>• State Public Record of Death</li> <li>• Coroner's Report</li> <li>• Death Certificate US Govt</li> <li>• Clinical Summary US Govt</li> <li>• Official Report Uniformed Service</li> <li>• NonUS Death US Consular Report of Death</li> <li>• NonUS Death Public Record Authenticated</li> <li>• NonUS Death Civilian Employee Official Report</li> <li>• No Other 38 CFR Documentation Affidavit Provided</li> <li>• No Other 38 CFR Documentation Official Finding</li> <li>• No Other 38 CFR Documentation Other Federal Agency Finding</li> <li>• Unexplained Absence 38 CFR § 3.212 Criteria Met</li> </ul>	Correlation

		<ul style="list-style-type: none"> <li>• NCA Electronic File</li> <li>• SSA DMF</li> <li>• Military Personnel Sources</li> <li>• Beneficiary Support Tool</li> <li>• EVVE Certification</li> </ul>	
<b>Claim Number</b>	String	7 – 9 Characters	Correlation
<b>E-mail Address</b>	String	3 – 50 Characters	Correlation
<b>ROI Indicator</b>	Value	0 – No 1 – Yes	Correlation
<b>Level of Assurance</b>	Value	1 - NO CONFIDENCE 2 - CONFIDENT 3 - HIGH CONFIDENCE 4 - VERY HIGH CONFIDENCE	Correlation
<b>Date Last Treated</b>			Correlation
<b>Pending Catastrophic Edit Status</b>	Value	P – PENDING; A – ACCEPTED; R – EJECTED; C – CATASTROPHIC EDIT REJECT; N – NON-CATASTROPHIC EDIT REJECT; AC – CATASTROPHIC EDIT ACCEPT; AN – NON-CATASTROPHIC EDIT ACCEPT;	Correlation
<b>Event Reason</b>			Correlation
<b>Self Identified Gender</b>	Value	M Male F Female TM Transmale/Transman/Female-to-Male TF Transfemale/Transwoman/Male-to-Female O Other I individual chooses not to answer	Correlation
<b>Proofing Level of Assurance = “LOA”</b>	Value	1 – Little or No confidence 2 – Some confidence 3 – High confidence 4 – very high confidence	Correlation
<b>Patient Type</b>	Value	1 - ACTIVE DUTY 2 - ALLIED VETERAN 3 - COLLATERAL 4 - EMPLOYEE 5 - MILITARY RETIREE 6 - NON-VETERAN (OTHER) 7 - NSC VETERAN 8 - SC VETERAN 9 - TRICARE	Correlation
<b>Veteran Flag</b>	Value	Y - Yes N - No	Correlation

Service Connected	Value	Y - Yes N - No	Correlation
----------------------	-------	-------------------	-------------

## 5.6 Relationship

Attribute	Data Type	Comments	Service Reference
Qualifier ICN	String	Generated ID 29char	Person
Target ICN	String	Generated ID 29char	Person
Type	Value	HCP = Health Care Proxy PR = Personal Representative CGP = Caregiver Primary CGS = Caregiver Secondary CGG = Caregiver General	Relationship
Status	Value	Pending Active Inactive Decline Terminated	Relationship
Activation Date	Date	Date	Relationship
InActivation Date	Date	Date	Relationship

## 6.0 Behavioral Models

The following sections describe the patterns supported by the VA MPI Service.

### 6.1 Enterprise Integration Pattern

The Enterprise Integration Pattern is the primary pattern selected for integrating with the VA MPI. Enterprise Integration supports person related data sharing across the enterprise so that a Line of Business (LOB) can utilize information collected within another LOB. (Note: VA LOBs include VHA, VBA, and NCA.) The Enterprise Integration pattern allows disparate systems within an organization to retrieve information from other enterprise systems/external partners and/or to share information with other enterprise systems /external partners.

#### Business Characteristics

A LOB requires the integrated system to do at least one of the following:

- Retrieve information from other VA LOBs/external partners.
- Share information with other VA LOBs/external partners.

#### Technical Characteristics

- The integrated system correlates to the VA MPI.
- The integrated system interacts with the VA MPI for identity information when there is a need to communicate outside its system boundary.
- External systems needing information from the integrated system must utilize the VA MPI to obtain the person identifier for the integrated system.
- The integrated system may be a centralized system that does not store identity traits.



- The integrated system uses the VA MPI Service for all person searches.

### **Properties**

- Person Lookups can be performed within the local application/system (if a local datastore exists) or at the enterprise level (searching for person of the VA MPI) depending on business need.
- VA MPI business rules govern whether the integrated system's correlation is or is not synchronized with the Identity data from the VA MPI Primary View.
- VA MPI business rules govern whether identity updates received from the integrated system influence the Identity data in the VA MPI Primary View.

### **Pattern Options**

The options for the integrated systems are:

- Store the ICN within the integrated system (Example: VHA VistA)
  - The Integrated system must subscribe to and implement VA MPI ICN maintenance notifications.
- Do not Store ICN within the integrated system (Example: NCA BOSS/AMAS)
- Create a new ICN
  - The VA Business has determined a need for the integrated system to add new persons to the enterprise.
- Do not create a new ICN and instead establishes correlation with an existing ICN.
- If there is a business need VA MPI can send identity trait updates.
- If there is a business need VA MPI can track the acceptance and/or rejection of submitted identity trait updates

### **Service Operations Consumed**

The following service operations are available for systems with this integration pattern:

- FindCandidate
- Update Person
- GetCorrespondingIDs
- Add Person [Implicit Add with Search]
- Add Person [Explicit Add with No Search]
- Merge Person
- Merge Person Notification [Link](future)
- Merge Person Notification [Move] (future)
- Proxy Add Person [to VistA]
- 

### **Consumers**

VHA VistA, DoD DEERS, NCA BOSS (future integration), NCA AMAS (future integration), Enrollment System (ES)

## **6.2 Aggregate**

The Aggregate Pattern is similar to Enterprise Pattern and the difference is that there is no business need to receive identity trait updates from VA MPI. Conforms to a pull model and there are mostly User Interface or Call Center applications.

#### **Business Characteristics**

A VA LOB requires the integrating system to only retrieve information from other VA LOBs/external partners. There is no defined business need to share local data with other VA LOBs.

#### **Technical Characteristics**

- The integrated system does not establish a correlation with the VA MPI.
- The integrated system interacts with the VA MPI for identity information when there is a need to communicate outside its system boundary.

#### **Properties**

- Systems integrated with this pattern do not establish a correlation.
- Person Lookups are performed within the local application/system to support the existing business processes. The integrated system can perform an enterprise search for persons on the VA MPI when there is a specific business need.
- Systems integrated with this pattern cannot add a new person record to the VA MPI.

#### **Pattern Options**

The options for the integrating systems are

- Create a local person identifier based on a business or technical need.
- Do not create a local person identifier.
- The integrating system does not subscribe to ICN maintenance messages.

#### **Service Operation Consumed**

The following service operations are available for systems with this integration pattern:

- GetCorrespondingIDs
- Find Candidates

**Consumers:** North Chicago GUI, CPP (via VBA Ebenefits), VOA (via VBA Ebenefits),

## **6.3 Decentralized**

A system integrated with a Decentralized Pattern only supports management of its internal assets for a confined business process. There are two types of Decentralized business patterns: Pure and Hybrid. These are described below.

### **6.3.1 Decentralized Pure**

#### **Business Characteristics**

The business process supported/managed within the integrated system is a continuation

of a business process started in another system that is correlated to the VA MPI. There is no business need for this integrated system to retrieve or to share information with other lines of business.

#### **Technical Characteristics**

The integrated system receives and stores the VA MPI Correlation person identifier from the upstream system.

#### **Properties**

- The integrated system does not establish a correlation with the VA MPI.
- The integrated system does not communicate directly with the VA MPI.
- The integrated system only communicates directly (point to point) with the system that is correlated with the VA MPI.

#### **Pattern Options**

N/A

#### **Service Operations Consumed**

N/A

#### **Consumers**

VistA Blood bank

### **6.3.2 Decentralized Hybrid**

#### **Business Characteristics**

The business process supported/managed within the integrated system is a continuation of a business process started in another system that is correlated to the VA MPI. There IS a business need for this integrated system to retrieve information from other LOBs as a continuation to the business process.

#### **Technical Characteristics**

The integrated system receives and stores the VA MPI correlated person identifier from the upstream system and can use the VA MPI ICN as a trait, depending on the business/architecture need.

#### **Properties**

- The integrated system does not establish a correlation with the VA MPI.
- The integrated system primarily performs local searches, but has the flexibility to search the VA MPI based on business need.

#### **Pattern Options**

- The system DOES NOT store the ICN as a trait of the VA MPI Correlated Identifier.
- The system/business DOES store ICN as a trait of the VA MPI Correlated identifier. If the system stores the ICN, then:
  - The system will subscribe to and process the same VA MPI ICN notifications as the upstream system that is correlated to VA MPI.

- The system will be responsible for accurately responding to VA MPI ICN notifications based on a successful/unsuccessful processing of the event in its system.
- The IdM business will be notified when the VA MPI sends an update message and the hybrid system sends back an unsuccessful response.
  - The system will be seen as a “Site Association” by the IdM business owners or as an extension of the VA MPI Correlated person Identifier.

### **Service Operations Consumed**

The following service operations are available for systems with this integration pattern:

- GetCorrespondingIDs
- Find Candidates

### **Consumers**

VHA Blind Rehab, VHA Spinal Cord Application, VHA Home Tele-health, and VHA FSC (proposed)

## 6.4 Repository

### **Business Characteristics**

Systems integrated with the Repository pattern store business events for informational use by other business processes.

### **Technical Characteristics**

Systems integrated with the Repository pattern receive and store the VA MPI Correlation person identifier from the system requesting the event to be stored. The repository system does not interact directly with the VA MPI.

### **Properties**

1. Systems that retrieve information from the repository system MUST utilize the VA MPI GetCorrespondingIDs service operation to obtain the VA MPI Correlated Identifier(s) of the record in the repository system.

### **Pattern Options**

N/A

### **Service Operations Consumed**

N/A

### **Consumers**

VHA HDR/CDS, VistA Imaging

## 6.5 Use Cases

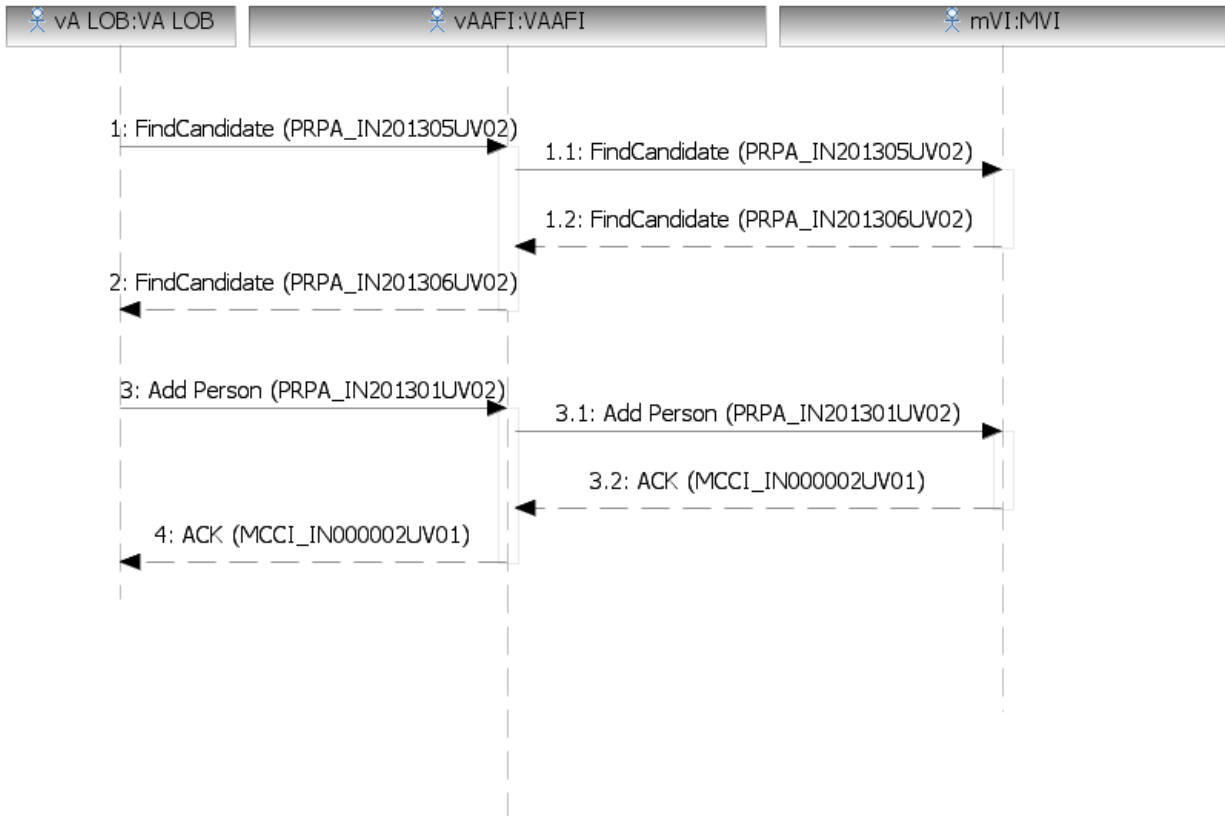
Refer to the following TSPR link for the VA MPI Use Cases:

<http://tspr.vista.med.va.gov/warboard/anotebk.asp?proj=1385&Type=Parked&From=GlobalGroup>

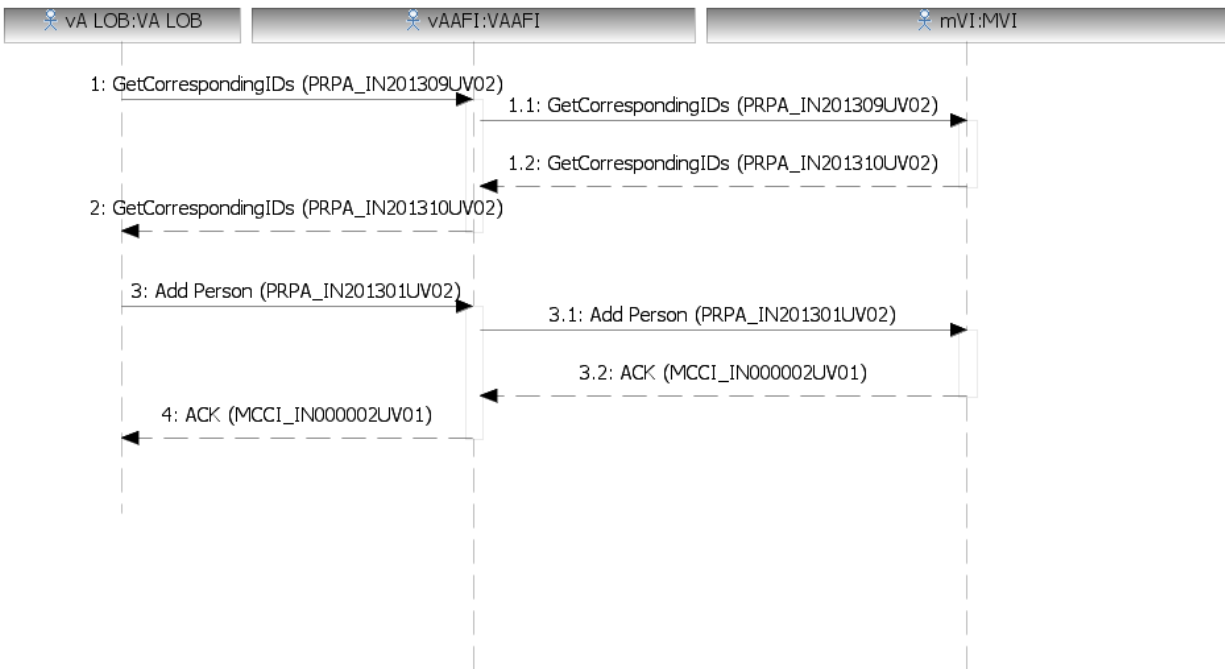
## 6.6 Sequence Diagrams

### 6.6.1 Add Person (Add Correlation)

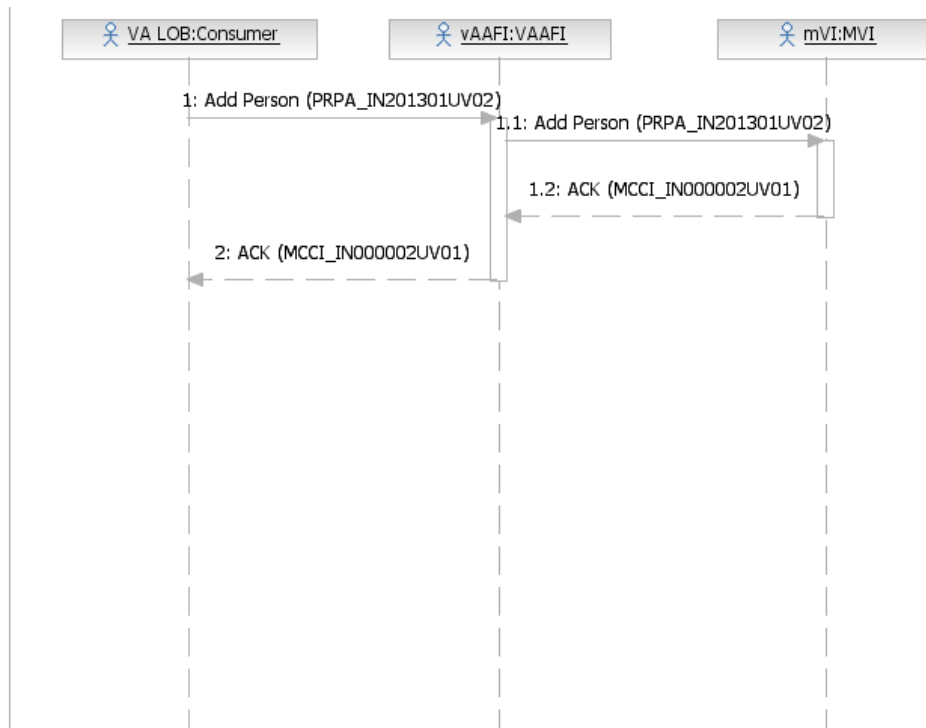
Using Find Candidate to get the ICN



## Using GetCorrespondingIDs to get the ICN



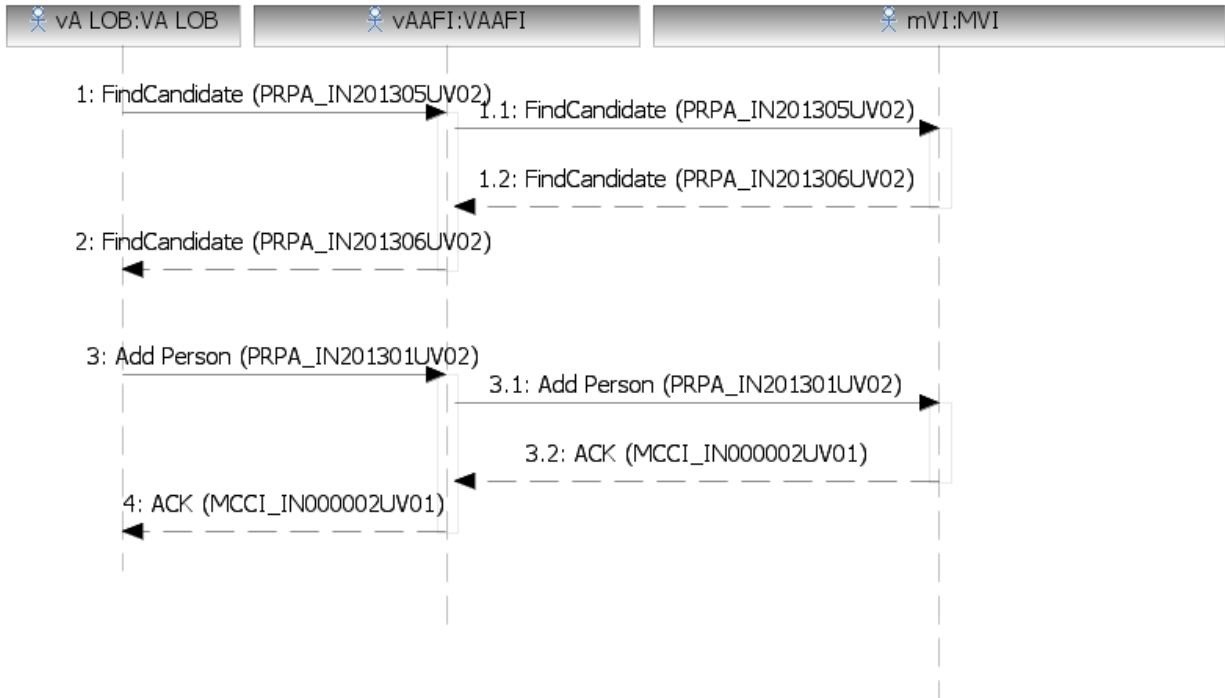
## 6.6.2 Add Person (Implicit Add with Search)





### 6.6.3 Add Person (Explicit Add with No Search)

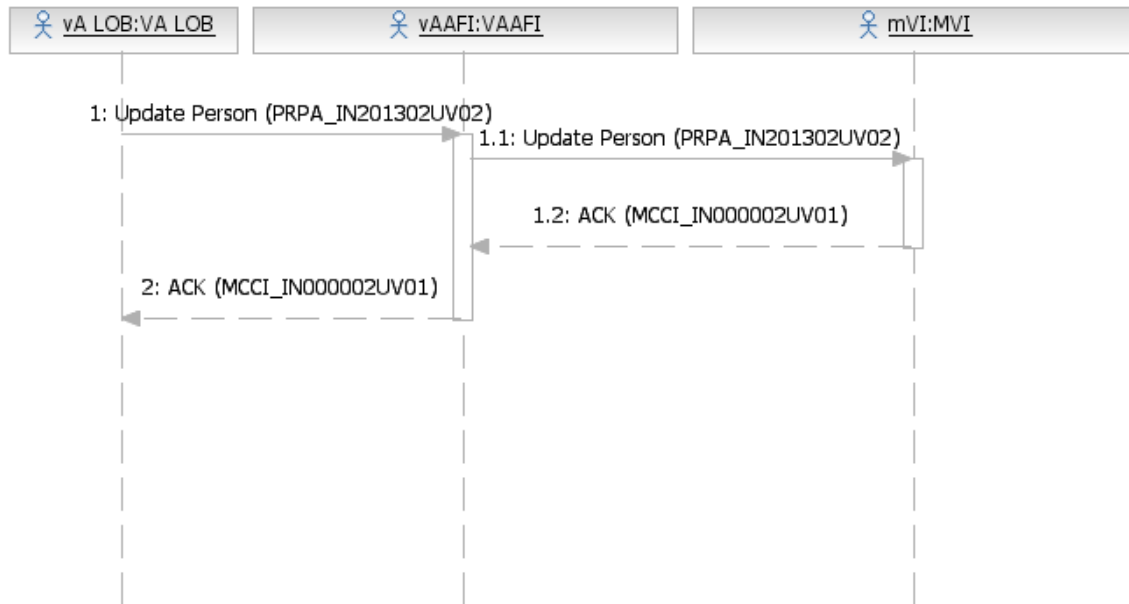
The assumption is using this service functionality is that the consumer has already performed a FindCandidates search in an attended mode and user has determined that the returned results do not have the person, so the user explicitly adds the record. The sequence diagram below reflects the requirement to perform the FindCandidate search before calling Add Person (Explicit Add with No Search) service capability.



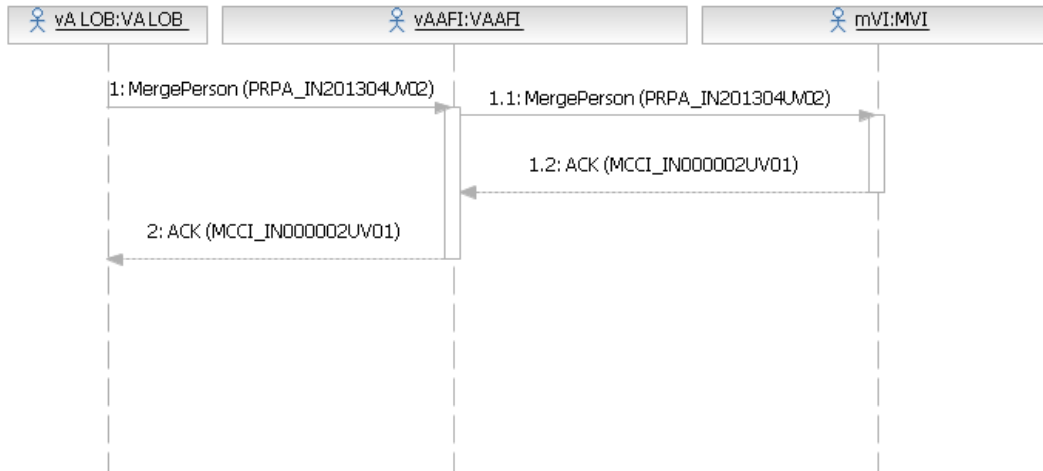
## 6.6.4 Proxy Add to VistA



## 6.6.5 Update Person



## 6.6.6 Merge from VA LOB



## 7.0 VA MPI Message Payload Headers

The message payloads are built to encapsulate all the information sent to the VA MPI Service and returned from the service into a single data structure in each direction.

### 7.1 Message\_Request\_Header

Simple Object Access Protocol [SOAP] using HL7v3.0

The HL7V3 Header is a grouping of elements that is consistently found at the beginning of each of the various HL7V3 transactions IdM supports. Below is sample of the header section out of context for demonstration purposes.

**Note** Each consumer will need to obtain a unique system key that will be used by the VA MPI service to control more fine grain operation access controls as well as message monitoring by consumer

#### 7.1.1 HL7V3 Header – Sample

```
<id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
<creationTime value="20070810140900" />
<interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201309UV02" />
<processingCode code="T" />
<processingModeCode code="T" />
<acceptAckCode code="AL" />
<receiver typeCode="RCV">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </device>
</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MPI"/>
  </device>
</sender>
```

#### 7.1.2 HL7V3 Header – Detail

Relative Path	Service	Card.	Data Type	Size	Valid Values / Ranges	Description
//id	Add Person Update Person Search Person GetCorrespondingIDs	1..1	II		<id root="2.16.840.1.113883.3.933" extension="MCID-12345" />	This is the unique identifier that is used to identify the entire message. This Id will be echoed back in the response for easy paring. In the sample below the id of interest is located in the <a href="#">extension</a> attribute.
//creationTime	Add Person Update Person Search Person GetCorrespondingIDs	1..1	TS		Digits: 0 – 9 YYYYMMDDHHMMSS  <creationTime	Time stamp representing the time the message was created. Note that this is different from the time when the event which triggered

					value="20070810140900" />	the message occurred.
//versionCode	Add Person Update Person Search/Retrieve Person GetCorrespondingIDs Merge	0..1	CS		null 1.0 2.0 3.0	Null – Original service 1.0 - ? 2.0 - ? 3.0 – Brought in Orchestration 4.0 – DoD SSN value 4.1 – new correlation status code
//interactionId	Add Person Update Person Search Person GetCorrespondingIDs	1..1	II		<ul style="list-style-type: none"> <li>1301- Add Person = <a href="#">PRPA_IN201301UV02</a></li> <li>1301 – Add Person Response = <a href="#">MCCI_IN000002UV01</a></li> <li>1302 – Update Person = <a href="#">PRPA_IN201302UV02</a></li> <li>1302 – Update Person Response = <a href="#">MCCI_IN000002UV01</a></li> <li>1305 – Search Person = <a href="#">PRPA_IN201305UV02</a></li> <li>1306 – Search Response = <a href="#">PRPA_IN201306UV02</a></li> <li>1309 –GetCorIds = <a href="#">PRPA_IN201309UV02</a></li> <li>1310 – GetCorIds Response = <a href="#">PRPA_IN201310UV02</a></li> </ul>	<p>The HL7 Interaction ID represented by this message</p> <p>The extension value will be based on the event.</p> <p>Example: interactionId &lt;root="2.16.840.1.113883.1.6" extension="PRPA_IN201309UV02" /&gt;</p>
//processingCode	Add Person Update Person Search Person GetCorrespondingIDs	[1..1]	CS		<b>D – Debugging</b> <b>T – Training</b> <b>P – Production</b>	<p>This attribute defines whether the message is part of a production, training, or debugging system.</p> <p>Example: &lt;processingCode code="T" /&gt;</p> <p>NOTE: Integrating application should ensure that in Production Environment the processingCode="P" is sent</p>
//processingModeCode	Add Person Update Person Search Person GetCorrespondingIDs	1..1	CS		<b>T – Current Processing</b> A=Archive I=Initial R=Restore from Archive	<p>This attribute defines whether the message is being sent in current processing, archive mode, initial load mode, restore from archive mode, etc</p> <p>Example: &lt;processingModeCode code="T" /&gt;</p>
//acceptAckCode	Add Person Update Person Search Person GetCorrespondingIDs	1..1	CS		<b>AL – Always</b> ER - On Error/reject only NE -Never Send  Default is “AL” for request Default is “NE” for response	<p>Acknowledgement Condition codes describe the conditions under which accept or application level acknowledgements are required to be returned in response to the message send operation.</p> <p>Example: &lt;acceptAckCode code="AL" /&gt;</p>

//receiver	Add Person Update Person Search Person GetCorrespondingIDs	1..*	Complex			The type of communication function being served by the entity with respect to the transmission, such as sender, receiver, respond-to party, etc. Example: <receiver typeCode="RCV"> <device classCode="DEV" determinerCode="INSTANCE"> <id root="2.16.840.1.113883.4.349"/> </device> </receiver>
//receiver//typeCode		1..1			RCV	
//receiver//device//classCode		1..1			DEV	Represents the exact class or concept intended, whether or not that class is represented as a class in the RIM hierarchy
//receiver//device//determinerCode		1..1			INSTANCE	An HL7 defined value representing whether the Entity represents a kind-of or a specific instance.
//receiver//device//id		1..*	II		<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED FROM_IdM_Service"/>	The identifier that represents the sender of this message. This will always be the OID identifier of the IDM client (End User). The OID value is located in the root attribute below.  During the configuration process, the IdM service assigns a unique identifier for the sender. The sender must provide this key value in this attribute for all HL7V3 transactions.
//receiver//device//telcom	Add Person Update Person Search Person	[0..*]	String	256	Contractor Test (T): https://pkict.dmdc.osd.mil/<XX XX>.wsdl  Production (P) https://pkidws.dmdc.osd.mil/<X XXX>.wsdl	The telecomm address that can be used to reach the entity that is serving this function
//sender	Add Person Update Person Search Person GetCorrespondingIDs	1..*	Complex			The type of communication function being served by the entity with respect to the transmission, such as sender, receiver, respond-to party, etc. Example: <sender typeCode="SND"> <device classCode="DEV"

						determinerCode="INSTANCE"> <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_MV"/> </device> </sender>
//sender/typeCode		1..1			SND	
//sender/device/class Code		1..1			DEV	Represents the exact class or concept intended, whether or not that class is represented as a class in the RIM hierarchy
//sender/device/determinerCode		1..1			INSTANCE	<p>An HL7 defined value representing whether the Entity represents a kind-of or a specific instance.</p> <p>INSTANCE: The specific determiner indicates that the given Entity is taken as one specific thing instance. For example, a human INSTANCE (quantity = 1,) stands for exactly one human being.</p>
//sender/device/id		1..*	II		<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_IdM Service"/>	<p>The identifier that represents the sender of this message. This will always be the OID identifier of the IDM client (End User). The OID value is located in the <a href="#">root</a> attribute below.</p> <p>During the configuration process, the IdM service assigns a unique identifier for the sender. The sender must provide this key value in this attribute for all HL7V3 transactions.</p>
//reciever/device/telecom	Add Person Update Person Search Person	[0..*]	String	256		The telecomm address that can be used to reach the entity that is sending this message (source system url)

## 7.2 Message\_Response\_Header

The responses are included in each of the operation responses.

## 8.0 Transaction Specifics

NOTE: The transaction specifics provided in this document are for illustration. Integration partners are expected to following the Integration process initiated by a Service Request in order to receive payload details which may be different depending on the business/technical

needs.

## 8.1 **GetCorrespondingIDs (Patient Registry Get Identifiers Query - 1309/1310)**

**GetCorrespondingIDs** is a operation of the VA MPI Service, used to retrieve all known VA MPI Identifiers as they relate to a source identifier. The transaction grouping for this interaction is a 1309 Request and 1310 Response.



### 8.1.1 GetCorrespondingIDs 1309 Detail

This operation takes a given Identifier (VA ICN, DoD EDIPI, or any other correlated ID) and returns all other active (A) and inactive (H) correlated identifiers and historical ICNs.

Relative Path	Service	Card.	Data Type	Size	Valid Values / Ranges	Description
//controlActProcess	GetCorrespondingIDs				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required) + @moodCode (required )	An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods.
//controlActProcess//queryByParameter/queryId	GetCorrespondingIDs Person Search	1..1	II		Root (required) + extension (required)	A unique identifier that guarantees the global uniqueness of the instance identifier.  Unique identifier for the query.
//controlActProcess//queryByParameter/statusCode	GetCorrespondingIDs Person Search	1..1	CS		<b>new</b>	There are no continuations necessary for this type of query, so the status is always "new"
//controlActProcess//queryByParameter/parameterList/patientIdentifier/value	GetCorrespondingIDs Person Search	1..1	II		Root (required) + extension (required)	This is the identifier that one is requesting corresponding ids for. This value is the backbone of this entire transaction. It is located in the extension <a href="#">attribute</a> below.  The identifier is a caret (^) delimited value, consisting of four values in the following format. (ID)^(IDTYPE)^ASSIGNINGFACILITY^ASSIGNINGAUTHORITY <b>ID</b> Unique patient id number. <b>ID TYPE</b> The type of identifier (PI=Patient, EI=Employee, NI=National, PN=PersonNumber) <b>ASSIGNINGFACILITY</b> The location of origin where id is associated. This number of assigned by VA business to uniquely identify the system that establishes and maintains identity. <b>ASSIGNINGAUTHORITY</b> The organization that issued the identifier. May represent a code identified by VA MPI Service

//controlActProcess//queryByParameter/parameterList//patientIdentifier//semanticText	GetCorrespondingIDs Person Search	1..1	ST		<b>Patient.Id</b>	Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure. Default=Patient.Id
--	--------------------------------------	------	----	--	-------------------	---

### Sample System Identifiers

<b>ICN Id</b> <id root="2.16.840.1.113883.4.349" extension="1008533405V377263^NI^200M^USVHA"/> OR <id root="2.16.840.1.113883.4.349" extension="1008533405V377263^NI"/>
<b>Sec Id</b> <id root="2.16.840.1.113883.4.349" extension="1000020007^PN^200PROV^USDVA"/>
<b>DoD EDIPI Id</b> <id root="2.16.840.1.113883.3.42.10001.100001.12" extension="1234567890^NI^200DOD^USDOD"/>
<b>CORP Id</b> <id root="2.16.840.1.113883.4.349" extension="123456^PI^200CORP^USVBA "/>
<b>BIRLS Id</b> <id root="2.16.840.1.113883.4.349" extension="123456^PI^200BRLS^USVBA "/>
<b>MHV User Id</b> <id root="2.16.840.1.113883.4.349" extension="123456^PI^200MHV^USVHA"/>
<b>VHIC Card Id</b> <id root="2.16.840.1.113883.4.349" extension="123456^PI^742V1^USVHA"/>
<b>VHA correlated systems Id</b> <id root="2.16.840.1.113883.4.349" extension="123456^PI^station#OfVHASystem^USVHA"/>
<b>PIV Id</b> <id root="2.16.840.1.113883.4.349" extension="1234567890^EI^200PIV^USDVA"/>
<b>NwHIN Id</b> <id root="2.16.840.1.113883.4.349" extension="MC23265000^NI^200NWS^1.2.840.114350.1.13.60.3.7.3.688884.100^A"/>

## 8.1.2 HL7V3 1309 Request - Sample (given a sourceID)

### NOTE:

**Root OID for VA** = 2.16.840.1.113883.4.349

**Root OID for DoD** = 2.16.840.1.113883.3.42.10001.100001.12

**Sample Root OID provided below for testing** = 2.16.840.1.113883.3.933

```

<PRPA_IN201309UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201309UV02.xsd" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070810140900" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201309UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MPI" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201309UV02" codeSystem="2.16.840.1.113883.1.6" />
    <queryByParameter>
      <queryId root="2.16.840.1.113883.3.933" extension="33452" />
      <statusCode code="new" />
      <responsePriorityCode code="I" />
      <parameterList>
        <patientIdentifier>
          <value root="2.16.840.1.113883.4.349" extension="100001412^PI^553^USVHA" />
          <semanticsText>Patient.Id</semanticsText>
        </patientIdentifier>
      </parameterList>
    </queryByParameter>
  </controlActProcess>
</PRPA_IN201309UV02>

```

### Sample Response

```
<idm:PRPA_IN201310UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201310UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204171047054840782679124" />
  <creationTime value="20120417104705-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201310UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201310UV02" />
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id root="2.16.840.1.113883.4.349" extension="1008523099V750710^NI^200M^USVHA^P" />
            <id root="2.16.840.1.113883.3.364" extension="1025062341^NI^200DOD^USDOD^A" />
            <id root="2.16.840.1.113883.4.349" extension="100001412^PI^553^USVHA^A" />
            <statusCode code="active" />
            <patientPerson classCode="PSN" determinerCode="INSTANCE">
              <name nullFlavor="NA" />
            </patientPerson>
          </patient>
        </subject1>
        <custodian typeCode="CST">
          <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349" />
          </assignedEntity>
        </custodian>
      </registrationEvent>
    </subject>
  <queryAck>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <queryResponseCode code="OK" />
  </queryAck>
</idm:PRPA_IN201310UV02>
```

```

</queryAck>
<queryByParameter>
  <queryId root="2.16.840.1.113883.3.933" extension="33452" />
  <statusCode code="new" />
  <responsePriorityCode code="I" />
  <parameterList>
    <patientIdentifier>
      <value root="2.16.840.1.113883.4.349" extension="100001412^PI^553^USVHA" />
      <semanticsText>Patient.Id</semanticsText>
    </patientIdentifier>
  </parameterList>
</queryByParameter>
</controlActProcess>
</idm:PRPA_IN201310UV02>

```

### 8.1.3 HL7V3 1309 Request - Sample (given a DoD EDIPI)

#### NOTE:

**Production root OID for DoD** = 2.16.840.1.113883.3.42.10001.100001.12

```

<PRPA_IN201309UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201309UV02.xsd" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070810140900" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201309UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201309UV02" codeSystem="2.16.840.1.113883.1.6" />
    <queryByParameter>
      <queryId root="2.16.840.1.113883.3.933" extension="33452" />
      <statusCode code="new" />
      <responsePriorityCode code="I" />
      <parameterList>
        <patientIdentifier>
          <value root="2.16.840.1.113883.3.364" extension="1025062341^NI^200DOD^USDOD" />
          <semanticsText>Patient.Id</semanticsText>
        </patientIdentifier>
      </parameterList>
    </queryByParameter>
  </controlActProcess>
</PRPA_IN201309UV02>

```

```

    </queryByParameter>
  </controlActProcess>
</PRPA_IN201309UV02>

```

### Sample Response

```

<idm:PRPA_IN201310UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201310UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204171100331250512569320" />
  <creationTime value="20120417110033-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201310UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201310UV02" />
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id root="2.16.840.1.113883.4.349" extension="1008523099V750710^NI^200M^USVHA^P" />
            <id root="2.16.840.1.113883.3.364" extension="1025062341^NI^200DOD^USDOD^A" />
            <id root="2.16.840.1.113883.4.349" extension="100001412^PI^553^USVHA^A" />
            <statusCode code="active" />
            <patientPerson classCode="PSN" determinerCode="INSTANCE">
              <name nullFlavor="NA" />
            </patientPerson>
          </patient>
        </subject1>
        <custodian typeCode="CST">
          <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349" />
          </assignedEntity>
        </custodian>
      </registrationEvent>
    </subject>
  </controlActProcess>

```

```

    </registrationEvent>
  </subject>
  <queryAck>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <queryResponseCode code="OK" />
  </queryAck>
  <queryByParameter>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <statusCode code="new" />
    <responsePriorityCode code="I" />
    <parameterList>
      <patientIdentifier>
        <value root="2.16.840.1.113883.3.364" extension="1025062341^NI^200DOD^USDOD" />
        <semanticsText>Patient.Id</semanticsText>
      </patientIdentifier>
    </parameterList>
  </queryByParameter>
</controlActProcess>
</idm:PRPA_IN201310UV02>

```

### 8.1.4 HL7V3 1309 Request - Sample (given an ICN)

```

<PRPA_IN201309UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vaww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201309UV02.xsd" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-12345"/>
  <creationTime value="20070810140900"/>
  <interactionId root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="200ESR" root="1.2.840.114350.1.13.99997.2.7788"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201309UV02" codeSystem="2.16.840.1.113883.1.6"/>
    <queryByParameter>
      <queryId root="1.2.840.114350.1.13.99999.4567.34" extension="33452"/>
      <statusCode code="new"/>
      <responsePriorityCode code="I"/>
      <parameterList>
        <patientIdentifier>
          <value root="2.16.840.1.113883.4.349" extension="1001179876V510099^NI^200M^USVHA"/>
          <semanticsText>Patient.Id</semanticsText>
        </patientIdentifier>
      </parameterList>
    </queryByParameter>
  </controlActProcess>
</PRPA_IN201309UV02>

```

```

    </parameterList>
  </queryByParameter>
</controlActProcess>
</PRPA_IN201309UV02>

```

### Sample Response

```

<idm:PRPA_IN201310UV02 xmlns:idm="http://vaww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201310UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="WS1506261504243160510481326"/>
  <creationTime value="20150626150424"/>
  <versionCode code="1.0"/>
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201310UV02"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="NE"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="PSIM_TOOLS" extension="200ESR"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" extension="200M"/>
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA"/>
    <targetMessage>
      <id root="2.16.840.1.113883.4.349" extension="MCID-12345"/>
    </targetMessage>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201310UV02"/>
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA"/>
        <statusCode code="active"/>
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id root="2.16.840.1.113883.3.364" extension="987654222-
002^NI^200DOD^USDOD^A"/>
            <id root="2.16.840.1.113883.4.349"
extension="2013091801^NI^200BOSS^USNCA^A"/>
            <id root="2.16.840.1.113883.4.349"
extension="015374417^PI^200BRLS^USVBA^A"/>
            <id root="2.16.840.1.113883.3.364"
extension="1606323405^NI^200DOD^USDOD^A"/>
            <id root="2.16.840.1.113883.3.364"
extension="1606319424^NI^200DOD^USDOD^A"/>
            <id root="2.16.840.1.113883.4.349" extension="249292^PI^554^USVHA^A"/>

```



```

        <id root="2.16.840.1.113883.4.349"
extension="815072636^NI^200CORP^USVBA^A"/>
        <id root="2.16.840.1.113883.4.349" extension="77773^PI^463^USVHA^A"/>
        <id root="2.16.840.1.113883.4.349" extension="5184^PI^523^USVHA^PCE"/>
        <id root="2.16.840.1.113883.4.349"
extension="2013091801^NI^200AMAS^USNCA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="9100787635^PI^200CORP^USVBA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="99934789^PI^200ESR^USVHA^A"/>
        <id root="2.16.840.1.113883.3.364"
extension="1606324622^NI^200DOD^USDOD^A"/>
        <id root="2.16.840.1.113883.4.349" extension="77776^PI^463^USVHA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="0000001001170235V145925000000^PI^200ESR^USVHA^H"/>
        <id root="2.16.840.1.113883.4.349" extension="249295^PI^554^USVHA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="094727239^PI^200BRLS^USVBA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="100000032^PI^500^USVHA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="100000043^PI^500^USVHA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="0000001008524109V617010000000^PI^200ESR^USVHA^A"/>
        <id root="2.16.840.1.113883.3.364"
extension="1606324592^NI^200DOD^USDOD^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="9100787275^PI^200CORP^USVBA^A"/>
        <id root="2.16.840.1.113883.4.349"
extension="1008524109V617010^NI^200M^USVHA^P"/>
        <id root="2.16.840.1.113883.4.349"
extension="0000001001179853V876091000000^PI^200ESR^USVHA^H"/>
        <statusCode code="active"/>
        <patientPerson classCode="PSN" determinerCode="INSTANCE">
            <name nullFlavor="NA"/>
        </patientPerson>
    </patient>
</subject1>
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349"/>
        </assignedEntity>
    </custodian>
    <replacementOf typeCode="RPLC">
        <priorRegistration classCode="REG" moodCode="EVN">
            <id root="2.16.840.1.113883.4.349"
extension="1001170188V331136^NI^200M^USVHA^D"/>
            <id root="2.16.840.1.113883.4.349"
extension="1001179876V510099^NI^200M^USVHA^D"/>
            <id root="2.16.840.1.113883.4.349"
extension="1001170235V145925^NI^200M^USVHA^D"/>
            <id root="2.16.840.1.113883.4.349"
extension="1001179853V876091^NI^200M^USVHA^D"/>

```

```

        </priorRegistration>
    </replacementOf>
</registrationEvent>
</subject>
<queryAck>
    <queryId root="1.2.840.114350.1.13.99999.4567.34" extension="33452"/>
    <queryResponseCode code="OK"/>
</queryAck>
<queryByParameter>
<queryId root="1.2.840.114350.1.13.99999.4567.34" extension="33452"/>are yo usu
<statusCode code="new"/>
<responsePriorityCode code="I"/>
<parameterList>
    <patientIdentifier>
        <value root="2.16.840.1.113883.4.349"
extension="0000001001179876V510099000000^NI^200M^USVHA"/>
        <semanticsText>Patient.Id</semanticsText>
    </patientIdentifier>
</parameterList>
</queryByParameter>
</controlActProcess>
</idm:PRPA_IN201310UV02>

```

## 8.1.5 GetCorrespondingIDs Response (1310) Details

VA MPI will respond with HL7V 1310 messages indicating success (“AA”) or failure (“AE”). Below is a sample response indicating the identifiers known to IdM.

Relative Path	Service	Card.	Data Type	Size	Valid Values / Ranges	Description
//acknowledgement	GetCorrespondingIDs				<b>Attribute:</b> @NullFlavor (optional)  <b>Element:</b> typeCode (required) + messageWaitingNumber (optional) + messageWaitingPriorityCode (optional) + targetMessage (required) + acknowledgementDetail (required)	
//acknowledgement/typeCode	GetCorrespondingIDs	1..1	CS	2	<b>Element:</b> AA – Application Accept AE – Application Error AR – Application Reject	<b>AA</b> – successfully processed the message  <b>AE</b> – failed to process the message due to data or service business rules  <b>AR</b> - fail to process (reject) the message for reasons unrelated to its content or format (system down, internal error, etc.). For most such problems it is likely that the responding system will be able to accept the same message at a later time. <b>Note: AR is to be used with error code INTERR</b>
//acknowledgement//targetMessage/id	GetCorrespondingIDs	1..1	II		Root (required) + extension (required)	Unique message identifier of the transmission
//acknowledgement//acknowledgementDetail	GetCorrespondingIDs	0..*			<b>Attributes:</b> @NullFlavor (optional) + @typecode (optional)	Used to return error message back to the consumer.
//acknowledgement/acknowledgementDetail/code	GetCorrespondingIDs	0..1	CE		<b>Element:</b> code (optional) + codeSystem (optional) + codeSystemName (optional) + codeSystemVersion (optional) + displayName (optional)	<b>For consumers greater using versionCode 2.0 or greater</b>  code/codeSystem/displayName Key204/ 2.16.840.1.113883.5.4/Unknown Key Identifier INTERR/ 2.16.840.1.113883.5.1100/Internal System Error SYN101/ 2.16.840.1.113883.1.11.19639/Required attributes missing SYN102/ 2.16.840.1.113883.1.11.19639/Data Type error NS202/2.16.840.1.113883.1.11.19640/Unsupported

						ProcessingID NS250/2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode
//acknowledgement/acknowledgementDetail/text	GetCorrespondingIDs	0..1	ED	?	Free text	<p><b>For consumers greater using versionCode 2.0 or greater</b></p> <p>Used to return error message back to the consumer.</p> <p>Example:  &lt;text&gt;&lt;![CDATA[Invalid ICN format: 2010010401V61630]]&gt;&lt;/text&gt;</p> <p>&lt;text&gt;&lt;![CDATA[Correlation Does Not Exist:gov.va.med.person.idmgmt.QualifiedIdentifierImpl@d40856[12345,PI,USVHA,500]]]&gt;&lt;/text&gt;</p> <p><b>Key204 text will be:</b>  * Unknown Key Identifier &lt;&lt;value&gt;&gt;</p> <p><b>SYN102 text will be:</b>  * Data element &lt;&lt;value&gt;&gt; is not of type &lt;&lt;type&gt;&gt;</p> <p><b>NS250 text will be:</b>  * IdM only supports a T mode</p> <p><b>NS202 text will be either</b>  * ProcessingCode passed is &lt;&lt;value&gt;&gt; and IdM Service is set to &lt;&lt;value&gt;&gt;</p> <p><b>INTERR text will be:</b>  * Internal System error</p>
//controlActProcess	GetCorrespondingIDs				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required) + @moodCode (required )	<p>An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods.</p> <p><b>classCode Default = CACT</b></p> <p>A service that actually happens, may be an ongoing service or a documentation of a past service.</p> <p><b>moodCode Default = EVN</b></p>
//controlActProcess/subject	GetCorrespondingIDs	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed) + @contextConductionInd (optional)	Fixed classCode = "SUBJ"
//controlActProcess/subject/registrationEvent	GetCorrespondingIDs	1..1			<b>Attributes:</b> @nullFlavor (optional) + <b>@classCode (required Fixed) + @moodCode (required Fixed)</b>	classCode = "REG" moodCode = "EVN"

//controlActProcess/subject/registrationEvent/id	GetCorrespondingIDs	0..*	II			VA documented default value of nullFlavor = NA
//controlActProcess/subject/registrationEvent/statusCode	GetCorrespondingIDs	1..1	CS		<b>Element:</b> Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1		1..1			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required)	Default = "SBJ"
//controlActProcess/subject/registrationEvent/subject1/patient					<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed)	classCode = "PAT"
//controlActProcess/subject/registrationEvent/subject1/patient/id	GetCorrespondingIDs	0..*	II		Root (required) + extension (required)	<p>Root would include the appropriate OID value.</p> <p>Extension would include the identifier in the format listed below:  <b>ID^TYPE^SOURCE^ISSUER^IDSTATUS</b></p> <p>IDSTATUS can be one of the following statuses:  <b>P</b>-Permanent ICNs  <b>A</b>-Active Correlations  <b>H</b>-Deprecated due to local merge. This is a value identified for correlations including EDIPI when the identifier has been deprecated/associated to another active ID.  <b>L</b> - Local merge pending. This is used to support the marking of active records as pending a merge, so that systems that have a large number of local dups can apply business rules to highlight 1 active and mark the others if applicable with this new status. This will allow business processes to utilize the 1 active (<b>implemented in 4.1 or higher</b>)</p> <p><b>PCE</b>-Pending Cat Edit correlations  C - Cerner Converted</p> <p>Note: Deprecated ICNs will be passed in the replacementOf stanza.</p>

//controlActProcess/subject/registrationEvent/subject1/patient/statusCode	GetCorrespondingIDs	1..1	CS		<b>Element:</b> Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson	GetCorrespondingIDs	1..*	PN		<b>Attributes:</b> @nullFlavor (optional) + @classCode (required fixed) + @determinerCode (required fixed)  <b>Element:</b> name (required)	Fixed classCode = "PSN" Fixed determinerCode = "INSTANCE"  Since this operation is focused more on the identifiers and not at all on the traits, this stanza will not be used and as such the only required element (Name) will be represented in a nullFlavor.  <name nullFlavor="NA" />
//controlActProcess/subject/registrationEvent/custodian	GetCorrespondingIDs	1..1			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required fixed) + @contextControlCode (optional fixed)  <b>Element:</b> assignedEntity (required)	Fixed typeCode = "CST" Example: <custodian typeCode="CST"> <assignedEntity classCode="ASSIGNED"> <id root="2.16.840.1.113883.3.933" /> <assignedOrganization classCode="ORG" determinerCode="INSTANCE"> <name>Good Health Clinic</name> </assignedOrganization> </assignedEntity> </custodian>
//controlActProcess/subject/registrationEvent/replacementOf	GetCorrespondingIDs	0..*			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required fixed)	Link Event Default typeCode = "RPLC"
//controlActProcess/subject/registrationEvent/replacementOf/priorRegistration	GetCorrespondingIDs	1..1			<b>Attributes:</b> nullFlavor (optional) + classCode (required Fixed) + moodCode (required Fixed)	classCode = "REG" moodCode = "EVN"
//controlActProcess/subject/registrationEvent/replacementOf/priorRegistration /id	GetCorrespondingIDs	0..*	II		Root (required) + extension (required)	This stanza is used to pass deprecated Identifiers.  VA Root OID + ICN Example: <id root="2.16.840.1.113883.4.349" extension="1002345634V432145" />  DoD Root OID + EDIPI Example:

						<code>&lt;id root="2.16.840.1.113883.3.42.10001.100001.1 2" extension="100045632" /&gt;</code>
//controlActProcess/queryAcK/ queryID	Search/Retrieve Person	0..1	II			
//controlActProcess/queryAcK/ queryResponseCode	Search/Retrieve Person	1..1	CS		Valid values: OK QE AE NF	OK – references that the return response found and is returning the appropriate response with identity(ies) NF (No record Found) – references that the provided request was valid, however an identity(ies) were not found to match the provided information. QE (Query Error) – references that there was an issue with the returned record(s) that is preventing the service from returning results. AE (Application Error) –

## 8.1.6 HL7V3 1310 Error Response - Samples

VA MPI will respond with HL7V 1310 messages indicating success (“AA”) or failure (“AE”). Below is a sample response indicating the identifiers known to IdM.

### 8.1.6.1 HL7V3 1310 Response – Sample Error – Invalid ICN

```

<idm:PRPA_IN201310UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201310UV02.xsd" xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204161459396871205605995" />
  <creationTime value="20120416145939-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201310UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>

```

```

<acknowledgement>
  <typeCode code="AE" />
  <targetMessage>
    <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  </targetMessage>
  <acknowledgementDetail>
    <text>
      <![CDATA[Invalid VPID format: 2010010401V61630]]>
    </text>
  </acknowledgementDetail>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
  <code code="PRPA_TE201310UV02" />
  <queryAck>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <queryResponseCode code="AE" />
  </queryAck>
  <queryByParameter>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <statusCode code="new" />
    <responsePriorityCode code="I" />
    <parameterList>
      <patientIdentifier>
        <value root="2.16.840.1.113883.4.349" extension="2010010401V61630^NI^200PS^USVHA" />
        <semanticsText>Patient.Id</semanticsText>
      </patientIdentifier>
    </parameterList>
  </queryByParameter>
</controlActProcess>
</idm:PRPA_IN201310UV02>

```

### 8.1.6.2 HL7V3 1310 Response – Sample Error – Invalid ID Type

```

<idm:PRPA_IN201310UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201310UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204170753483750847393790" />
  <creationTime value="20120417075348-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201310UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
</idm:PRPA_IN201310UV02>

```



```

</sender>
<acknowledgement>
  <typeCode code="AE" />
  <targetMessage>
    <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  </targetMessage>
  <acknowledgementDetail>
    <text>
      <![CDATA[An invalid identifier type was passed in. Id:2010010401V616350,Type:,AA:USVHA,AL: 200PS,ALName:
null,EFF: null,EXP: null]]>
    </text>
  </acknowledgementDetail>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
  <code code="PRPA_TE201310UV02" />
  <queryAck>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <queryResponseCode code="AE" />
  </queryAck>
  <queryByParameter>
    <queryId root="2.16.840.1.113883.3.933" extension="33452" />
    <statusCode code="new" />
    <responsePriorityCode code="I" />
    <parameterList>
      <patientIdentifier>
        <value root="2.16.840.1.113883.4.349" extension="2010010401V616350^^200PS^USVHA" />
        <semanticsText>Patient.Id</semanticsText>
      </patientIdentifier>
    </parameterList>
  </queryByParameter>
</controlActProcess>
</idm:PRPA_IN201310UV02>

```

### 8.1.6.3 HL7V3 1310 Response – Sample Error – Unknown ID

```

<idm:PRPA_IN201310UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201310UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204170756581560815308114"/>
  <creationTime value="20120417075658-0400"/>
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201310UV02"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="NE"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </sender>
</idm:PRPA_IN201310UV02>

```

```

    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AE"/>
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345"/>
    </targetMessage>
    <acknowledgementDetail>
      <text><![CDATA[Correlation Does Not
Exist:gov.va.med.person.idmgmt.QualifiedIdentifierImpl@d40856[12345,PI,USVHA,500]]]></text>
    </acknowledgementDetail>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201310UV02"/>
    <queryAck>
      <queryId root="2.16.840.1.113883.3.933" extension="33452"/>
      <queryResponseCode code="NF"/>
    </queryAck>
    <queryByParameter>
      <queryId root="2.16.840.1.113883.3.933" extension="33452"/>
      <statusCode code="new"/>
      <responsePriorityCode code="I"/>
      <parameterList>
        <patientIdentifier>
          <value root="2.16.840.1.113883.4.349" extension="12345^PI^500^USVHA"/>
          <semanticsText>Patient.Id</semanticsText>
        </patientIdentifier>
      </parameterList>
    </queryByParameter>
  </controlActProcess>
</idm:PRPA_IN201310UV02>

```

## 8.2 Add Profile (Create New Person Record and/or Add Correlation to existing Person Record – 1301/ACK)

Add Person is an IdM Service exposed operation, used to add a new person profile to the service. The transaction grouping for this interaction is a 1301 Request and Generic Ack Response.

The following minimum identity traits will be required to create an identity with a Temporary IDState:

- Last Name
- Test Patients (Last Name starting with ZZ or 5 leading zero SSN)
- Name containing “merge”

EDIT NEEDED

~~The following minimum identity traits will be required to create an identity in Permanent IDState:~~

- ~~• Last Name~~
- ~~• Date of Birth (precise)~~
- ~~• Gender~~
- ~~• \*\*SSN~~

The following supplemental optional identity traits will be collected:

- Suffix/Cadency
- Mother's Maiden Name (MMN)
- Alias Name (Other Names Used)
- Alias SSN (Other SSNs Used)
- Service Number
- POB City
- POB State
- POB Country
- Multi birth indicator, MBI
- Multiple Birth Order
- Date Of Death.
  - Date of Death
  - Entered Date and Time Stamp
  - Entered / Updated By
  - Date Last Updated
  - Source of Notification
  - Supporting Document Short Name
  - Opton Used
- \*\*SSN

\*\*This is not required but is suggested for more precise matching

### Add Flows:

The IdM Service definition has four optional add person flows depending on the needs of the sender.

Note: All Add flow types REQUIRE a requesting identifier.

### Example:

```
<asOtherIDs classCode="PAT">
  <id root="2.16.840.1.113883.4.349" extension="99934563^PI^523^USVHA" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
```

## 8.2.1 Add Person Details

The recommended data traits are primary view values (Name, DOB, SSN, Gender, Multi Birth Indicator, Mother's Maiden Name, POB City, POB State).

**NOTE:** Each implementation will be different based on business needs and data availability. Detail will be documented in the integration SDD.

Relative Path	Service	Card.	Data Type	Size	Format/Values / Ranges	Description
---------------	---------	-------	-----------	------	------------------------	-------------

//attentionLine	Add Person	0..*			<b>Elements:</b> keyWordText (optional) + <b>value (required)</b>  In order to support VBA Orchestration VA MPI's implementation requires both keyWordText and value  keyWordText SHALL contain the constant " Search.Token"  value SHALL contain the 1305 message extension value	The value should be retained from the preceding search/retrieve  <attentionLine> <keyWordText>Search.Token</keyWordText>  <value>WSDOC1409041213232541745020308</ value> </attentionLine>
//controlActProcess	Add Person				<b>Attributes:</b> @nullFlavor (optional) + @ <b>classCode (required)</b> + @ <b>moodCode (required)</b> )	An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods. <b>classCode Default = CACT</b>  A service that actually happens, may be an ongoing service or a documentation of a past service. <b>moodCode Default = EVN</b>
//controlActProcess/dataEnterer	Add Person	0..*			<b>Attributes:</b> @nullFlavor (optional) + @ <b>typeCode (required)</b> + @ContextControlCode (optional)  <b>Elements:</b> noteText (optional) + time (optional) + assignedPerson (required)	Default typeCode = "ENT" Default contextControlCode = "AP"  Data Entry person: A person entering the data into the originating system. The data entry person is collected optionally for internal quality control purposes.  An observation event has a patient participation marked "additive, propagating" (AP) and has component observation events linked through act relationships that are marked propagating. This means that the patient participation behaves as a patient participation of those component observation events in addition to the parent observation event
//controlActProcess/dataEnterer/ assignedPerson/classCode	Add Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + @ <b>classCode (required)</b>	classCode Default = "ASSIGNED"

//controlActProcess/dataEnterer/assignedPerson/id	Add Person	0..*	II		Root (required) + extension (required)	Person that entered the requested event. Example: Root = DoD OID extension = DoD EDIPI Root = VA OID extension = VA SecID (future VA implementation)  VA does not support this value but will support it in future releases
//controlActProcess/dataEnterer/assignedPerson/assignedPerson/name	Add Person	1..*	EN		Free text	Free Text for the User Performing the action Example: <name>John Smith</name>
//controlActProcess/subject	Add Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed) + @contextConductionInd (optional)	Fixed classCode = "SUBJ"
//controlActProcess/subject/registrationEvent	Add Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed) + @moodCode (required Fixed)	classCode = "REG" moodCode = "EVN"
//controlActProcess/subject/registrationEvent/id	Add Person	0..*	II			VA documented default value of nullFlavor = NA
//controlActProcess/subject/registrationEvent/statusCode	Add Person	1..1	CS		Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/typeCode	Add Person	1..1			Default = "SBJ"	Default = "SBJ"
//controlActProcess/subject/registrationEvent/subject1/patient	Add Person				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed)	classCode = "PAT"

//controlActProcess/subject/registrationEvent/subject1/patient/id	Add Person	0..*	II		Root (required) + extension (required)	<p>nullFlavor</p> <p><b>ASKU– Asked But Unknown</b> IdM Service will generate and assign a new Enterprise ID for the submitted profile without performing a search. This implementation requires that the consumers has already performed an attended search and the user is <b>explicitly</b> wanting to create/add a new record</p> <p><b>UNK – Unknown</b> IdM Service will generate and assign a new Enterprise ID for the submitted profile after performing a <b>implicit</b> search.</p> <p>VA This value may be required depending on the specific use of the transaction.</p> <p><b>Please refer to the Add Flows section</b></p>
//controlActProcess/subject/registrationEvent/subject1/patient/statusCode	Add Person	1..1	CS		<b>Element:</b> Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf	Add Person	0...*				
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf/administrativeObservation	Add Person	1...1			<b>classCode = “VERIF” code</b>	VersionCode >3.5
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf/administrativeObservation/id	Add Person	0...*	II			NOTE: Included for possible future impelmentaiton, but not required at this time.
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf/administrativeObservation/code	Add Person	1...1	CD			<p>Code:</p> <ul style="list-style-type: none"> <li>SSA_SSN_STATUS</li> <li>DOD_SOURCE</li> <li>DOD_Entered_DT</li> <li>DOD_DT_Updated</li> <li>DOD_Supporting_Document</li> <li>DOD_Supporting_Document <ul style="list-style-type: none"> <li>DC</li> <li>SPROD</li> </ul> </li> </ul>

						<ul style="list-style-type: none"> <li>• CR</li> <li>• DCUSG</li> <li>• CSUSG</li> <li>• ORUS</li> <li>• NDUCROD</li> <li>• NDPRA</li> <li>• NDCEOR</li> <li>• NODAP</li> <li>• NODOF</li> <li>• NO DOFAF</li> <li>• UACCM</li> <li>• NCAEF</li> <li>• SDMF</li> <li>• MPS</li> <li>• BST</li> <li>• EC</li> <li>• INPTD</li> <li>• DOD_Option_Used</li> <li>• PERSON_TYPE</li> </ul> (See section 5.4 for values)
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/statusCode	Add Person	1...1	CS			NOTE: Included for possible future implementation, but not required at this time.
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/effectiveTime	Add Person	1...1	SXCM_TS			NOTE: Included for possible future implementation, but not required at this time.
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/value	Add Person	1...1	ANY			<b>SSA_SSN_STATUS</b> <b>1</b> - SSN not in SSA file (impossible SSN/never issued to anyone; OR NO SSN found if all 000's submitted). <b>2</b> - Name and DOB match, sex code does not. <b>3</b> - Name and sex code match, DOB does not <b>4</b> - Name matches, sex code and DOB do not. <b>5</b> - Name does not match, DOB and sex code not checked. <b>V</b> - SSN is verified on name, DOB, and sex code.  <b>DOD_SOURCE</b> <ul style="list-style-type: none"> <li>• VAMC Inpatient Death</li> <li>• Spouse/Next of Kin/Other Person</li> <li>• NCA</li> <li>• Corp</li> <li>• SSA DMF</li> <li>• EVVE Query</li> </ul> <b>DOD_Entered_DT</b>

						<p><b>DOD_DT_Updated</b></p> <p><b>DOD_Supporting_Document</b></p> <ul style="list-style-type: none"> <li>• VAMC EHR Inpatient Death</li> <li>• Death Certificate</li> <li>• State Public Record of Death</li> <li>• Coroner's Report</li> <li>• Death Certificate US Govt</li> <li>• Clinical Summary US Govt</li> <li>• Official Report Uniformed Service</li> <li>• NonUS Death US Consular Report of Death</li> <li>• NonUS Death Public Record Authenticated</li> <li>• NonUS Death Civilian Employee Official Report</li> <li>• No Other 38 CFR Documentation Affidavit Provided</li> <li>• No Other 38 CFR Documentation Official Finding</li> <li>• No Other 38 CFR Documentation Other Federal Agency Finding</li> <li>• Unexplained Absence 38 CFR § 3.212 Criteria Met</li> <li>• NCA Electronic File</li> <li>• SSA DMF</li> <li>• EVVE Certification</li> </ul> <p><b>DOD_Option_Used</b> – Free Text 1 - 30</p> <p><b>PERSON_TYPE</b> – SET OF CODES</p> <p>VET = Veteran</p> <p>ACR = ACCREDITED REPRESENTATIVE</p> <p>AFF = AFFILIATE</p> <p>ASI = ASSOCIATED INDIVIDUAL</p> <p>CON = CONTRACTOR</p> <p>DEP = DEPENDENT</p> <p>EMP = EMPLOYEE</p> <p>GUA = GUARDIAN</p> <p>HPT = HEALTH PROFESSIONAL TRAINEE</p> <p>PAT = PATIENT</p> <p>NOTES:</p> <p><sup>1</sup> Implement in March 2015</p>
--	--	--	--	--	--	---



//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/name	Add Person	1..*	PN	<p>Use (required attribute) + delimiter (optional) + given (optional and repeatable element) + family (required element) + prefix (optional element) + suffix (optional element)</p> <p><b>L – Legal</b> Legal Name <b>P–Alias</b> Alias Name <b>C –Maiden Name</b> Mothers maiden name <b>ASGN –Preferred Name</b> Preferred name</p> <p>First instance of this element is Firstname.</p> <p>Second instance of this element is MiddleName.</p>	<p>A set of codes advising a system or user which name in a set of like names to select for a given purpose. A name without specific use code might be a default name useful for any purpose, but a name with a specific use code would be preferred for that respective purpose. This should contain the legal name of the patient.</p> <p>Example: <b>Legal Name</b> &lt;name use="L"&gt;     &lt;given&gt;FIRST&lt;/given&gt;     &lt;given&gt;MIDDLE&lt;/given&gt;     &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt; *** Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor &lt;given nullFlavor="NA"/&gt;</p> <p><b>Maiden Name (Family Name is only used in most cases)</b> &lt;name use="C"&gt;     &lt;given&gt;FIRST&lt;/given&gt;     &lt;given&gt;MIDDLE&lt;/given&gt;     &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</p> <p><b>Pseudo/Alias Name (delimiter element is used to support a pairwise mapping from Alias Name to Alias SSN)</b> &lt;name use="P"&gt;     &lt;delimiter&gt;100&lt;/delimiter&gt;     &lt;given&gt;FIRST&lt;/given&gt;     &lt;given&gt;MIDDLE&lt;/given&gt;     &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</p> <p><b>Preferred Name</b> If a Consumer sends ALL pieces... we use ALL PIECES into a COMBINED field, i.e. Super Cool Dad     &lt;name use="ASGN"&gt;         &lt;given&gt;Super&lt;/given&gt; ← first         &lt;given&gt;Cool&lt;/given&gt; ← middle         &lt;family&gt;Dad&lt;/family&gt; ← last     &lt;/name&gt; If a Consumer sends ONLY the FIRST GIVEN it still works the same... i.e. the COMBINED field will just be "Super"     &lt;name use="ASGN"&gt;         &lt;given&gt;Super&lt;/given&gt; ← first     &lt;/name&gt;</p>
--	------------	------	----	--	---

						<p>If a Consumer sends ONLY the FIRST GIVEN and LAST it still works the same... i.e. the COMBINED field will just be "Super Dad"</p> <pre>&lt;name use="ASGN"&gt;   &lt;given&gt;Super&lt;/given&gt; ← first   &lt;family&gt;Dad&lt;/family&gt; ← last &lt;/name&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/telecom	Add Person	0..*	TEL		<p><b>Use = "HP" = Home Phone</b></p> <p>Use = "WP" Work Phone</p> <p>Use = "PUB" Fax number</p> <p>Use = "CP" Cell Phone</p>	<p>This should contain the home phone of the patient.</p> <pre>&lt;telecom use="HP" value="5555550987"/&gt;</pre> <pre>&lt;telecom use = "WP" value=5555550986"/&gt;</pre> <pre>&lt;telecom use = "PUB" value=5555550986"/&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/administrativeGender	Add Person	0..1	CE		<p><b>M = Male</b></p> <p><b>F = Female</b></p>	<p>This should contain the patient's/person's gender.</p> <p>Example:</p> <pre>&lt;administrativeGenderCode code="M" /&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthTime	Add Person	0..1	TS		<p>Digits: 0 - 9</p> <p>YYYY[MM]DD</p>	<p>This should contain the patient's/person's date of birth.</p> <p>Example:</p> <pre>&lt;birthTime value="19500101" /&gt;</pre> <pre>&lt;birthTime value="195001" /&gt;</pre> <pre>&lt;birthTime value="19500101" /&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthPlace	Add Person	0..1	BL		<p><b>Attributes:</b></p> <p>@NullFlavor (optional) +</p> <p>@classCode (optional) (fixed = "BIRTHPL")</p>	Describes persons birth place
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthplace/addr	Add Person	0..1	AD		<p>streetAddressLine (free text)</p> <p>city (free text)</p> <p>state (FIPS) <b>Province if the Country is not USA</b></p> <p>country (ISO 3166-3).</p>	<p>city (free text)</p> <p>state (FIPS) <b>Province if the Country is not USA</b></p> <p>country (ISO 3166-3).</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/deceasedtime	Add Person	0..1	TS		YYYY-MM-DDThh:mm:ss	<p>This should contain the patient's/person's date of death</p> <p>Example:</p> <pre>&lt;deceasedTime value="20110618" /&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/multiBirthInd	Add Person	0..1	BL		<p>'true' = Multiple Birth</p> <p>'false' = Single Birth</p> <p>The value is also nullable.</p>	Describes if person is a twin, triplet, etc.

//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/multipleBirthOrderNumber	Add Person	0..1	INT			Describes the order in which a person is born, <b>if</b> part of a multiple birth. For example 1, 2, 3,...
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/addr	Add Person	0..*	AD		<p>Use (required) + streetAddressLine (optional repeat 3 times) + city + state + postalCode + country</p> <p>use = "HP" Home Address use = "WP" Work Address use = "BAD" Bad Address indicator</p> <p>streetAddressLine (free text) city (free text) state (FIPS alpha code) <b>Province if the Country is not USA</b> country (ISO 3166- alpha 3)</p> <p>DoD requires State if address is passed. This will not result in the add failure, it just will not store the address. If multiple addresses (HP or WP) VA MPI will only utilize the first one in the list!</p> <p>If use = "BAD" then the bad address code is required as defined in section 10.0 below.</p>	<p>Describes all of a patient/person's associated addresses. Example: &lt;addr use="HP"&gt;   &lt;streetAddressLine&gt;23456 34562 Street&lt;/streetAddressLine&gt;   &lt;city&gt;Chicago&lt;/city&gt;   &lt;state&gt;IL&lt;/state&gt;   &lt;country&gt;USA&lt;/country&gt;   &lt;postalCode&gt;33333&lt;/postalCode&gt; &lt;/addr&gt;</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/raceCode	Add Person	0..*	CE			<p>Describes the race to which this patient/person belongs. See section 5.4 for valid values and descriptions. Example: &lt;raceCode code="2076-8"/&gt;</p> <p>Possible values are listed below and also including their meaning as well 1002-5 = American Indian or Alaska Native 2054-5= Black, or African American 2028-9= Asian 2076-8= Native Hawaiian or Other Pacific Islander 2106-3 =White 2131-1 =Other Race</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/ethnicGroupCode	Add Person	0..*	CE			<p>Describes the ethnicity to which this patient/person belongs. See section 5.4 for valid values and descriptions. Example: &lt;ethnicGroupCode code="9999-4"/&gt;</p> <p>Possible codes and the meaning as</p>

						<p>well:</p> <p>0000-0 = Declined to Answer</p> <p>2135-2 = Hispanic or Latino</p> <p>2186-5 = Not Hispanic or Latino</p> <p>9999-4 = Unknown by Patient</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs	Add Person				<p><b>Attributes:</b></p> <p>@nullFlavor (optional) +</p> <p>@classCode (required)</p>	<p>classCode</p> <p><b>PAT</b></p> <p>Patient identifier</p> <p><b>SSN or CIT</b></p> <p>Social Security Number</p> <p><b>ALIAS_SSN_nnn</b> (pair-wise with Alias Name where nnn will map to the delimiter value of the Alias Name)</p> <p>The following classCodes below are only used by VA MPI to support a Proxy Add to VistA:</p> <p><b>preferredFacilityNumber</b></p> <p><b>patientServiceConnected</b></p> <p><b>patientType</b></p> <p><b>AFFL</b> – Affiliated Person (for DoD TIN and FIN)</p> <p><b>MIL</b> for Military Person (for DoD PIN)</p> <p><b>Specific values to support Provider Proxy Adds:</b></p> <p><b>DEGREE</b> – Provider's degree (see sectin 8.2.5.2 for values)</p> <p><b>AuthWriteMedOrders</b> – default value if DEA# is provided is “yes”</p> <p><b>ProviderClass</b> – Provider class (see sectin 8.2.5.2 for values)</p> <p><b>ProviderType</b> – Provider type see sectin 8.2.5.2 for values)</p> <p><b>PersonClass</b> – Person Class see sectin 8.2.5.2 for values. X12 value is to be passed)</p> <p><b>DetoxMaintNumber</b> – Detox/Maintenance Number</p> <p><b>Remarks</b> – Provider related remarks</p> <p><b>NonVAPrescriber</b> – Yes/No value</p> <p><b>ITIN</b> – SSA Individual Tax identification Number</p> <p><b>Sched_Narcotic</b> – Scheduled Narcotic values (Schedule II, III, IV, V, II non Narcotic, III non Narcotic)</p> <p><b>NPI</b> – National Provide Index</p> <p><b>DEA_NUMBER</b> – Drug Enforcement Agency Number</p> <p><b>classCode values by versionCode:</b></p> <p><b>PAT</b> - all versions..</p> <p><b>CIT</b> - to DOD v2.0 and above - to replace SSN for all consumers 4.0 or higher</p> <p><b>SSN</b> - versioncode under 4.0</p>

						<p><b>AFFL</b> – to DOD v2.0 and above</p> <p><b>MIL</b> - future version not yet defined</p> <p><b>ALIAS_SSN_nnn</b> - all versions...</p> <p><b>preferredFacilityNumber</b> – all versions</p> <p><b>patientServiceConnected</b> - all versions</p> <p><b>patientType</b> - all versions</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/id	Add Person	1..*	II		Root (required) + extension (required)	<p>Patient identifier adheres to the following id format.</p> <p><b>ID (required)^TYPE^SOURCE^ISSUER</b></p> <p><b>For Enterprise IDs like ICN and EDIPI the root + ID is all that is required. However, for those systems requiring to interact between a HL7v2.4 and HL7v3 implementation the other elements are useful and needed.</b></p> <p><b>Orchestration:</b> It is important for orchestration consumers to only look at active status records because “H” AND “L” statuses can be returned but the business intent of those values should not negatively impact the business process flow to submit and/or process claims.</p> <p><b>Proxy Adds</b></p> <p><b>Vista PATIENT#2</b> PROXY_VISTA^PI^523^USVHA"</p> <p><b>Vista NEW PERSON #200</b> PROXY_VISTA^PN^523^USDVA"</p> <p><b>VBA PROXY ADD CLAIMANT</b> PROXY_ADD^PI^200VBA^USVBA <b>DEA</b> &lt;id extension="F91234567" root="2.16.840.1.113883.4.814" /&gt;</p> <p><b>NPI</b> &lt;id extension="1234567890^NI^200ENPI^USDVA" root="2.16.840.1.113883.4.6" /&gt;</p> <p><b>SSA</b> &lt;id extension="9123456789" root="2.16.840.1.113883.4.1/&gt;</p> <p><b>ITIN</b> &lt;id extension="9123456789"</p>

						<p>root="2.16.840.1.113883.4.2/&gt;</p> <p><b>Specific values to support Provider Proxy Adds:</b></p> <p><b>Title</b> – default value is NON-VA PROVIDER</p> <p><b>Degree</b> – Provider's degree</p> <p><b>Provider_Discipline</b> Provider's Discipline</p> <p>Authorized_Med_Orders – Provider authorized to write med orders</p> <p><b>Provider_Class</b> – Provider class</p> <p><b>Provider_Type</b> – Provider type</p> <p><b>Person_Class</b> – Person Class (X12 value)</p> <p><b>Schedule_Info</b> – Schedule Information</p> <p><b>Detox_Maint_Number</b> – Detox/Maintenance Number</p> <p><b>Remarks</b> – Provider related remarks</p> <p><b>NonVAPrescriber</b>– Yes/No value</p> <p><b>Sched_Narcotic</b> – Scheduled Narcotic values (Schedule II, III, IV, V, II non Narcotic, III non</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/statusCode	Add Person	0..1	CS		<p><b>Element:</b></p> <p>SSN Verification Status = "SSN Verification status"</p> <p>Proofing Level of Assurance = "LOA"</p>	<p>NPI statusCode:</p> <p><b>Active</b></p> <p><b>Inactive</b></p> <p>DEA statusCode:</p> <p><b>Active</b></p> <p><b>Inactive</b></p> <p>For support for passing SSN Verification Status use classCode = "SSN" and statusCode =</p> <p><b>0</b> - New</p> <p><b>1</b> - In Process</p> <p><b>2</b> - Invalid</p> <p><b>3</b> - Resend</p> <p><b>4</b> – Verified</p> <p>For support of passing LOA (Identity Proofing Level of Assurance) use classCode = "PAT" and statusCode =</p> <p><b>1</b> – Little or No confidence</p> <p><b>2</b> – Some confidence</p> <p><b>3</b> – High confidence</p> <p><b>4</b> – very high confidence</p> <p><b>Provider Proxy Add:</b></p> <p><b>Title values:</b></p> <p>NON_VA_PROVIDER</p> <p><b>Provider_Discipline:</b></p> <p><b>Degree</b> – Provider's degree</p> <p><b>Provider_Discipline</b> Provider's Discipline</p> <p>Authorized_Med_Orders – Provider authorized to write med orders</p> <p><b>Provider_Class</b> – Provider class</p> <p><b>Provider_Type</b> – Provider type</p> <p><b>Person_Class</b> – Person Class (X12 value)</p> <p><b>Schedule_Info</b> – Schedule Information</p> <p><b>Detox_Maint_Number</b> – Detox/Maintenance Number</p>

						<b>Remarks – Provider related remarks</b> <b>NonVAPrescriber</b> – Yes/No value <b>Sched_Narcotic</b> – Scheduled Narcotic values ( DEA_ "" _Schedule II_ "" _III_ "" _IV_ "" _V_ "" _II non Narcotic_ "" _III non Narcotic) )
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/effectiveTime	Add Person	0..1	IVL_TS		<b>Date/time stamp</b>	This element will be used in conjunction with statusCode, if statusCode is Active then effectiveTime is the date/time of activation. If statusCode is Inactive then the effectiveTime is the date/time of the inactivation.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/scopingOrganization	Add Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + <b>@classCode (required) +</b> <b>@determinerCode (required fixed)</b>	classCode default = "ORG"  <b>INSTANCE – specific</b> The specific determiner indicates that the given Entity is taken as one specific instance. For example, a human INSTANCE (quantity = 1,) stands for exactly one human being determinerCode X' = "INSTANCE"
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/scopingOrganization/id	Add Person	1..*	II		Root (required) + extension (optional)	This value should be the same as the asOtherIDs ID root. Example: <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> <id root="2.16.840.1.113883.4.349" /> </scopingOrganization>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/personalRelationship/code	Add Person				<b>Attributes:</b> @code (required)	code <b>HCP</b> - Health Care Proxy <b>PR</b> - Personal Representative CGP – Caregiver Primary CGG – Caregiver General CGS – Caregiver Secondary
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/personalRelationship/code/translation	Add Person				<b>Attributes:</b> @code (required)	Code  <b>PRS</b> In Relationship with target.  <b>QUAL</b> Relationship to target.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/statusCode	Add Person				<b>Attributes:</b> @code (required)	Code and Code displayName will be the same as the code unless otherwise document below  <b>Pending</b> Caregiver displayName = <b>In Process</b>  <b>Active</b> Caregiver displayName = <b>Approved</b>

						<b>Inactive</b> Caregiver displayName = <b>Revoked</b>  <b>Decline</b> Caregiver displayName = <b>Denied</b>  <b>Terminated</b> Caregiver displayName = <b>Benefit End Date</b>
//controlActProcess/subject/registrationEvent/subject1/patient/providerOrganization	Add Person	1..1			<b>Attributes:</b> @nullFlavor (optional) @classCode (required) @determinerCode (required fixed)	The Patient class is scoped by the provider organization where this person is a patient. The HL7 definition of the CMET requires that the provider organization needs to be identified by an id attribute, and at least one of address, telecommunications address, or contact person to be present. The id attribute SHALL have only a root, expressed as an ISO OID.  classCode = "ORG" determinerCode = "INSTANCE"  Example: <providerOrganization classCode="ORG" determinerCode="INSTANCE"> <id root="2.16.840.1.113883.4.349"  </providerOrganization>
//controlActProcess/subject/registrationEvent/subject1/patient/providerOrganization/id	Add Person	1..*	II		Root (required) + extension (optional)	This element is where you would provide the physical location of the event. For example, Vista and/or CHCS MTF location.
//controlActProcess/subject/registrationEvent/custodian/typeCode	Add Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required) + @contextControlCode (optional)	typeCode Default="CST" Example: <custodian typeCode="CST"> <assignedEntity classCode="ASSIGNED"> <id root="2.16.840.1.113883.3.933" />  <assignedOrganization classCode="ORG" determinerCode="INSTANCE"> <name>Good Health Clinic</name>  </assignedOrganization> </assignedEntity> </custodian>



## 8.2.2 Add Person (Add Correlation)

This is the default flow of the VA MPI Service. In this flow, an ICN and Patient Identifier are present in the content of the 1301. The ICN value will be verified by the VA MPI Service to ensure that it is known. Once verified, the supplied patient identifier profile will be associated under the ICN.

### [Patient id example - ICN]

```
<patient classCode="PAT">
  <id root="2.16.840.1.113883.4.349" extension="2000001014V452335^NI"/>
```

### [Patient id example – Correlation Identifier]

```
<asOtherIDs classCode="PAT">
  <id root="2.16.840.1.113883.4.349" extension="99934563^PI^523^USVHA"/>
```

```
<PRPA_IN201301UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
.././schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
  <id extension="MCID-ADD-COR-1111" root="22a0f9e0-4454-11dc-a6be-3603d6866807" />
  <creationTime value="20070803130624" />
  <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
      <telecom value="https://example.org/PatientFeed" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="500" root="1.2.840.114350.1.13.99997.2.7788" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <!-- ICN -->
            <id extension="1016374416V669341" root="2.16.840.1.113883.4.349" />
            <statusCode code="active" />
          <patientPerson>
            <!-- NAME -->
```

```

<name use="L">
  <given>START</given>
  <family>START</family>
</name>
<!--PHONE-->
<telecom value="571-123-0987" use="HP"/>
<!-- GENDER -->
<administrativeGenderCode code="M" />
<!-- DOB -->
<birthTime value="19500101" />
<!--Multiple Birth-->
<multipleBirthInd value="false"/>
<!-- ADDRESS -->
<addr use="HP">
  <streetAddressLine>23456 34562 Street</streetAddressLine>
  <city>Chicago</city>
  <state>IL</state>
  <country>USA</country>
  <postalCode>33333</postalCode>
</addr>
<!-- IEN -->
<asOtherIDs classCode="PAT">
  <id root="2.16.840.1.113883.4.349" extension="99934789^PI^523" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="1.2.840.114350.1.13.99997.2.3412" />
  </scopingOrganization>
</asOtherIDs>
<!-- SSN -->
<asOtherIDs classCode="SSN">
  <id extension="111111111" root="2.16.840.1.113883.4.1" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.1" />
  </scopingOrganization>
</asOtherIDs>
</patientPerson>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<providerOrganization classCode="ORG" determinerCode="INSTANCE">
  <id root="1.2.840.114350.1.13.99998.8734" />
  <name>Good Health Clinic</name>
  <contactParty classCode="CON">
    <telecom value="tel:+1-342-555-8394" />
  </contactParty>
</providerOrganization>
</patient>
</subject1>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">

```

```

<id root="1.2.840.114350.1.13.99998.8734" />
<assignedOrganization classCode="ORG" determinerCode="INSTANCE">
  <name>Good Health Clinic</name>
</assignedOrganization>
</assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

### 8.2.3 Add Person (Implicit with Search)

In this scenario, the requestor is sending a Patient Identifier profile to be associated under a new ICN generated by VA MPI Service. The VA MPI Service is responsible for determining whether a new ICN be created or whether the Patient Identifier sent by the requestor should be Linked to an existing ICN, based on an enterprise search and VA MPI business rules.

- The ICN is returned on the MMC ACK response.
- The Patient <ID> NullFlavor will be “UNK”
- [Null Flavor Example]**  
 <patient classCode="PAT">  
   <id nullFlavor="UNK"/>

#### 8.2.3.1 HL7v3 Add Person [Implicit with Search] from VA MPI consumer to VA MPI Example:

```

<PRPA_IN201301UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070803130624" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201301UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" extension="200M" />
      <telecom value="https://example.org/PatientFeed" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.364" extension="SITEKEY_OBTAINED_FROM_VA_MPI" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <dataEnterer typeCode="ENT" contextControlCode="AP">
      <assignedPerson classCode="ASSIGNED">
        <id extension="12345^PN^500^USVHA" root="2.16.840.1.113883.4.349" />
        <assignedPerson classCode="PSN" determinerCode="INSTANCE">

```

```

    <name>John Smith</name>
  </assignedPerson>
</assignedPerson>
</dataEnterer>
<subject typeCode="SUBJ">
  <registrationEvent classCode="REG" moodCode="EVN">
    <id nullFlavor="UNK" />
    <statusCode code="active" />
    <subject1 typeCode="SBJ">
      <patient classCode="PAT">
        <id nullFlavor="UNK" />
        <statusCode code="active" />
        <patientPerson>
          <name use="L">
            <given>START</given>
            <family>START</family>
          </name>
          <telecom value="571-123-0987" use="HP" />
          <administrativeGenderCode code="M" />
          <birthTime value="19500101" />
          <deceasedTime value="20110618" />
          <multipleBirthInd value="false" />
          <addr use="HP">
            <streetAddressLine>23456 34562 Street</streetAddressLine>
            <city>Chicago</city>
            <state>IL</state>
            <country>USA</country>
            <postalCode>33333</postalCode>
          </addr>
          <asOtherIDs classCode="PAT">
            <id root="2.16.840.1.113883.3.364" extension="1234567890" />
            <StatusCode code="4" />
            <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="2.16.840.1.113883.4.349" />
            </scopingOrganization>
          </asOtherIDs>
          <asOtherIDs classCode="SSN">
            <id extension="111223333" root="2.16.840.1.113883.4.1" />
            <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="2.16.840.1.113883.4.1" />
            </scopingOrganization>
          </asOtherIDs>
          <birthPlace>
            <addr>
              <city>BOSTON</city>
              <state>MA</state>
            </addr>
          </birthPlace>
        </patientPerson>
        <providerOrganization classCode="ORG" determinerCode="INSTANCE">
          <id root="2.16.840.1.113883.3.933" />
          <name>Good Health Clinic</name>
          <contactParty classCode="CON">

```

```

        <telecom value="3425558394" />
    </contactParty>
</providerOrganization>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <id extension=" OPM_CASE NUMBER" root="2.16.840.1.113883.4.349"/>
        <code code="OPM_CASE" displayName="Investigation Status"
        codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value=" OPM Investigation Status Date"/>
    </administrativeObservation>
</subjectOf>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <id extension=" OPM_CASE NUMBER " root="2.16.840.1.113883.4.349"/>
        <code code="OPM_ADJ" displayName="Favorable"
        codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value="Date of Adjudicative Determination "/>
        <value xsi:type="CD" code="1" displayName=" Investigation Case Type "/>
    </administrativeObservation>
</subjectOf>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <id extension="OPM_CASE NUMBER" root="2.16.840.1.113883.4.349"/>
        <code code="OPM_BI" displayName="Investigation Status"
        codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value=" OPM_BI DATE"/>
    </administrativeObservation>
</subjectOf>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <id extension="OPM_CASE NUMBER" root="2.16.840.1.113883.4.349"/>
        <code code="OPM_EQIP" displayName="Status" codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value=" OPM_EQIP Status Date"/>
        <value xsi:type="CD" code="e-QIP Request ID" displayName="Initiated"/>
    </administrativeObservation>
</subjectOf>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <id extension=" 05" root="2.16.840.1.113883.4.349"/>
        <code code="0018" displayName="OPM POSITION CODE" codeSystem=" OPM OID " />
        <value xsi:type="CD" code="00" displayName="Assignment Code"/>
    </administrativeObservation>
</subjectOf>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <code codeSystem="2.16.840.1.113883.4.349" code="PERSON_TYPE" displayName="Person Type">
        </code>
        <value xsi:type="CD" code="VET~PAT" displayName="Veteran, Patient">
        </value>
    </administrativeObservation>
</subjectOf>
    </patient>
</subject1>

```

```

<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="2.16.840.1.113883.3.933" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

## 8.2.4 Add Person (Explicit with no Search)

In this scenario, the sender is requesting that the Patient Identifier profile supplied be associated under a new ICN that is generated by the VA MPI Service. The operation assumes that this operation is being performed based on the end user reviewing a set of returned search results from an attended VA MPI Service search and has determined that no VA MPI record exists for their Person.

- a. No VA MPI search is performed prior to the add by VA MPI.
- b. ICN is returned on ACK MMC response.
- c. The Patient <ID> NullFlavor will be “ASKU”

**[Null Flavor Example]**

```

<patient classCode="PAT">
  <id nullFlavor="ASKU"/>

```

- d. Search Token is required

```

<PRPA_IN201301UV02 xmlns="urn:hl7-org:v3"
  xmlns:ps="http://vaww.oed.oit.va.gov"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ITSVersion="XML_1.0"
  xsi:schemaLocation="urn:hl7-org:v3
  ../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd">
  <id extension="MCID-ADD-ICN-OVER-3333" root="22a0f9e0-4454-11dc-a6be-3603d6866807">
  </id>
  <creationTime value="20070803130624">
  </creationTime>
  <versionCode code="3.0">
  </versionCode>
  <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6">
  </interactionId>
  <processingCode code="T">
  </processingCode>
  <processingModeCode code="T">
  </processingModeCode>
  <acceptAckCode code="AL">
  </acceptAckCode>

```

```

<receiver typeCode="RCV">
  <device determinerCode="INSTANCE" classCode="DEV">
    <id root="2.16.840.1.113883.4.349">
    </id>
    <telecom value="http://example.org/PatientFeed">
    </telecom>
  </device>
</receiver>
<sender typeCode="SND">
  <device determinerCode="INSTANCE" classCode="DEV">
    <id extension="500" root="1.2.840.114350.1.13.99997.2.7788">
    </id>
  </device>
</sender>
<attentionLine>
  <keyWordText>Search.Token</keyWordText>
  <value xsi:type="ST">WS2003031519172841958283175</value>
</attentionLine>
<controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer contextControlCode="AP" typeCode="ENT">
    <assignedPerson classCode="ASSIGNED">
      <id extension="CR3311^PN^200PS^USVHA" root="2.16.840.1.113883.4.349">
      </id>
      <assignedPerson determinerCode="INSTANCE" classCode="PSN">
        <name>
          <given>Cory</given>
          <family>Milestone</family>
        </name>
      </assignedPerson>
    </assignedPerson>
  </dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA">
      </id>
      <statusCode code="active">
      </statusCode>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id nullFlavor="ASKU">
          </id>
          <statusCode code="active">
          </statusCode>
          <patientPerson>
            <name use="L">
              <given>Joe</given>
              <family>Veteran</family>
            </name>
            <telecom value="571-123-0987" use="HP">
            </telecom>
            <administrativeGenderCode code="M">

```

```

</administrativeGenderCode>
<birthTime value="19710103">
</birthTime>
<multipleBirthInd value="false">
</multipleBirthInd>
<addr use="HP">
  <streetAddressLine>34562 Street</streetAddressLine>
  <city>Chicago</city>
  <state>IL</state>
  <country>USA</country>
  <postalCode>33333</postalCode>
</addr>
<asOtherIDs classCode="PAT">
  <id extension="123456^PI^200MH^USVHA" root="2.16.840.1.113883.4.349">
  </id>
  <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
    <id extension="200MH" root="2.16.840.1.113883.4.349">
    </id>
    <name>PERSON.ID</name>
  </scopingOrganization>
</asOtherIDs>
<asOtherIDs classCode="SSN">
  <id extension="136211919" root="2.16.840.1.113883.4.1">
  </id>
  <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
    <id root="2.16.840.1.113883.4.1">
    </id>
  </scopingOrganization>
</asOtherIDs>
<birthPlace>
  <addr>
    <city>BOSTON</city>
    <state>MA</state>
  </addr>
</birthPlace>
</patientPerson>
<providerOrganization determinerCode="INSTANCE" classCode="ORG">
  <id root="1.2.840.114350.1.13.99998.8734">
  </id>
  <name>Good Health Clinic</name>
  <contactParty classCode="CON">
    <telecom value="tel:+1-342-555-8394">
    </telecom>
  </contactParty>
</providerOrganization>
</patient>
</subject1>
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="1.2.840.114350.1.13.99998.8734">
    </id>

```



```

        <assignedOrganization determinerCode="INSTANCE" classCode="ORG">
            <name>Good Health Clinic</name>
        </assignedOrganization>
    </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

#### 8.2.4.1 HL7v3 Add Person [Explicit without Search] from VA MPI consumer to VA MPI Example:

```

<PRPA_IN201301UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd"
ITSVersion="XML_1.0">
    <id extension="MCID-ADD-Alias_SSN-MHV" root="22a0f9e0-4454-11dc-a6be-3603d6866807"
/>
    <creationTime value="20070803130624" />
    <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6" />
    <processingCode code="T" />
    <processingModeCode code="T" />
    <acceptAckCode code="AL" />
    <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.349" />
            <telecom value="http://example.org/PatientFeed" />
        </device>
    </receiver>
    <sender typeCode="SND">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id extension="200ESR^PSIM_TOOLS" root="1.2.840.114350.1.13.99997.2.7788" />
        </device>
    </sender>
    <controlActProcess classCode="CACT" moodCode="EVN">
        <subject typeCode="SUBJ">
            <registrationEvent classCode="REG" moodCode="EVN">
                <id nullFlavor="NA" />
                <statusCode code="active" />
                <subject1 typeCode="SBJ">
                    <patient classCode="PAT">
<!--ICN OVERRIDE: The ASKU value instructs the IDM to generate a new ICN-->
                        <id nullFlavor="ASKU" />
                        <statusCode code="active" />
                        <patientPerson>
<!--NAME-->
                            <name use="L">
                                <given>Ken</given>
                                <given>Don</given>

```

```

        <family>Masters</family>
    </name>
<!--MAIDEN NAME-->
    <name use="C">
        <family>Bundy</family>
    </name>
<!-- ALIAS NAME -->
    <name use="P">
        <given>Wade</given>
        <given>Jules</given>
        <family>McFly</family>
    </name>
    <name use="P">
        <delimiter>101</delimiter>
        <given>Paddington</given>
        <given>Barry</given>
        <family>Rollins</family>
    </name>
    <name use="P">
        <delimiter>102</delimiter>
        <given>Petunia</given>
        <given>Rose</given>
        <family>Myers</family>
    </name>
<!--TELEPHONE-->
    <telecom value="120-123-0987" use="HP" />
<!--GENDER-->
    <administrativeGenderCode code="M" />
<!--DOB-->
    <birthTime value="19650212" />
<!--DEATH-->
    <deceasedTime value="20110618" />
<!--MULTIBIRTH-->
    <multipleBirthInd value="false" />
<!-- RACE -->
    <raceCode code="2076-8" />
<!-- ETHNICITY -->
    <ethnicGroupCode code="9999-4" />
<!--ADDRESS-->
    <addr use="HP">
        <streetAddressLine>23456 MainStreet</streetAddressLine>
        <city>San Francisco</city>
        <state>CA</state>
        <country>USA</country>
        <postalCode>90120</postalCode>
    </addr>
<!--IEN-->
    <asOtherIDs classCode="PAT">
        <id root="2.16.840.1.113883.4.349" extension="20140129002^PI^553" />
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="1.2.840.114350.1.13.99997.2.3412" />

```

```

        </scopingOrganization>
    </asOtherIDs>
<!--SSN-->
    <asOtherIDs classCode="SSN">
        <id extension="212593767" root="2.16.840.1.113883.4.1" />
        <statusCode code="4" />
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.1" />
        </scopingOrganization>
    </asOtherIDs>
    <asOtherIDs classCode="ALIAS_SSN_101">
        <id extension="879023123" root="2.16.840.1.113883.4.1" />
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.1" />
        </scopingOrganization>
    </asOtherIDs>
    <asOtherIDs classCode="ALIAS_SSN_102">
        <id extension="343903456" root="2.16.840.1.113883.4.1" />
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.1" />
        </scopingOrganization>
    </asOtherIDs>
<!-- PLACE OF BIRTH -->
    <birthPlace>
        <addr>
            <city>chicago</city>
            <state>IL</state>
        </addr>
    </birthPlace>
</patientPerson>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
    <providerOrganization classCode="ORG" determinerCode="INSTANCE">
        <id root="1.2.840.114350.1.13.99998.8734" />
        <name>Good Health Clinic</name>
        <contactParty classCode="CON">
            <telecom value="tel:+1-342-555-8394" />
        </contactParty>
    </providerOrganization>
</patient>
</subject1>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="1.2.840.114350.1.13.99998.8734" />
            <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
                <name>Good Health Clinic</name>
            </assignedOrganization>
        </assignedEntity>
    </custodian>
</registrationEvent>
</subject>

```

```
</controlActProcess>
</PRPA_IN201301UV02>
```

### 8.2.5 Add Person (Proxy Add Patient)

- a. ICN and Preferred Facility Number are supplied.
- b. IEN/DFN returned on the ACK MMC response.

#### Implementation specifics:

- The extension source identifier components:
  - **PROXY\_VISTA** – Required to indicate this is a Proxy to VistA
  - PI – Patient Identifier type
  - PN – Person Number type (PN is used to add users or non VA Providers to VistA NEW PERSON file)
  - ### - This value must be considered a “*Primary Facility*”
    - This value should be the highest “Parent” value in the STD\_INSTITUTION chain. Example: Station number **5289AB** has the parent facility as stationnumber **528A4** which in turn has the parent facility as **528**. The value of 528 must be sent for the request to be valid.
  - The assigning authority for this Facility - Default USVHA
- Patient Type
  - Y - Yes
  - N – No
- Service Connected
  - Y - Yes
  - N – No
- Patient Type
  - 1 - ACTIVE DUTY
  - 2 - ALLIED VETERAN
  - 3 - COLLATERAL
  - 4 - EMPLOYEE
  - 5 - MILITARY RETIREE
  - 6 - NON-VETERAN (OTHER)
  - 7 - NSC VETERAN
  - 8 - SC VETERAN
  - 9 - TRICARE

#### 8.2.5.1 Add Person (Proxy Add to VistA PATIENT) Example Message

The highlighted text below are key stanzas for this Add Person operation. The ICN in the first highlighted stanza would be obtained from an initial VA MPI Search and then used in this Add Person request to add the VA known identity to a specific VistA PATIENT file. The subsequent highlighted AsOtherIDS stanzas are key/required elements for adding the identity into the VistA PATIENT file.

```
<PRPA_IN201301UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
```

```

xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
<id extension="MCID-ADD-ICN-PROXY-4444" root="22a0f9e0-4454-11dc-a6be-3603d6866807" />
<creationTime value="20070803130624" />
<interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6" />
<processingModeCode code="T" />
<acceptAckCode code="AL" />
<receiver typeCode="RCV">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
    <telecom value="https://example.org/PatientFeed" />
  </device>
</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="200ESR" root="2.16.840.1.113883.4.349" />
  </device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA" />
      <statusCode code="active" />
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <!-- ICN Required for Add Person to VistA PATIENT file-->
          <id extension="1016374416V669341" root="2.16.840.1.113883.4.349" />
          <statusCode code="active" />
          <patientPerson>
            <!--NAME-->
            <name use="L">
              <given>START</given>
              <family>START</family>
            </name>
            <!--PHONE-->
            <telecom value="571-123-0987" use="HP"/>
            <!--GENDER-->
            <administrativeGenderCode code="M" />
            <!--DOB-->
            <birthTime value="19500101" />
            <!--Multiple Birth-->
            <multipleBirthInd value="false"/>
            <!--ADDRESS-->
            <addr use="HP">
              <streetAddressLine>23456 34562 Street</streetAddressLine>
              <city>Chicago</city>
              <state>IL</state>
              <country>USA</country>
              <postalCode>33333</postalCode>
            </addr>
            <!--SSN-->
            <asOtherIDs classCode="SSN">

```

```

<id extension="111111111" root="2.16.840.1.113883.4.1" />
<scopingOrganization classCode="ORG" determinerCode="INSTANCE">
  <id root="2.16.840.1.113883.4.1" />
</scopingOrganization>
</asOtherIDs>
<!-- Add to PATIENT FILE-->
<asOtherIDs classCode="PAT">
  <id extension="PROXY_VISTA^PI^523^USVHA" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Is the Patient a Veteran?-->
<asOtherIDs classCode="patientVeteran">
  <id extension="N" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Is the Patient Service Connected?-->
<asOtherIDs classCode="patientServiceConnected">
  <id extension="Y" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Patient Type: PATIENT_TYPE_ACTIVE_DUTY-->
<asOtherIDs classCode="patientType">
  <id extension="1" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
</patientPerson>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<providerOrganization classCode="ORG" determinerCode="INSTANCE">
  <id root="1.2.840.114350.1.13.99998.8734" />
  <name>Good Health Clinic</name>
  <contactParty classCode="CON">
    <telecom value="tel:+1-342-555-8394" />
  </contactParty>
</providerOrganization>
</patient>
</subject1>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="1.2.840.114350.1.13.99998.8734" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>

```

```

</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

### 8.2.5.2 Add Person (Proxy Add to VistA NEW PERSON)

The highlighted text below are key stanzas for this Add Person operation. The ICN in the first highlighted stanza would be obtained from an initial VA MPI Search and then used in this Add Person request to add the VA known identity to a specific VistA NEW PERSON file.

There is two groups of Non VA providers that will be initially leveraging this Add Person Proxy Add Provider to VistA capability. The first is non VA non contract Provider which is being added to support VA Pharmacy Prescription Fill/Refill whereby VA Pharmacy fills Rx written by outside VA providers and the Provider information needs to be captured as part of the Rx fill process. The second Provider population is to support Community Care non VA contract Providers which are being added to VistA to support refers to those Community Care Providers.

Field	Required/Optional	Attribute type	Size	Default Value	Notes/format
VistA Station#	Required	String	3 digits	NULL	Unique Station#
Name	Required	String	35 characters	NULL	Full legal Name is required if available. <b>If we get a name longer than 35 truncate it and continue on also make sure is all uppercase letters</b>
NPI	Required	String		NULL	VA MPI will validate NPI using CMS Service
NPI Termination Date	Optional	Date	8	NULL	YYYYMMDD
Degree	Optional	Set of Codes	100	NULL	VistA (#10.6) VistA (#12.1 p 771.9) Set valid values below and format is degree code delimited by “^” between degree code
Gender	Optional	Set of Codes	M or F	NULL	<b>if receive something other than M or F just convert to null</b>
Address	Required	street line 1   street line 2   street line 3   city   state   zip	136	NULL	Street 1 3 – 35 Street 2 3 – 30 (Optional) Street 3 3 – 30 (Optional) City 3 – 28 State 2 From State File ZIP 6-11
Work Phone	Required			NULL	Format 5555550987
Fax Number	Optional			NULL	Format 5555550987
ITIN/TaxID#	Optional	String	10	NULL	format 99 - 9999999
DEA#	Required	String	9	NULL	2 letters, 6 numbers, and 1 check digit
DEA# Inactive date	Optional	Date	8	NULL	YYYYMMDD
Scheduled II Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Scheduled III Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Scheduled IV Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No

Scheduled V Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Schedule II Non-Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Schedule III Non-Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Remarks	Optional	String	1-60	NON-VA PROVIDER	For PIE VA MPI will default the value to NON-VA PROVIDER
Title	Optional	String	3-30	NON-VA PROVIDER	Vista Pointer (#3.1) VA MPI will default the value for PIE to NON-VA PROVIDER
Authorized to Write Med Orders	Optional	Boolean	1	Yes	Vista #53.1 1 - Yes 0 - No Defaulted to 1 by VA MPI if sent by PPMS/PIE and DEA# is passed
Provider Class	Optional	String	2-30	NULL	Vista #53.5 (p File #7)
NonVAPrescriber	Optional	Boolean	1	Yes	Vista #53.91 1 - Yes 0 - No
Provider Type	Optional	Set of Codes	0-14 Internal Value + "A" + text value	NULL	Vista #53.6 Set of Codes null 1 = FULL TIME 2 = PART TIME 3 = C & A 4 = FEE BASIS 5 = HOUSE STAFF
Person Class	Optional	String		NULL	Vista (#8932.1 p8932.1) See Person Class table below X12 value
Detox Maintenance Number	Optional	String	3-9	NULL	Vista (#53.11) 3-9 characters one X, one alpha, 7 numbers

## DEGREE

1-10 characters Answer must be valid code/s from the EDUCATION (#20.11) file. The field can contain multiple degree codes delimited by single blank spaces up to the 10 character length. No leading or trailing spaces. PIE is a max of 50 characters

### NAME

### ABBREVIATION

ADVANCED PRACTICE NURSE	PN
ASSOCIATE	ASC
ASSOCIATE OF APPLIED SCIENCE	AAS
ASSOCIATE OF ARTS	AA
ASSOCIATE OF BUSINESS ADMINISTRATION	ABA
ASSOCIATE OF ENGINEERING	AE
ASSOCIATE OF SCIENCE	AS
BACCALAUREATE	BAC
BACHELOR OF ARTS	BA
BACHELOR OF BUSINESS ADMINISTRATION	BBA
BACHELOR OF ENGINEERING	BE
BACHELOR OF FINE ARTS	BFA
BACHELOR OF NURSING	BN
<b>BACHELOR OF SCIENCE</b>	<b>BS</b>
BACHELOR OF SCIENCE – LAW	BSL
BACHELOR OF SCIENCE – NURSING	BSN



BACHELOR OF THEOLOGY	BT
CERTIFICATE	CER
CERTIFICATE/DIPLOMA	CDP
CERTIFIED ADULT NURSE PRACTITIONER	CANP
CERTIFIED MEDICAL ASSISTANT	CMA
CERTIFIED NURSE MIDWIFE	CNM
CERTIFIED NURSE PRACTITIONER	CNP
CERTIFIED NURSE SPECIALIST	CNS
CERTIFIED PEDIATRIC NURSE PRACTITIONER	CPNP
CERTIFIED REGISTERED NURSE	CRN
DIPLOMA	DIP
DOCTOR OF BUSINESS ADMINISTRATION	DBA
DOCTOR OF DENTAL SURGERY	DDS
DOCTOR OF EDUCATION	DED
DOCTOR OF ENGINEERING	PHE
DOCTOR OF MEDICINE	MD
DOCTOR OF OSTEOPATHY	DO
DOCTOR OF PHARMACY	PharmD
DOCTOR OF PHILOSOPHY	PHD
DOCTOR OF SCIENCE	PHS
DOCTORAL	DOC
EMERGENCY MEDICAL TECHNICIAN	EMT
EMERGENCY MEDICAL TECHNICIAN – PARAMEDIC	EMTP
FAMILY PRACTICE NURSE PRACTITIONER	FPNP
HIGH SCHOOL GRADUATE	HS
JURIS DOCTOR	JD
MASTER OF ARTS	MA
MASTER OF BUSINESS ADMINISTRATION	MBA
MASTER OF CIVIL ENGINEERING	MCE
MASTER OF DIVINITY	MDI
MASTER OF EDUCATION	MED
MASTER OF ELECTRICAL ENGINEERING	MEE
MASTER OF ENGINEERING	ME
MASTER OF FINE ARTS	MFA
MASTER OF MECHANICAL ENGINEERING	MME
MASTER OF SCIENCE	MS
MASTER OF SCIENCE – LAW	MSL
MASTER OF SCIENCE – NURSING	MSN
MASTER OF THEOLOGY	MT
MASTER'S	MAS
MEDICAL ASSISTANT	MDA
NON-GRADUATE	NG
NURSE PRACTITIONER	NP
PHYSICIAN ASSISTANT	PA
POST-DOCTORAL (OTHER THAN RESIDENTS)	PDF
POST-MASTER'S FELLOWSHIP	PMF
REGISTERED MEDICAL ASSISTANT	RMA
REGISTERED PHARMACIST	RPH
RESIDENCY/FELLOWSHIP	RES
SECRETARIAL CERTIFICATE	SEC
TRADE SCHOOL GRADUATE	TS

## Provider Class

NAME	ABBREV. TITLE
-----	
DENTIST	DDS
DO	DO
FELLOW	MD
INTERN	MD
LPN	LPN
NON-DEGREE	NON-D
NON-PROVIDER	NON-P
NURSE	RN
NURSE PRACTITIONER	NP
PA	PA

PHD	PHD
PHYSICIAN	MD
PHYSICIAN ASSISTANT	PA
RADIOLOGY TECHNICIAN	RATEC
RESIDENT	MD
RESIDENT RADIOLOGIST	RR
SOCIAL WORKER	MSW
STAFF RADIOLOGIST	SR
STUDENT	STUD
TECHNICIAN	TECH

## PERSON CLASS

*Per VHA Directive 2005-044, this file has been "locked down" by Data Standardization (DS). The file definition (i.e. data dictionary) shall not be modified. All additions, changes and deletions to entries in the file shall be done by Enterprise Reference Terminology (ERT) using the Master File Server (MFS), provided by Common Services (CS). Creating and/or editing locally defined fields in the file are not permitted. Use of locally defined fields that were created prior to the VHA Directive's 2005-044 effective date shall not be supported.*

*This file holds the CMS (HCFA) provider type data.*

*In 2001, ANSI ASC X12N asked the National Uniform Claim Committee (NUCC) to become the official maintainer of the Health Care Provider Taxonomy List (provider type).*

*PERSON CLASS is to be used for identifying provider types for roll-ups.*

Person Type	VA Code	X12 Code
Physicians (M.D. and D.O.)	V110000	203B00000N
Physicians (M.D. and D.O.)	V110100	203BA0401N
Physicians (M.D. and D.O.)	V110300	203BA0201Y
Physicians (M.D. and D.O.)	V110301	203BI0005N
Physicians (M.D. and D.O.)	V110200	203BA0200N
Physicians (M.D. and D.O.)	V110400	203BA0300Y
Physicians (M.D. and D.O.)	V110401	203BC0201Y
Physicians (M.D. and D.O.)	V110402	203BP0001Y
Physicians (M.D. and D.O.)	V110500	203BB0100Y
Physicians (M.D. and D.O.)	V110600	203BC0100Y
Physicians (M.D. and D.O.)	V110700	203BD0100Y
Physicians (M.D. and D.O.)	V110701	203BI0002N
Physicians (M.D. and D.O.)	V110702	203BD0901N
Physicians (M.D. and D.O.)	V110800	203BE0004Y
Physicians (M.D. and D.O.)	V110801	203BT0002Y
Physicians (M.D. and D.O.)	V110802	
Physicians (M.D. and D.O.)	V110803	203BS0001Y
Physicians (M.D. and D.O.)	V110900	203BF0100Y
Physicians (M.D. and D.O.)	V110901	203BG0301Y
Physicians (M.D. and D.O.)	V110902	203BS0002Y
Physicians (M.D. and D.O.)	V111000	203BG0000Y
Physicians (M.D. and D.O.)	V111100	203BG0302Y
Physicians (M.D. and D.O.)	V111200	203BH0003Y
Physicians (M.D. and D.O.)	V111300	
Physicians (M.D. and D.O.)	V111400	
Physicians (M.D. and D.O.)	V111500	203BI0300Y
Physicians (M.D. and D.O.)	V111501	203BA0002Y
Physicians (M.D. and D.O.)	V111502	203BC0000Y
Physicians (M.D. and D.O.)	V111503	203BC2500Y
Physicians (M.D. and D.O.)	V111504	203BI0006N
Physicians (M.D. and D.O.)	V111505	203BC0202Y
Physicians (M.D. and D.O.)	V111506	203BE0101Y
Physicians (M.D. and D.O.)	V111507	203BG0100Y
Physicians (M.D. and D.O.)	V111508	203BG0303Y
Physicians (M.D. and D.O.)	V111509	203BH0001Y
Physicians (M.D. and D.O.)	V111510	203BI0200Y
Physicians (M.D. and D.O.)	V111511	203BX0202Y
Physicians (M.D. and D.O.)	V111512	203BN0300Y
Physicians (M.D. and D.O.)	V111513	203BP1001Y
Physicians (M.D. and D.O.)	V111514	203BP1003Y
Physicians (M.D. and D.O.)	V111515	203BR0500Y
Physicians (M.D. and D.O.)	V111516	203BS0003Y

Physicians (M.D. and D.O.)	V111600	203BL0000Y
Physicians (M.D. and D.O.)	V111700	
Physicians (M.D. and D.O.)	V111800	203BM0200Y
Physicians (M.D. and D.O.)	V111900	203BG0200Y
Physicians (M.D. and D.O.)	V111901	203BG0202Y
Physicians (M.D. and D.O.)	V111902	203BG0204Y
Physicians (M.D. and D.O.)	V111903	203BC0300Y
Physicians (M.D. and D.O.)	V111904	203BG0201Y
Physicians (M.D. and D.O.)	V111905	203BG0203Y
Physicians (M.D. and D.O.)	V112000	203BN0200N
Physicians (M.D. and D.O.)	V112100	203BN0400Y
Physicians (M.D. and D.O.)	V112300	203BN0700Y
Physicians (M.D. and D.O.)	V112200	203BN0402Y
Physicians (M.D. and D.O.)	V112600	203BN0900Y
Physicians (M.D. and D.O.)	V112601	203BN0903Y
Physicians (M.D. and D.O.)	V112400	203BN0901Y
Physicians (M.D. and D.O.)	V112500	203BN0902Y
Physicians (M.D. and D.O.)	V112700	
Physicians (M.D. and D.O.)	V112900	203BX0001Y
Physicians (M.D. and D.O.)	V112901	203BC0203Y
Physicians (M.D. and D.O.)	V112902	203BX0201Y
Physicians (M.D. and D.O.)	V112903	203BM0101Y
Physicians (M.D. and D.O.)	V112904	203BE0102Y
Physicians (M.D. and D.O.)	V112800	203BX0000N
Physicians (M.D. and D.O.)	V113000	203BX0300Y
Physicians (M.D. and D.O.)	V113100	
Physicians (M.D. and D.O.)	V113200	203BX2100Y
Physicians (M.D. and D.O.)	V113300	203BX0500Y
Physicians (M.D. and D.O.)	V113301	203BX0901N
Physicians (M.D. and D.O.)	V113302	203BP0212Y
Physicians (M.D. and D.O.)	V113400	203BX0900N
Physicians (M.D. and D.O.)	V113500	203BX0600Y
Physicians (M.D. and D.O.)	V113600	203BS0130Y
Physicians (M.D. and D.O.)	V113700	203BP0100Y
Physicians (M.D. and D.O.)	V113701	203BP0102Y
Physicians (M.D. and D.O.)	V113702	203BP0101Y
Physicians (M.D. and D.O.)	V113703	203BP0103Y
Physicians (M.D. and D.O.)	V113704	203BB0001Y
Physicians (M.D. and D.O.)	V113705	203BP0104Y
Physicians (M.D. and D.O.)	V113706	203BP0105Y
Physicians (M.D. and D.O.)	V113707	203BC0500Y
Physicians (M.D. and D.O.)	V113708	203BD0900Y
Physicians (M.D. and D.O.)	V113709	203BF0201Y
Physicians (M.D. and D.O.)	V113710	203BH0002Y
Physicians (M.D. and D.O.)	V113711	203BI0100Y
Physicians (M.D. and D.O.)	V113712	203BM0300Y
Physicians (M.D. and D.O.)	V113713	203BN0500Y
Physicians (M.D. and D.O.)	V113714	203BP0213Y
Physicians (M.D. and D.O.)	V113800	203BP0201Y
Physicians (M.D. and D.O.)	V113900	203BP0209Y
Physicians (M.D. and D.O.)	V114000	203BP0211Y
Physicians (M.D. and D.O.)	V114100	203BP0806N
Physicians (M.D. and D.O.)	V114300	203BP0215N
Physicians (M.D. and D.O.)	V114200	203BP0200Y
Physicians (M.D. and D.O.)	V114201	203BA0003Y
Physicians (M.D. and D.O.)	V114202	203BI0007N
Physicians (M.D. and D.O.)	V114203	203BP0220N
Physicians (M.D. and D.O.)	V114204	203BN0001Y
Physicians (M.D. and D.O.)	V114205	203BP0202Y
Physicians (M.D. and D.O.)	V114206	203BP0203Y
Physicians (M.D. and D.O.)	V114207	203BP0204Y
Physicians (M.D. and D.O.)	V114208	203BP0205Y
Physicians (M.D. and D.O.)	V114209	203BP0206Y
Physicians (M.D. and D.O.)	V114210	203BP0207Y
Physicians (M.D. and D.O.)	V114211	203BP0208Y
Physicians (M.D. and D.O.)	V114212	203BP0210Y
Physicians (M.D. and D.O.)	V114213	203BP0214Y
Physicians (M.D. and D.O.)	V114215	203BP0216Y
Physicians (M.D. and D.O.)	V114216	203BS0004Y
Physicians (M.D. and D.O.)	V114400	203BP2600N
Physicians (M.D. and D.O.)	V114500	203BP0400Y
Physicians (M.D. and D.O.)	V114600	203BP0500Y
Physicians (M.D. and D.O.)	V114601	203BA0101Y
Physicians (M.D. and D.O.)	V114602	203BT0001Y
Physicians (M.D. and D.O.)	V114603	203BX0104Y
Physicians (M.D. and D.O.)	V114604	203BX0105Y
Physicians (M.D. and D.O.)	V114605	203BP0901N
Physicians (M.D. and D.O.)	V114606	203BU0300Y
Physicians (M.D. and D.O.)	V114700	203BP0600Y
Physicians (M.D. and D.O.)	V114900	203BP0803Y
Physicians (M.D. and D.O.)	V114800	203BP0801Y
Physicians (M.D. and D.O.)	V114801	203BP0802Y
Physicians (M.D. and D.O.)	V114802	203BP0804Y
Physicians (M.D. and D.O.)	V114803	203BN0600Y
Physicians (M.D. and D.O.)	V114804	203BF0202N
Physicians (M.D. and D.O.)	V114805	203BP0805Y
Physicians (M.D. and D.O.)	V114806	
Physicians (M.D. and D.O.)	V114807	
Physicians (M.D. and D.O.)	V114808	203BP0800Y
Physicians (M.D. and D.O.)	V115000	

Physicians (M.D. and D.O.)	V115100	203BR0002Y
Physicians (M.D. and D.O.)	V115300	203BR0200Y
Physicians (M.D. and D.O.)	V115301	203BR0202Y
Physicians (M.D. and D.O.)	V115302	203BN0904Y
Physicians (M.D. and D.O.)	V115303	
Physicians (M.D. and D.O.)	V115304	203BR0001Y
Physicians (M.D. and D.O.)	V115305	203BR0205N
Physicians (M.D. and D.O.)	V115306	
Physicians (M.D. and D.O.)	V115307	203BR0204N
Physicians (M.D. and D.O.)	V115200	203BP0107N
Physicians (M.D. and D.O.)	V115400	203BR0402Y
Allopathic and Osteopathic Physicians	V115500	390200000X
Allopathic and Osteopathic Physicians	V115600	390200000X
Physicians (M.D. and D.O.)	V115800	203BS0133N
Physicians (M.D. and D.O.)	V115900	203BS0101Y
Physicians (M.D. and D.O.)	V116000	203BD0101Y
Physicians (M.D. and D.O.)	V116100	203BS0100Y
Physicians (M.D. and D.O.)	V116200	203BS0108N
Physicians (M.D. and D.O.)	V116300	
Physicians (M.D. and D.O.)	V116400	203BS0110Y
Physicians (M.D. and D.O.)	V116401	
Physicians (M.D. and D.O.)	V116500	203BS0111Y
Physicians (M.D. and D.O.)	V116600	203BS0113Y
Physicians (M.D. and D.O.)	V116700	203BS0114N
Physicians (M.D. and D.O.)	V116800	203BS0106Y
Physicians (M.D. and D.O.)	V116900	203BS0115N
Physicians (M.D. and D.O.)	V117000	203BS0116N
Physicians (M.D. and D.O.)	V117100	203BS0117N
Physicians (M.D. and D.O.)	V117200	
Physicians (M.D. and D.O.)	V117300	203BS0119N
Physicians (M.D. and D.O.)	V117500	203BS0122Y
Physicians (M.D. and D.O.)	V117600	
Physicians (M.D. and D.O.)	V117400	203BS0121Y
Physicians (M.D. and D.O.)	V117401	203BS0107Y
Physicians (M.D. and D.O.)	V115700	
Physicians (M.D. and D.O.)	V115701	203BS0129Y
Physicians (M.D. and D.O.)	V115702	
Physicians (M.D. and D.O.)	V115703	203BS0120Y
Physicians (M.D. and D.O.)	V115704	203BS0105Y
Physicians (M.D. and D.O.)	V115705	203BS0102Y
Physicians (M.D. and D.O.)	V117800	203BS0126Y
Physicians (M.D. and D.O.)	V117700	203BS0125Y
Physicians (M.D. and D.O.)	V117900	203BS0127N
Physicians (M.D. and D.O.)	V118000	203BS0128Y
Physicians (M.D. and D.O.)	V118100	203BU0001Y
Physicians (M.D. and D.O.)	V118200	203BU0100Y
Podiatric Medicine and Surgery Service	V120000	
Podiatric Medicine and Surgery Service Providers	V120100	211D00000X
Podiatric Medicine and Surgery Service Providers	V120200	213E00000X
Podiatric Medicine and Surgery Service	V120201	
Podiatric Medicine and Surgery Service	V120202	
Podiatric Medicine and Surgery Service	V120203	
Podiatric Medicine and Surgery Service Providers	V120204	213ES0103X
Podiatric Medicine and Surgery Service Providers	V120205	213ES0131X
Podiatric Medicine and Surgery Service Providers	V120206	213EG0000X
Podiatric Medicine and Surgery Service	V120207	
Podiatric Medicine and Surgery Service	V120208	
Podiatric Medicine and Surgery Service Providers	V120209	213EP1101X
Podiatric Medicine and Surgery Service Providers	V120210	213EP0504X
Podiatric Medicine and Surgery Service Providers	V120211	213ER0200X
Podiatric Medicine and Surgery Service Providers	V120212	213ES0000X
Chiropractic Providers	V020000	111N00000X
Chiropractic Providers	V020100	111NI0900X
Chiropractic Providers	V020200	111NN0400X
Chiropractic Providers	V020300	111NN1001X
Chiropractic Providers	V020400	111NX0100X
Chiropractic Providers	V020500	111NX0800X
Chiropractic Providers	V020600	111NR0200X
Chiropractic Providers	V020700	111NS0005X
Chiropractic Providers	V020800	111NT0100X
Physician Assistants and Advanced Practice Nursing Providers	V100000	363A00000X
Physician Assistants and Advanced Practice Nursing Providers	V100200	363AS0400X
Physician Assistants and Advanced Practice Nursing Providers	V100100	363AM0700X
Dental Service	V030000	
Dental Providers	V030100	126800000X
Dental Providers	V030200	124000000X
Dental Providers	V030300	390200000X
Dental Providers	V030400	126900000X
Dental Providers	V030500	122300000X
Dental Providers	V030501	1223E0200X
Dental Providers	V030502	1223G0001X
Dental Providers	V030504	1223S0112X
Dental Providers	V030503	1223P0106X
Dental Providers	V030505	1223X0400X
Dental Providers	V030506	1223P0221X
Dental Providers	V030507	1223P0300X
Dental Providers	V030508	1223P0700X
Dental Providers	V030509	1223D0001X
Dental Providers	V030600	122400000X
Eye and Vision Services	V060000	

Eye and Vision Services Providers	V060100	156FC0801X
Eye and Vision Services Providers	V060200	156FC0800X
Eye and Vision Services Providers	V060300	156FX1700X
Eye and Vision Services Providers	V060400	156FX1101X
Eye and Vision Services Providers	V060500	156FX1100X
Eye and Vision Services Providers	V060600	156FX1800X
Eye and Vision Services	V060700	
Eye and Vision Services Providers	V060800	152W00000X
Eye and Vision Services Providers	V060802	152WL0500X
Eye and Vision Services Providers	V060805	152WS0006X
Eye and Vision Services	V060801	152WC0800N
Eye and Vision Services Providers	V060804	152WP0200X
Eye and Vision Services Providers	V060803	152WX0102X
Eye and Vision Services Providers	V060806	152WV0400X
Eye and Vision Services Providers	V060900	156FX1900X
Speech, Language and Hearing Service	V140000	
Speech, Language and Hearing Service Providers	V140100	231H00000X
Speech, Language and Hearing Service Providers	V140200	237600000X
Speech, Language and Hearing Service Providers	V140300	237700000X
Speech, Language and Hearing Service	V140400	
Speech, Language and Hearing Service Providers	V140500	235Z00000X
Speech, Language and Hearing Service Providers	V140600	2355S0801X
Pharmacy Service	V090000	
Pharmacy Service Providers	V090100	183500000X
Pharmacy Service Providers	V090101	1835G0000X
Pharmacy Service Providers	V090102	1835N0905X
Pharmacy Service Providers	V090103	1835N1003X
Pharmacy Service Providers	V090104	1835P1200X
Pharmacy Service Providers	V090105	1835P1300X
Pharmacy Service	V090200	1847P3400N
Nursing Service	V070000	
Nursing Service	V070100	
Nursing Service	V070102	
Nursing Service	V070103	
Nursing Service	V070104	
Nursing Service	V070105	
Nursing Service Providers	V070101	163WP0809X
Nursing Service Providers	V070600	163WA2000X
Nursing Service	V070601	
Nursing Service	V070700	
Nursing Service	V070200	
Nursing Service Providers	V070300	163WM1400X
Nursing Service	V070400	
Nursing Service	V070500	
Nursing Service	V070501	
Nursing Service	V070502	
Nursing Service	V070503	
Nursing Service	V070504	
Nursing Service	V070505	
Nursing Service	V070506	
Nursing Service	V070507	
Nursing Service Providers	V070900	163W00000X
Nursing Service Providers	V070901	163WA0400X
Nursing Service Providers	V070902	163WP2201X
Nursing Service Providers	V070903	163WM0101X
Nursing Service Providers	V070904	163WC3500X
Nursing Service Providers	V070905	163WC0400X
Nursing Service Providers	V070906	163WC1400X
Nursing Service Providers	V070907	163WC1500X
Nursing Service Providers	V070908	163WC2100X
Nursing Service Providers	V070909	163WC0200X
Nursing Service Providers	V070910	163WD0400X
Nursing Service Providers	V070911	163WE0003X
Nursing Service Providers	V070912	163WE0900X
Nursing Service Providers	V070913	163WF0300X
Nursing Service Providers	V070914	163WG0100X
Nursing Service Providers	V070915	163WG0000X
Nursing Service Providers	V070916	163WG0600X
Nursing Service Providers	V070917	163WH0500X
Nursing Service Providers	V070918	163WX0002X
Nursing Service Providers	V070919	163WH0200X
Nursing Service Providers	V070920	163WH1000X
Nursing Service Providers	V070921	163WI0600X
Nursing Service Providers	V070922	163WX0003X
Nursing Service Providers	V070923	163WI0500X
Nursing Service Providers	V070924	163WL0100X
Nursing Service Providers	V070925	163WN0003X
Nursing Service Providers	V070926	163WM0102X
Nursing Service Providers	V070927	163WM0705X
Nursing Service Providers	V070928	163WN0002X
Nursing Service Providers	V070929	163WN0300X
Nursing Service Providers	V070930	163WN0800X
Nursing Service Providers	V070931	163WC1600X
Nursing Service Providers	V070932	163WN1003X
Nursing Service Providers	V070933	163WX0106X
Nursing Service Providers	V070934	163WX0200X
Nursing Service	V070935	163WX1000N
Nursing Service Providers	V070936	163WX1100X
Nursing Service Providers	V070937	163WX0800X
Nursing Service Providers	V070938	163WX1500X

Nursing Service Providers	V070939	163WX0601X
Nursing Service Providers	V070940	163WP0000X
Nursing Service Providers	V070941	163WP0200X
Nursing Service Providers	V070942	163WP0218X
Nursing Service Providers	V070943	163WP1700X
Nursing Service Providers	V070944	163WD1100X
Nursing Service Providers	V070945	163WS0121X
Nursing Service	V070946	163WP2200N
Nursing Service Providers	V070947	163WP0808X
Nursing Service Providers	V070948	163WR0400X
Nursing Service Providers	V070949	163WR1000X
Nursing Service Providers	V070950	163WS0200X
Nursing Service Providers	V070951	163WU0100X
Nursing Service Providers	V070952	163WW0000X
Nursing Service	V070800	
Nursing Service	V070801	
Nursing Service	V070803	
Nursing Service Providers	V070804	164W00000X
Nursing Service	V070806	
Nursing Service Providers	V070805	164X00000X
Nursing Service Providers	V070802	390200000X
Dietary and Nutritional Service	V040000	
Dietary and Nutritional Service	V040100	1327D0700N
Dietary and Nutritional Service	V040101	
Dietary and Nutritional Service Providers	V040300	133N00000X
Dietary and Nutritional Service Providers	V040301	133NN1002X
Dietary and Nutritional Service Providers	V040200	136A00000X
Dietary and Nutritional Service Providers	V040400	133V00000X
Dietary and Nutritional Service Providers	V040401	133VN1006X
Dietary and Nutritional Service Providers	V040402	133VN1004X
Dietary and Nutritional Service Providers	V040403	133VN1005X
Emergency Medical Service	V050000	
Emergency Medical Service Providers	V050100	146N00000X
Emergency Medical Service Providers	V050200	146M00000X
Emergency Medical Service Providers	V050300	146L00000X
Emergency Medical Service	V050400	
Behavioral Health and Social Service	V010000	
Behavioral Health and Social Service Providers	V010400	103T00000X
Behavioral Health and Social Service Providers	V010401	103TB0200X
Behavioral Health and Social Service Providers	V010403	103TC0700X
Behavioral Health and Social Service Providers	V010402	103GC0700X
Behavioral Health and Social Service Providers	V010404	103TC1900X
Behavioral Health and Social Service Providers	V010405	103TF0000X
Behavioral Health and Social Service Providers	V010406	103TF0200X
Behavioral Health and Social Service Providers	V010407	103TH0100X
Behavioral Health and Social Service Providers	V010408	103TS0200X
Behavioral Health and Social Service	V010300	103S00000N
Behavioral Health and Social Service	V010301	103SA1800N
Behavioral Health and Social Service	V010302	103SA1400N
Behavioral Health and Social Service Providers	V010200	101Y00000X
Behavioral Health and Social Service Providers	V010201	101YA0400X
Behavioral Health and Social Service Providers	V010202	106H00000X
Behavioral Health and Social Service Providers	V010203	101YM0800X
Behavioral Health and Social Service Providers	V010204	101YP1600X
Behavioral Health and Social Service Providers	V010205	101YP2500X
Behavioral Health and Social Service Providers	V010206	101YS0200X
Behavioral Health and Social Service Providers	V010600	104100000X
Behavioral Health and Social Service Providers	V010100	1041C0700X
Behavioral Health and Social Service Providers	V010500	1041S0200X
Respiratory, Rehabilitative and Restorative Service	V130000	
Respiratory, Rehabilitative and Restorative Service	V130504	
Respiratory, Rehabilitative and Restorative Service	V130505	
Respiratory, Rehabilitative and Restorative Service Providers	V130506	225B00000X
Respiratory, Rehabilitative and Restorative Service	V130508	225900000N
Respiratory, Rehabilitative and Restorative Service	V130501	
Respiratory, Rehabilitative and Restorative Service	V130502	
Respiratory, Rehabilitative and Restorative Service	V130503	
Respiratory, Rehabilitative and Restorative Service	V130507	
Respiratory, Rehabilitative and Restorative Service	V130509	
Respiratory, Rehabilitative and Restorative Service	V130510	
Respiratory, Rehabilitative and Restorative Service Providers	V130300	225100000X
Respiratory, Rehabilitative and Restorative Service Providers	V130301	2251C2600X
Respiratory, Rehabilitative and Restorative Service Providers	V130302	2251E1300X
Respiratory, Rehabilitative and Restorative Service Providers	V130303	2251G0304X
Respiratory, Rehabilitative and Restorative Service Providers	V130305	2251N0400X
Respiratory, Rehabilitative and Restorative Service Providers	V130306	2251X0800X
Respiratory, Rehabilitative and Restorative Service Providers	V130307	2251P0200X
Respiratory, Rehabilitative and Restorative Service Providers	V130309	2251S0007X
Respiratory, Rehabilitative and Restorative Service Providers	V130304	2251H1200X
Respiratory, Rehabilitative and Restorative Service Providers	V130308	225200000X
Respiratory, Rehabilitative and Restorative Service Providers	V130400	225400000X
Respiratory, Rehabilitative and Restorative Service	V130401	
Respiratory, Rehabilitative and Restorative Service	V130402	
Respiratory, Rehabilitative and Restorative Service Providers	V130405	390200000X
Respiratory, Rehabilitative and Restorative Service	V130403	
Respiratory, Rehabilitative and Restorative Service Providers	V130404	225C00000X
Respiratory, Rehabilitative and Restorative Service Providers	V130100	225X00000X
Respiratory, Rehabilitative and Restorative Service Providers	V130101	224Z00000X
Respiratory, Rehabilitative and Restorative Service	V130103	
Respiratory, Rehabilitative and Restorative Service Providers	V130102	225XH1200X

Respiratory, Rehabilitative and Restorative Service	V130200	
Respiratory, Rehabilitative and Restorative Service Providers	V130201	221700000X
Respiratory, Rehabilitative and Restorative Service Providers	V130202	2255A2300X
Respiratory, Rehabilitative and Restorative Service Providers	V130203	225600000X
Respiratory, Rehabilitative and Restorative Service Providers	V130204	225700000X
Respiratory, Rehabilitative and Restorative Service Providers	V130205	225A00000X
Respiratory, Rehabilitative and Restorative Service Providers	V130206	2255R0406X
Respiratory, Rehabilitative and Restorative Service Providers	V130207	225000000X
Respiratory, Rehabilitative and Restorative Service	V130208	
Respiratory, Rehabilitative and Restorative Service Providers	V130209	225800000X
Respiratory, Rehabilitative and Restorative Service	V130212	
Respiratory, Rehabilitative and Restorative Service	V130210	
Respiratory, Rehabilitative and Restorative Service	V130211	
Technologists, Technicians and Other Technical Service	V150000	
Technologists, Technicians and Other Technical Service	V150100	
Technologists, Technicians and Other Technical Service	V150101	
Technologists, Technicians and Other Technical Service	V150102	
Technologists, Technicians and Other Technical Service	V150103	
Technologists, Technicians and Other Technical Service Providers	V150104	246QL0901X
Technologists, Technicians and Other Technical Service Providers	V150105	246QH0401X
Technologists, Technicians and Other Technical Service Providers	V150106	246RH0600X
Technologists, Technicians and Other Technical Service Providers	V150107	246QH0600X
Technologists, Technicians and Other Technical Service Providers	V150108	246RM2200X
Technologists, Technicians and Other Technical Service Providers	V150109	246QM0706X
Technologists, Technicians and Other Technical Service Providers	V150110	246RP1900X
Technologists, Technicians and Other Technical Service Providers	V150111	246QB0000X
Technologists, Technicians and Other Technical Service Providers	V150112	246QC1000X
Technologists, Technicians and Other Technical Service Providers	V150113	246QC2700X
Technologists, Technicians and Other Technical Service Providers	V150114	246QH0000X
Technologists, Technicians and Other Technical Service Providers	V150115	246QM0900X
Technologists, Technicians and Other Technical Service	V150116	
Technologists, Technicians and Other Technical Service	V150117	
Technologists, Technicians and Other Technical Service	V150118	
Technologists, Technicians and Other Technical Service Providers	V150119	246QI0000X
Technologists, Technicians and Other Technical Service	V150120	
Technologists, Technicians and Other Technical Service	V150200	
Technologists, Technicians and Other Technical Service Providers	V150201	246ZB0301X
Technologists, Technicians and Other Technical Service Providers	V150202	2472B0301X
Technologists, Technicians and Other Technical Service	V150203	246VC2901N
Technologists, Technicians and Other Technical Service	V150204	246VC0100N
Technologists, Technicians and Other Technical Service	V150205	246VC2400N
Technologists, Technicians and Other Technical Service	V150206	
Technologists, Technicians and Other Technical Service	V150207	246VP3600N
Technologists, Technicians and Other Technical Service	V150208	246WE0400N
Technologists, Technicians and Other Technical Service Providers	V150209	2472E0500X
Technologists, Technicians and Other Technical Service Providers	V150210	246ZE0500X
Technologists, Technicians and Other Technical Service Providers	V150211	246ZE0600X
Technologists, Technicians and Other Technical Service Providers	V150212	246ZG0701X
Technologists, Technicians and Other Technical Service	V150213	
Technologists, Technicians and Other Technical Service Providers	V150214	246ZG1000X
Technologists, Technicians and Other Technical Service	V150215	
Technologists, Technicians and Other Technical Service Providers	V150216	2472R0900X
Technologists, Technicians and Other Technical Service	V150217	
Technologists, Technicians and Other Technical Service Providers	V150218	246ZS0400X
Technologists, Technicians and Other Technical Service	V150219	
Technologists, Technicians and Other Technical Service	V150300	
Technologists, Technicians and Other Technical Service Providers	V150301	2471C1101X
Technologists, Technicians and Other Technical Service	V150302	
Technologists, Technicians and Other Technical Service Providers	V150303	2472D0500X
Technologists, Technicians and Other Technical Service	V150304	246VS1301N
Technologists, Technicians and Other Technical Service	V150305	
Technologists, Technicians and Other Technical Service Providers	V150306	2471S1302X
Technologists, Technicians and Other Technical Service	V150307	
Technologists, Technicians and Other Technical Service Providers	V150308	2471M2300X
Technologists, Technicians and Other Technical Service	V150309	
Technologists, Technicians and Other Technical Service Providers	V150310	2471N0900X
Technologists, Technicians and Other Technical Service	V150311	2471R0003N
Technologists, Technicians and Other Technical Service Providers	V150312	2471R0002X
Technologists, Technicians and Other Technical Service	V150313	2471R1500N
Technologists, Technicians and Other Technical Service	V150314	
Technologists, Technicians and Other Technical Service	V150315	
Technologists, Technicians and Other Technical Service	V150316	2471D1300N
Technologists, Technicians and Other Technical Service	V150317	
Technologists, Technicians and Other Technical Service	V150400	
Technologists, Technicians and Other Technical Service	V150401	
Technologists, Technicians and Other Technical Service	V150402	
Technologists, Technicians and Other Technical Service Providers	V150403	246ZB0302X
Technologists, Technicians and Other Technical Service Providers	V150404	246ZB0600X
Technologists, Technicians and Other Technical Service	V150405	
Technologists, Technicians and Other Technical Service Providers	V150406	246ZA2600X
Technologists, Technicians and Other Technical Service Providers	V150407	246ZI1000X
Technologists, Technicians and Other Technical Service	V150408	
Technologists, Technicians and Other Technical Service	V150409	
Technologists, Technicians & Other Technical Services	V150410	
Technologists, Technicians and Other Technical Service	V150411	
Technologists, Technicians and Other Technical Service	V150412	
Technologists, Technicians & Other Technical Services	V150413	
Technologists, Technicians and Other Technical Service Providers	V150414	2472V0600X
Other Service	V080000	
Other Service Providers	V080100	171100000X

Other Service Providers	V080200	172A00000X
Other Service	V080212	
Other Service	V080203	
Other Service	V080201	
Other Service	V080300	
Other Service	V080400	
Other Service Providers	V080500	171WH0202X
Other Service	V080600	
Other Service Providers	V080700	175L00000X
Other Service	V080800	
Other Service	V080900	
Other Service Providers	V081000	175M00000X
Other Service Providers	V081100	175F00000X
Other Service	V081200	
Other Service	V081400	
Other Service	V081500	
Other Service	V081600	
Other Service	V081300	
Respiratory, Rehabilitative and Restorative Service	V130500	
Behavioral Health and Social Service Providers	V010409	103TA0400X
Behavioral Health and Social Service Providers	V010410	103TA0700X
Behavioral Health and Social Service Providers	V010411	103TC2200X
Behavioral Health and Social Service Providers	V010412	103TE1000X
Behavioral Health and Social Service Providers	V010413	103TE1100X
Behavioral Health and Social Service Providers	V010414	103TM1700X
Behavioral Health and Social Service Providers	V010415	103TM1800X
Behavioral Health and Social Service Providers	V010416	103TP2700X
Behavioral Health and Social Service Providers	V010417	103TP2701X
Behavioral Health and Social Service Providers	V010418	103TR0400X
Behavioral Health and Social Service Providers	V010419	103TW0100X
Eye and Vision Services Providers	V060701	156FX1201X
Eye and Vision Services Providers	V060702	156FX1202X
Physician Assistants and Advanced Practice Nursing Providers	V100301	364SA2100X
Physician Assistants and Advanced Practice Nursing Providers	V100302	364SA2200X
Physician Assistants and Advanced Practice Nursing Providers	V100305	364SC0200X
Physician Assistants and Advanced Practice Nursing Providers	V100303	364SC2300X
Physician Assistants and Advanced Practice Nursing Providers	V100306	364SE0003X
Physician Assistants and Advanced Practice Nursing Providers	V100307	364SE1400X
Physician Assistants and Advanced Practice Nursing Providers	V100308	364SF0001X
Physician Assistants and Advanced Practice Nursing Providers	V100311	364SH0200X
Physician Assistants and Advanced Practice Nursing Providers	V100310	364SH1100X
Physician Assistants and Advanced Practice Nursing Providers	V100312	364SI0800X
Physician Assistants and Advanced Practice Nursing Providers	V100313	364SL0600X
Physician Assistants and Advanced Practice Nursing Providers	V100315	364SN0000X
Physician Assistants and Advanced Practice Nursing Providers	V100316	364SN0004N
Physician Assistants and Advanced Practice Nursing Providers	V100317	364SN0800X
Physician Assistants and Advanced Practice Nursing Providers	V100321	364SP0200X
Physician Assistants and Advanced Practice Nursing Providers	V100324	364SP0808X
Physician Assistants and Advanced Practice Nursing Providers	V100325	364SP0809X
Physician Assistants and Advanced Practice Nursing Providers	V100327	364SP0810X
Physician Assistants and Advanced Practice Nursing Providers	V100328	364SP0811X
Physician Assistants and Advanced Practice Nursing Providers	V100329	364SP0812X
Physician Assistants and Advanced Practice Nursing Providers	V100330	364SP0813X
Physician Assistants and Advanced Practice Nursing Providers	V100322	364SP1700X
Physician Assistants and Advanced Practice Nursing Providers	V100323	364SP2800X
Physician Assistants and Advanced Practice Nursing Providers	V100331	364SR0400X
Physician Assistants and Advanced Practice Nursing Providers	V100332	364SR1300N
Physician Assistants and Advanced Practice Nursing Providers	V100333	364SS0200X
Physician Assistants and Advanced Practice Nursing Providers	V100334	364ST0500X
Physician Assistants and Advanced Practice Nursing Providers	V100335	364SW0102X
Physician Assistants and Advanced Practice Nursing Providers	V100318	364SX0106X
Physician Assistants and Advanced Practice Nursing Providers	V100319	364SX0200X
Physician Assistants and Advanced Practice Nursing Providers	V100320	364SX0204X
Physician Assistants and Advanced Practice Nursing Providers	V100601	363LA2100X
Physician Assistants and Advanced Practice Nursing Providers	V100604	363LC0200X
Physician Assistants and Advanced Practice Nursing Providers	V100603	363LC1500X
Physician Assistants and Advanced Practice Nursing Providers	V100608	363LN0005X
Physician Assistants and Advanced Practice Nursing Providers	V100613	363LP0222X
Physician Assistants and Advanced Practice Nursing Providers	V100612	363LP0223N
Physician Assistants and Advanced Practice Nursing Providers	V100616	363LP0808X
Physician Assistants and Advanced Practice Nursing Providers	V100614	363LP1700X
Physician Assistants and Advanced Practice Nursing Providers	V100615	363LP2300X
Physician Assistants and Advanced Practice Nursing Providers	V100618	363LW0102X
Physician Assistants and Advanced Practice Nursing Providers	V100610	363LX0106X
Nursing Service Providers	V070953	163WP0807X
Other Service Providers	V081700	176P00000X
Physicians (M.D. and D.O.)	V118301	203BA0000Y
Physicians (M.D. and D.O.)	V118302	203BA0001N
Physicians (M.D. and D.O.)	V118303	203BA0100Y
Physicians (M.D. and D.O.)	V118304	203BA0202N
Physicians (M.D. and D.O.)	V118305	203BA0501N
Physicians (M.D. and D.O.)	V118306	203BA0502N
Physicians (M.D. and D.O.)	V118307	203BA0503N
Physicians (M.D. and D.O.)	V118308	203BA0504N
Physicians (M.D. and D.O.)	V118309	203BB0000N
Physicians (M.D. and D.O.)	V118310	203BC0001Y
Physicians (M.D. and D.O.)	V118311	203BC0200Y
Physicians (M.D. and D.O.)	V118312	203BD0300N
Physicians (M.D. and D.O.)	V118313	203BE0100Y
Physicians (M.D. and D.O.)	V118314	203BG0300N



Physicians (M.D. and D.O.)	V118315	203BG0400N
Physicians (M.D. and D.O.)	V118316	203BH0000Y
Physicians (M.D. and D.O.)	V118317	203BI0001N
Physicians (M.D. and D.O.)	V118318	203BI0003Y
Physicians (M.D. and D.O.)	V118319	203BI0004Y
Physicians (M.D. and D.O.)	V118320	203BI0400N
Physicians (M.D. and D.O.)	V118321	203BN0100Y
Physicians (M.D. and D.O.)	V118322	203BP0903Y
Physicians (M.D. and D.O.)	V118323	203BP1200N
Physicians (M.D. and D.O.)	V118324	203BP1300N
Physicians (M.D. and D.O.)	V118325	203BP2900N
Physicians (M.D. and D.O.)	V118326	203BR0201Y
Physicians (M.D. and D.O.)	V118327	203BR0203N
Physicians (M.D. and D.O.)	V118328	203BR0300N
Physicians (M.D. and D.O.)	V118329	203BR0600N
Physicians (M.D. and D.O.)	V118330	203BR0700Y
Physicians (M.D. and D.O.)	V118331	203BR0701Y
Physicians (M.D. and D.O.)	V118332	203BS0000Y
Physicians (M.D. and D.O.)	V118333	203BS0104N
Physicians (M.D. and D.O.)	V118334	203BS0123Y
Physicians (M.D. and D.O.)	V118335	203BT0000Y
Physicians (M.D. and D.O.)	V118336	203BT0100N
Physicians (M.D. and D.O.)	V118337	203BX0100Y
Physicians (M.D. and D.O.)	V118338	203BX0200Y
Physicians (M.D. and D.O.)	V118339	203BX0601N
Physicians (M.D. and D.O.)	V118340	203BX0800N
Respiratory, Rehabilitative and Restorative Service Providers	V130213	222Z00000X
Respiratory, Rehabilitative and Restorative Service Providers	V130214	224P00000X
Respiratory, Rehabilitative and Restorative Service	V130310	2251C0400N
Respiratory, Rehabilitative and Restorative Service Providers	V130311	2251E1200X
Respiratory, Rehabilitative and Restorative Service Providers	V130312	2251H1300X
Respiratory, Rehabilitative and Restorative Service	V130511	2259P1700N
Respiratory, Rehabilitative and Restorative Service Providers	V130406	225CA2400X
Respiratory, Rehabilitative and Restorative Service Providers	V130407	225CA2500X
Respiratory, Rehabilitative and Restorative Service	V130104	225XC0400N
Respiratory, Rehabilitative and Restorative Service Providers	V130105	225XE1200X
Respiratory, Rehabilitative and Restorative Service Providers	V130106	225XH1300X
Respiratory, Rehabilitative and Restorative Service Providers	V130107	225XN1300X
Respiratory, Rehabilitative and Restorative Service Providers	V130108	225XP0200X
Respiratory, Rehabilitative and Restorative Service Providers	V130109	225XR0403X
Respiratory, Rehabilitative and Restorative Service Providers	V130600	226300000X
Speech, Language and Hearing Service Providers	V140101	231HA2400X
Speech, Language and Hearing Service Providers	V140102	231HA2500X
Speech, Language and Hearing Service Providers	V140701	2355A2700X
Other Service Providers	V081905	1744P3200X
Technologists, Technicians and Other Technical Service Providers	V150601	246QL0900X
Technologists, Technicians and Other Technical Service	V150701	246VC2902N
Technologists, Technicians and Other Technical Service	V150702	246VC2903N
Technologists, Technicians and Other Technical Service	V150703	246VV0100N
Technologists, Technicians and Other Technical Service	V150801	246WC3000N
Technologists, Technicians and Other Technical Service Providers	V150901	246YC3301X
Technologists, Technicians and Other Technical Service Providers	V150902	246YC3302X
Technologists, Technicians and Other Technical Service Providers	V151001	246ZB0500X
Technologists, Technicians and Other Technical Service	V151002	246ZF0200N
Technologists, Technicians and Other Technical Service Providers	V151003	246ZN0300X
Technologists, Technicians and Other Technical Service	V151004	246ZV0500N
Technologists, Technicians and Other Technical Service Providers	V150318	2471C3401X
Technologists, Technicians and Other Technical Service Providers	V150319	2471C3402X
Technologists, Technicians and Other Technical Service	V150320	2471M1201N
Technologists, Technicians and Other Technical Service Providers	V150321	2471M1202X
Technologists, Technicians and Other Technical Service Providers	V150322	2471Q0001X
Technologists, Technicians and Other Technical Service	V150323	2471Q0002N
Physicians (Other Roles)	V160101	353BL0002N
Physicians (Other Roles)	V160102	353BS0900N
Other Service Providers	V081800	173000000X
Other Service Providers	V081901	1744G0900X
Other Service Providers	V081903	1744R1103X
Other Service Providers	V081904	1744R1102X
Other Service Providers	V082001	174MM1900X
Technologists, Technicians and Other Technical Service Providers	V150903	246YR1600X
Technologists, Technicians and Other Technical Service Providers	V151101	2470A2800X
Physician Assistants and Advanced Practice Nursing Providers	V100300	364S00000X
Physician Assistants and Advanced Practice Nursing Providers	V100304	364SC1501X
Physician Assistants and Advanced Practice Nursing Providers	V100309	364SG0600X
Physician Assistants and Advanced Practice Nursing Providers	V100314	364SM0705X
Physician Assistants and Advanced Practice Nursing Providers	V100326	364SP0807X
Physician Assistants & Advanced Practice Nursing	V100400	366B00000N
Physician Assistants and Advanced Practice Nursing Providers	V100500	367500000X
Physician Assistants and Advanced Practice Nursing Providers	V100600	363L00000X
Physician Assistants and Advanced Practice Nursing Providers	V100602	363LA2200X
Physician Assistants and Advanced Practice Nursing Providers	V100605	363LF0000X
Physician Assistants and Advanced Practice Nursing Providers	V100606	363LG0600X
Physician Assistants and Advanced Practice Nursing Providers	V100607	363LN0000X
Physician Assistants and Advanced Practice Nursing Providers	V100609	363LX0001X
Physician Assistants and Advanced Practice Nursing Providers	V100611	363LP0200X
Physician Assistants and Advanced Practice Nursing Providers	V100617	363LS0200X
Nursing Service Related Providers	V170100	374T00000X
Nursing Service Related Providers	V170200	374U00000X
Nursing Service Related Providers	V170300	376J00000X
Nursing Service Related Providers	V170400	376K00000X

Nursing Service Related Providers	V170600	3747P1801X
Nursing Service Related Providers	V170500	376G00000X
Behavioral Health and Social Service Providers	V010420	103G00000X
Dietary and Nutritional Service Providers	V040102	132700000X
Eye and Vision Services Providers	V060201	156F00000X
Other Service Providers	V082100	170100000X
Other Service Providers	V080501	171W00000X
Other Service	V082200	173W00000X
Other Service Providers	V081900	174400000X
Other Service Providers	V082000	174M00000X
Other Service Providers	V081001	176B00000X
Pharmacy Service	V090201	184700000X
Physicians (M.D. and D.O.)	V110403	203BA0004X
Physicians (M.D. and D.O.)	V110703	203BD0002X
Physicians (M.D. and D.O.)	V110804	203BE0005X
Physicians (M.D. and D.O.)	V111517	203BI0008X
Physicians (M.D. and D.O.)	V111519	203BI0009X
Physicians (M.D. and D.O.)	V111521	203BI0010X
Physicians (M.D. and D.O.)	V111518	203BI0011X
Physicians (M.D. and D.O.)	V111610	203BL0001X
Physicians (M.D. and D.O.)	V111906	203BM0001X
Physicians (M.D. and D.O.)	V112101	203BN0006X
Physicians (M.D. and D.O.)	V110404	203BP0000X
Physicians (M.D. and D.O.)	V117402	203BP0002X
Physicians (M.D. and D.O.)	V113715	203BP0003X
Physicians (M.D. and D.O.)	V114504	203BP0004X
Physicians (M.D. and D.O.)	V114809	203BP0005X
Physicians (M.D. and D.O.)	V114002	203BP0006X
Physicians (M.D. and D.O.)	V113716	203BP0007X
Physicians (M.D. and D.O.)	V114001	203BP0008X
Physicians (M.D. and D.O.)	V114501	203BP0009X
Physicians (M.D. and D.O.)	V114502	203BP0010X
Physicians (M.D. and D.O.)	V114608	203BP0011X
Physicians (M.D. and D.O.)	V117403	203BP0013X
Physicians (M.D. and D.O.)	V114810	203BP0014X
Physicians (M.D. and D.O.)	V111520	203BP3700X
Physicians (M.D. and D.O.)	V115308	203BR0004X
Physicians (M.D. and D.O.)	V115309	203BR0005X
Physicians (M.D. and D.O.)	V118343	203BS0008X
Physicians (M.D. and D.O.)	V114607	203BS0009X
Physicians (M.D. and D.O.)	V114503	203BS0010X
Physicians (M.D. and D.O.)	V116801	203BS0134X
Physicians (M.D. and D.O.)	V118201	203BU0002X
Physicians (M.D. and D.O.)	V118341	203BX0004X
Physicians (M.D. and D.O.)	V118342	203BX0005X
Physicians (M.D. and D.O.)	V113001	203BX0006X
Respiratory, Rehabilitative and Restorative Service Providers	V130215	225500000X
Respiratory, Rehabilitative and Restorative Service Providers	V130512	227800000X
Respiratory, Rehabilitative and Restorative Service Providers	V130513	227900000X
Speech, Language and Hearing Service Providers	V140601	235500000X
Technologists, Technicians and Other Technical Service Providers	V150121	246Q00000X
Technologists, Technicians and Other Technical Service Providers	V150122	246R00000X
Technologists, Technicians and Other Technical Service	V150704	246V00000X
Technologists, Technicians and Other Technical Service Providers	V150220	246W00000X
Technologists, Technicians and Other Technical Service Providers	V150900	246Y00000X
Technologists, Technicians and Other Technical Service Providers	V151000	246Z00000X
Technologists, Technicians and Other Technical Service Providers	V151100	247000000X
Technologists, Technicians and Other Technical Service Providers	V150324	247100000X
Technologists, Technicians and Other Technical Service Providers	V150221	247200000X
Physicians (Other Roles)	V160100	353B00000X
Physician Assistants and Advanced Practice Nursing Providers	V100401	367A00000X
Nursing Service Related Providers	V170601	374700000X
Behavioral Health and Social Service Providers	V010421	103TP0814X
Dental Providers	V030510	1223X0008X
Emergency Medical Service Providers	V050500	146D00000X
Eye and Vision Services Providers	V060807	152WC0802X
Nursing Service Providers	V070807	167G00000X
Other Service Providers	V080502	171WV0202X
Other Service Providers	V082300	177F00000X
Pharmacy Service Providers	V090300	183700000X
Allopathic and Osteopathic Physicians	V181600	204C00000X
Allopathic and Osteopathic Physicians	V181500	204D00000X
Allopathic and Osteopathic Physicians	V182000	204E00000X
Allopathic and Osteopathic Physicians	V183300	204F00000X
Allopathic and Osteopathic Physicians	V180100	207K00000X
Allopathic and Osteopathic Physicians	V180101	207KA0200X
Allopathic and Osteopathic Physicians	V180102	207KI0005X
Allopathic and Osteopathic Physicians	V180200	207L00000X
Allopathic and Osteopathic Physicians	V180201	207LA0401X
Allopathic and Osteopathic Physicians	V180202	207LC0200X
Allopathic and Osteopathic Physicians	V180203	207LP2900X
Allopathic and Osteopathic Physicians	V180500	207N00000X
Allopathic and Osteopathic Physicians	V180504	207ND0101X
Allopathic and Osteopathic Physicians	V180503	207ND0900X
Allopathic and Osteopathic Physicians	V180501	207NI0002X
Allopathic and Osteopathic Physicians	V180505	207NP0225X
Allopathic and Osteopathic Physicians	V180502	207NS0135X
Allopathic and Osteopathic Physicians	V180600	207P00000X
Allopathic and Osteopathic Physicians	V180601	207PE0004X
Allopathic and Osteopathic Physicians	V180605	207PE0005X

Allopathic and Osteopathic Physicians	V180603	207PP0204X
Allopathic and Osteopathic Physicians	V180604	207PS0010X
Allopathic and Osteopathic Physicians	V180602	207PT0002X
Allopathic and Osteopathic Physicians	V180700	207Q00000X
Allopathic and Osteopathic Physicians	V180702	207QA0000X
Allopathic and Osteopathic Physicians	V180701	207QA0401X
Allopathic and Osteopathic Physicians	V180703	207QA0505X
Allopathic and Osteopathic Physicians	V180704	207QG0300X
Allopathic and Osteopathic Physicians	V180705	207QS0010X
Allopathic and Osteopathic Physicians	V181000	207R00000X
Allopathic and Osteopathic Physicians	V181002	207RA0000X
Allopathic and Osteopathic Physicians	V181003	207RA0201X
Allopathic and Osteopathic Physicians	V181001	207RA0401X
Allopathic and Osteopathic Physicians	V181004	207RC0000X
Allopathic and Osteopathic Physicians	V181006	207RC0001X
Allopathic and Osteopathic Physicians	V181007	207RC0200X
Allopathic and Osteopathic Physicians	V181008	207RE0101X
Allopathic and Osteopathic Physicians	V181009	207RG0100X
Allopathic and Osteopathic Physicians	V181010	207RG0300X
Allopathic and Osteopathic Physicians	V181011	207RH0000X
Allopathic and Osteopathic Physicians	V181012	207RH0003X
Allopathic and Osteopathic Physicians	V181005	207RI0001X
Allopathic and Osteopathic Physicians	V181013	207RI0008X
Allopathic and Osteopathic Physicians	V181015	207RI0011X
Allopathic and Osteopathic Physicians	V181014	207RI0200X
Allopathic and Osteopathic Physicians	V181016	207RM1200X
Allopathic and Osteopathic Physicians	V181018	207RN0300X
Allopathic and Osteopathic Physicians	V181019	207RP1001X
Allopathic and Osteopathic Physicians	V181020	207RR0500X
Allopathic and Osteopathic Physicians	V181021	207RS0010X
Allopathic and Osteopathic Physicians	V181017	207RX0202X
Allopathic and Osteopathic Physicians	V181301	207SC0300X
Allopathic and Osteopathic Physicians	V181302	207SG0201X
Allopathic and Osteopathic Physicians	V181200	207SG0202X
Allopathic and Osteopathic Physicians	V181303	207SG0203X
Allopathic and Osteopathic Physicians	V181305	207SG0205X
Allopathic and Osteopathic Physicians	V181304	207SM0001X
Allopathic and Osteopathic Physicians	V181400	207T00000X
Allopathic and Osteopathic Physicians	V181700	207U00000X
Allopathic and Osteopathic Physicians	V181702	207UN0901X
Allopathic and Osteopathic Physicians	V181703	207UN0902X
Allopathic and Osteopathic Physicians	V181701	207UN0903X
Allopathic and Osteopathic Physicians	V181800	207V00000X
Allopathic and Osteopathic Physicians	V181801	207VC0200X
Allopathic and Osteopathic Physicians	V181806	207VE0102X
Allopathic and Osteopathic Physicians	V181803	207VG0400X
Allopathic and Osteopathic Physicians	V181804	207VM0101X
Allopathic and Osteopathic Physicians	V181805	207VX0000X
Allopathic and Osteopathic Physicians	V181802	207VX0201X
Allopathic and Osteopathic Physicians	V181900	207W00000X
Allopathic and Osteopathic Physicians	V182100	207X00000X
Allopathic and Osteopathic Physicians	V182103	207XS0106X
Allopathic and Osteopathic Physicians	V182101	207XS0114X
Allopathic and Osteopathic Physicians	V182104	207XS0117X
Allopathic and Osteopathic Physicians	V182102	207XX0004X
Allopathic and Osteopathic Physicians	V182106	207XX0005X
Allopathic and Osteopathic Physicians	V182105	207XX0801X
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  <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <urn:id root="2.16.840.1.113883.4.349"/>
  </urn:scopingOrganization>
</urn:asOtherIDs>
<urn:asOtherIDs classCode="Sched_Narcotic">
  <urn:id extension="MC1287829^1^1^0^0^1^1" root="2.16.840.1.113883.4.349"/>
  <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <urn:id root="2.16.840.1.113883.4.349"/>
  </urn:scopingOrganization>
</urn:asOtherIDs>
<urn:asOtherIDs classCode="PersonClass">
  <urn:id extension="363A00000X" root="2.16.840.1.113883.4.349"/>
  <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <urn:id root="2.16.840.1.113883.4.349"/>
  </urn:scopingOrganization>
</urn:asOtherIDs>
<urn:asOtherIDs classCode="ITIN">
  <urn:id extension="99-4477002" root="2.16.840.1.113883.4.2"/>
  <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <urn:id root="2.16.840.1.113883.4.349"/>
  </urn:scopingOrganization>
</urn:asOtherIDs>
<urn:asOtherIDs classCode="DEGREE">
  <urn:id extension="MD" root="2.16.840.1.113883.4.349"/>
  <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <urn:id root="2.16.840.1.113883.4.349"/>
  </urn:scopingOrganization>
</urn:asOtherIDs>

```

```

        <urn:asOtherIDs classCode="AuthWriteMedOrders">
        <urn:id extension="No" root="2.16.840.1.113883.4.349"/>
        <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
        <urn:id root="2.16.840.1.113883.4.349"/>
        </urn:scopingOrganization>
    </urn:asOtherIDs>
    <urn:asOtherIDs classCode="ProviderClass">
        <urn:id extension="DENTIST" root="2.16.840.1.113883.4.349"/>
        <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
        <urn:id root="2.16.840.1.113883.4.349"/>
        </urn:scopingOrganization>
    </urn:asOtherIDs>
    <urn:asOtherIDs classCode="NonVAPrescriber">
        <urn:id extension="Yes" root="2.16.840.1.113883.4.349"/>
        <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
        <urn:id root="2.16.840.1.113883.4.349"/>
        </urn:scopingOrganization>
    </urn:asOtherIDs>
    <urn:asOtherIDs classCode="ProviderType">
        <urn:id extension="4^FEE BASIS" root="2.16.840.1.113883.4.349"/>
        <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
        <urn:id root="2.16.840.1.113883.4.349"/>
        </urn:scopingOrganization>
    </urn:asOtherIDs>
    <urn:asOtherIDs classCode="Remarks">
        <urn:id extension="UPDATE cool dude" root="2.16.840.1.113883.4.349"/>
        <urn:scopingOrganization classCode="ORG" determinerCode="INSTANCE">
        <urn:id root="2.16.840.1.113883.4.349"/>
        </urn:scopingOrganization>
    </urn:asOtherIDs>
</urn:patientPerson>
<urn:providerOrganization classCode="ORG" determinerCode="INSTANCE">
    <urn:id/>
    <urn:contactParty classCode="CON"/>
</urn:providerOrganization>
</urn:patient>
</urn:subject1>
<urn:custodian typeCode="CST">
    <urn:assignedEntity classCode="ASSIGNED">
        <urn:id root="2.16.840.1.113883.4.349"/>
        <urn:assignedOrganization classCode="ORG" determinerCode="INSTANCE">
            <urn:name>200ESR</urn:name>
        </urn:assignedOrganization>
    </urn:assignedEntity>
</urn:custodian>
</urn:registrationEvent>
</urn:subject>
</urn:controlActProcess>
</PRPA_IN201301UV02>

```

## 8.2.6 Proxy Add Veteran Claimant

A Proxy add request tells the VA MPI service to perform an external record add to an external system that currently does not have that identity. As a consumer of this service, **it is your responsibility** to verify that the record in question does not exist in that external system. This is done by performing an VA MPI Search first and then verifying that the target system identifier is not found, “NF”.

Example of valid justified identifiers for proxy add. (NOT FOUND in external sources).

```
<id root="2.16.840.1.113883.4.349" extension="UNK^PI^200BRLS^USVBA^NF"/>
<id root="2.16.840.1.113883.4.349" extension="UNK^PI^200CORP^USVBA^NF"/>
```

Once the consumer has determined that a Proxy add is required, Proxy Add request will be sent to the VA MPI Service. This Proxy Add request must contain a “SEARCH.TOKEN” that relates to the VA MPI search performed for the same identity in the Add request to the external system. The “SEARCH.TOKEN” must be present in the 1301 Add’s attentionLine stanza.

**NOTE:** Any proxy add attempts without valid consumer justification will be immediately rejected, and brought to the VA MPI service administration for potential consumer repercussions.

## SPECIAL NOTES:

### 1. Please adjust the Sender Mnemonic/Code according to your project, i.e. VDC=200VDC and D2D= 200D2D

- a. `<sender typeCode="SND">`
- b. `<device classCode="DEV" determinerCode="INSTANCE">`
- c. `<id extension="200TBD" root="2.16.840.1.113883.4.349" />`
- d. `</device>`
- e. `</sender>`

### 2. Dataenterer – Please adjust with the proper User Id and Name for the user performing the business process

- a. `<id root="2.16.840.1.113883.3.2017" extension="vacojohnss4^PN^200M^USDVA" />`
- b. `<assignedPerson determinerCode="INSTANCE" classCode="PSN">`
- c. `<name>`
- d. `<given>Seth</given>`
- e. `<family>Vikash</family>`
- f. `</name>`
- g. `</assignedPerson>`

### 3. BGS Credentials

- a. *Note that the BGS account information in these samples has been redacted. It's the responsibility of the VDC/D2D to reach out to BGS and establish account credentials with them and supply this information in the designated "representedOrganization" section of the requests. Without these credentials VDC/D2D will not be able to execute a successful call.*
- b. `<representedOrganization classCode="ORG" determinerCode="INSTANCE">`
- c. `<id root="2.16.840.1.113883.4.349" extension="ExternalUid"/>`
- d. `<code code="ExternalKey"/>`
- e. `<desc>applicationName</desc>`
- f. `<telecom value="CLIENT_MACHINE"/>`
- g. `</representedOrganization>`

The “SEARCH.TOKEN” is simply the control id of any 1306 response. The working examples from

last night are full 100%, actually transactions, communicating to the BGS backend. The TOKEN isn't anything different from your original transactions, from a location perspective. The key is your **Add** having that value in the Attention line stanza. Also be aware that the Proxy Add Veteran Claimant is looking for the previous search to have returned a record ID value of UNK and ID Status of "NF"

```
<id root="2.16.840.1.113883.4.349" extension="UNK^PI^200BRLS^USVBA^NF"/>
<id root="2.16.840.1.113883.4.349" extension="UNK^PI^200CORP^USVBA^NF"/>
```

#### Example snippet:

```
<idm:PRPA_IN201306UV02 xmlns:idm="http://vaww.oed.oit.va.gov" ....cut for size..
<id root="2.16.840.1.113883.4.349" extension="WS1405071801075741303600707" />
```

#### Excerpt from the 4/4 email

##### 1. ADD

##### a. attentionLine: Allows for traceability and reciprocal matching

- i. This Stanza is **NEW** for the ADD Transaction and indicates the Control id/token provided back on the 1306 response from either the RETRIEVE or SEARCH. The Control id/token is the top <id> element of the 1306 response and a standard part of all transactions. The key is that the consumer will have to "save" this Control-id/token for submission of the ADD.

```
1. <attentionLine>
2. <keyWordText>Search.Token</keyWordText>
3. <value xsi:type="ST">WS1403311328092491244619590</value>
4. </attentionLine>
```

#### Account Fields Defined by BGS/VBA:

- **ExternalUid:** User's identifier (user name, user id, etc...) corresponding to the caller's identity in the client application. Do not use this element for internal application. 39 characters is the limit.
- **ExternalKey** User's system identifier associated with the caller's identity (if the ExternalUid represents a unique identifier of the user's identity, then this value is equal to the ExternalUid, otherwise represents a unique id – such a PK). Do not use this element for internal applications. 39 characters is the limit.
- **applicationName** Valid name of an application as defined in CSS, to which the user has access to in CSS. This attribute should be the application ID of the request originating system/application (example: If VBMS application is making a call on behalf of VDC then VDC should be the value for applicationName). 29 characters is the limit.

#### 8.2.6.1 Proxy Add Veteran Claimant Request Example – External

```

<PRPA_IN201301UV02 xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ps="http://vaww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
ITSVersion="XML_1.0" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd">
  <id extension="MCID-ADD-PROXY-VDC_EX001" root="22a0f9e0-4454-11dc-a6be-3603d6866807">
  </id>
  <creationTime value="20140904121324">
  </creationTime>
  <versionCode code="2.0">
  </versionCode>
  <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6">
  </interactionId>
  <processingCode code="T">
  </processingCode>
  <processingModeCode code="T">
  </processingModeCode>
  <acceptAckCode code="AL">
  </acceptAckCode>
  <receiver typeCode="RCV">
    <device determinerCode="INSTANCE" classCode="DEV">
      <id root="2.16.840.1.113883.4.349">
      </id>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device determinerCode="INSTANCE" classCode="DEV">
      <id extension="200D2D" root="2.16.840.1.113883.4.349">
      </id>
    </device>
  </sender>
  <attentionLine>
    <keyWordText>Search.Token</keyWordText>
    <value>WSDOC1409041213232541745020308</value>
  </attentionLine>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <dataEnterer contextControlCode="AP" typeCode="ENT">
      <assignedPerson classCode="ASSIGNED">
        <id extension="123456789^NI^200DOD^USDOD" root="2.16.840.1.113883.3.42.10001.100001.12">
        </id>
        <id extension="123456789^PN^200CORP^USVBA" root="2.16.840.1.113883.4.349">
        </id>
        <assignedPerson determinerCode="INSTANCE" classCode="PSN">
          <name>
            <given>VIERS</given>
            <family>D2D</family>
          </name>
        </assignedPerson>
        <representedOrganization determinerCode="INSTANCE" classCode="ORG">
          <id extension="VIERS" root="2.16.840.1.113883.4.349">
          </id>
          <code code="20120708-08:08:11:580">
          </code>
          <desc>VIERS</desc>
        </representedOrganization>
      </assignedPerson>
    </dataEnterer>
  </controlActProcess>

```

```

    <telecom value="10.226.88.134">
    </telecom>
  </representedOrganization>
</assignedPerson>
</dataEnterer>
<subject typeCode="SUBJ">
  <registrationEvent classCode="REG" moodCode="EVN">
    <id nullFlavor="NA">
    </id>
    <statusCode code="active">
    </statusCode>
    <subject1 typeCode="SBJ">
      <patient classCode="PAT">
        <id extension="1012832101V862309^NI" root="2.16.840.1.113883.4.349">
        </id>
        <statusCode code="active">
        </statusCode>
        <patientPerson>
          <name use="L">
            <given>MVIDTDSEVT</given>
            <family>BIRLSNFCORPNF</family>
          </name>
          <administrativeGenderCode code="M">
          </administrativeGenderCode>
          <birthTime value="19750903">
          </birthTime>
          <addr use="HP">
            <streetAddressLine>1234 Any Street</streetAddressLine>
            <city>Leawood</city>
            <state>KS</state>
            <country>USA</country>
            <postalCode>66224</postalCode>
          </addr>
          <asOtherIDs classCode="SSN">
            <id extension="864090375" root="2.16.840.1.113883.4.1">
            </id>
            <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
              <id root="2.16.840.1.113883.4.1">
              </id>
            </scopingOrganization>
          </asOtherIDs>
          <asOtherIDs classCode="PAT">
            <id extension="PROXY_ADD^PI^200VBA^USVBA" root="2.16.840.1.113883.4.349">
            </id>
            <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
              <id extension="VBA" root="2.16.840.1.113883.4.349">
              </id>
              <name>MVI.ORCHESTRATION</name>
            </scopingOrganization>
          </asOtherIDs>
        </patientPerson>
        <providerOrganization determinerCode="INSTANCE" classCode="ORG">
          <id root="1.2.840.114350.1.13.99998.8734">

```

```

    </id>
    <name>Good Health Clinic</name>
    <contactParty classCode="CON">
      <telecom value="tel:+1-342-555-8394">
        </telecom>
      </contactParty>
    </providerOrganization>
  </patient>
</subject1>
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="1.2.840.114350.1.13.99998.8734">
      </id>
      <assignedOrganization determinerCode="INSTANCE" classCode="ORG">
        <name>Good Health Clinic</name>
      </assignedOrganization>
    </assignedEntity>
  </custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

### 8.2.6.2 Proxy Add Veteran Claimant Request Example – Internal

```

<PRPA_IN201301UV02 xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ps="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
ITSVersion="XML_1.0" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd">
  <id extension="MCID-ADD-PROXY-VDC_EX001" root="22a0f9e0-4454-11dc-a6be-3603d6866807">
  </id>
  <creationTime value="20140904121324">
  </creationTime>
  <versionCode code="2.0">
  </versionCode>
  <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6">
  </interactionId>
  <processingCode code="T">
  </processingCode>
  <processingModeCode code="T">
  </processingModeCode>
  <acceptAckCode code="AL">
  </acceptAckCode>
  <receiver typeCode="RCV">
    <device determinerCode="INSTANCE" classCode="DEV">
      <id root="2.16.840.1.113883.4.349">
      </id>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device determinerCode="INSTANCE" classCode="DEV">
      <id extension="200D2D" root="2.16.840.1.113883.4.349">
      </id>
    </device>
  </sender>
  <attentionLine>
    <keyWordText>Search.Token</keyWordText>
    <value>WSDOC1409041213232541745020308</value>
  </attentionLine>
  <controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer contextControlCode="AP" typeCode="ENT">
  <assignedPerson classCode="ASSIGNED">
    <!-- IF Veteran and EDIPI used -->
    <id root="2.16.840.1.113883.3.42.10001.100001.12" extension="123456789^NI^200DOD^USDOD"/>
    <!-- IF Corp Participant ID if VSO Rep -->
    <id root="2.16.840.1.113883.4.349" extension="123456789^PI^200CORP^USVBA"/>
    <!-- If via IAM SSO -->
    <id root="2.16.840.1.113883.4.349" extension="SecID^PN^200PROV^USDVA"/>
    <assignedPerson determinerCode="INSTANCE" classCode="PSN">
      <name>
        <given>UserFirstName</given>
        <family>UserLastName</family>
      </name>
    </assignedPerson>
    <!-- Required for BGS Services -->
    <representedOrganization classCode="ORG" determinerCode="INSTANCE">
    <!-- Required for BGS Services: External UID -->
    <id root="2.16.840.1.113883.4.349" extension="CSSUserName^PN^283^USVBA " />

```



```

<!-- Required for BGS Services: Application Name -->
<desc>VBMS</desc>
<!-- Required for BGS Services CLIENT_MACHINE -->
<telecom value="10.224.104.174" />
</representedOrganization>
</assignedPerson>
</dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA">
        </id>
      <statusCode code="active">
        </statusCode>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id extension="1012832101V862309^NI" root="2.16.840.1.113883.4.349">
            </id>
          <statusCode code="active">
            </statusCode>
          <patientPerson>
            <name use="L">
              <given>MVIDTDSEVT</given>
              <family>BIRLSNFCORPNF</family>
            </name>
            <administrativeGenderCode code="M">
              </administrativeGenderCode>
            <birthTime value="19750903">
              </birthTime>
            <addr use="HP">
              <streetAddressLine>1234 Any Street</streetAddressLine>
              <city>Leawood</city>
              <state>KS</state>
              <country>USA</country>
              <postalCode>66224</postalCode>
            </addr>
            <asOtherIDs classCode="SSN">
              <id extension="864090375" root="2.16.840.1.113883.4.1">
                </id>
              <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
                <id root="2.16.840.1.113883.4.1">
                  </id>
                </scopingOrganization>
              </asOtherIDs>
            <asOtherIDs classCode="PAT">
              <id extension="PROXY_ADD^PI^200VBA^USVBA" root="2.16.840.1.113883.4.349">
                </id>
              <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
                <id extension="VBA" root="2.16.840.1.113883.4.349">
                  </id>
                <name>MVI.ORCHESTRATION</name>
              </scopingOrganization>
            </asOtherIDs>
          </patientPerson>
        </patient>
      </subject1>
    </registrationEvent>
  </subject>

```

```

<providerOrganization determinerCode="INSTANCE" classCode="ORG">
  <id root="1.2.840.114350.1.13.99998.8734">
    </id>
    <name>Good Health Clinic</name>
    <contactParty classCode="CON">
      <telecom value="tel:+1-342-555-8394">
        </telecom>
      </contactParty>
    </providerOrganization>
  </patient>
</subject1>
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="1.2.840.114350.1.13.99998.8734">
      </id>
      <assignedOrganization determinerCode="INSTANCE" classCode="ORG">
        <name>Good Health Clinic</name>
      </assignedOrganization>
    </assignedEntity>
  </custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

### 8.2.6.3 Proxy Add Veteran Claimant Response Example

```
<idm:MCCI_IN000002UV01 xmlns:idm="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="WSDOC1409041213246931793536518"/>
  <creationTime value="20140904121328"/>
  <versionCode code="2.0"/>
  <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="NE"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" extension="200D2D"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" extension="200M"/>
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA"/>
    <targetMessage>
      <id root="22a0f9e0-4454-11dc-a6be-3603d6866807" extension="MCID-ADD-PROXY-VDC_EX001"/>
    </targetMessage>
    <acknowledgementDetail>
      <code codeSystemName="MVI" displayName="IEN" code="864090375^PI^200BRLS^USVBA"/>
    </acknowledgementDetail>
    <acknowledgementDetail>
      <code codeSystemName="MVI" displayName="IEN" code="600075702^PI^200CORP^USVBA"/>
    </acknowledgementDetail>
  </acknowledgement>
</idm:MCCI_IN000002UV01>
```

### 8.2.7 Add Person (Add Relationship)

In this scenario the Caregiver ICN is 1120519678V934163 and the Veteran who is receiving the care has the ICN 1021920984V869734

```
<PRPA_IN201301UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-
org:v3 ../schema/HL7V3/NE2008/org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id extension="MCID-12345" root="22a0f9e0-4454-11dc-a6be-3603d6866807"/>
  <creationTime value="20070803130624"/>
  <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6"/>
```

```

<processingCode code="T"/>
<processingModeCode code="T"/>
<acceptAckCode code="AL"/>
<receiver typeCode="RCV">
<device determinerCode="INSTANCE" classCode="DEV">
<id root="2.16.840.1.113883.4.349"/>
<telecom value="htt/example.org/PatientFeed">
</telecom>
</device>
</receiver>
<sender typeCode="SND">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension="200ESR" root="1.2.840.114350.1.13.99997.2.7788"/>
</device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
<dataEnterer contextControlCode="AP" typeCode="ENT">
<assignedPerson classCode="ASSIGNED">
<id extension="1000020007^PN^200VCRGR^USDVA" root="2.16.840.1.113883.4.349"/>
<assignedPerson determinerCode="INSTANCE" classCode="PSN">
<name>
<given>CLERK_FIRST</given>
<family>CLERK_FIRST</family>
</name>
</assignedPerson>
</assignedPerson>
</dataEnterer>
<subject typeCode="SUBJ">
<registrationEvent classCode="REG" moodCode="EVN">
<id nullFlavor="NA"/>
<statusCode code="active"/>
<subject1 typeCode="SBJ">
<patient classCode="PAT">
<id extension="1120519678V934163" root="2.16.840.1.113883.4.349"/>
<statusCode code="active"/>
<patientPerson>
<name use="L">
</name>
<asOtherIDs classCode="PAT">
<id nullFlavor="NA"/>
<scopingOrganization determinerCode="INSTANCE" classCode="ORG">
<id root="2.16.840.1.113883.4.349"/>
</scopingOrganization>
</asOtherIDs>
<personalRelationship>
<code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="CGP"
displayName="Cargiver Primary">
<translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="QUAL">
</translation>
</code>
<statusCode code="ACTIVE"/>

```

```

<effectiveTime value="19190102">
</effectiveTime>
<relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">
<id extension="1021920984V869734" root="2.16.840.1.113883.4.349"/>
</relationshipHolder1>
</personalRelationship>
</patientPerson>
<providerOrganization determinerCode="INSTANCE" classCode="ORG">
<id root="1.2.840.114350.1.13.99998.8734"/>
<name>Good Health Clinic</name>
<contactParty classCode="CON">
<telecom value="tel:+1-342-555-8394">
</telecom>
</contactParty>
</providerOrganization>
</patient>
</subject1>
<custodian typeCode="CST">
<assignedEntity classCode="ASSIGNED">
<id root="1.2.840.114350.1.13.99998.8734" />
<assignedOrganization classCode="ORG" determinerCode="INSTANCE">
<name>Good Health Clinic</name>
</assignedOrganization>
</assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

## 8.2.8 Add Person Response

In this section we will define the type of responses that can be returned as a result of sending an Add Person event into the Identity Management Service.

Relative Path	Service	Card	Data Type	Size	Valid Values / Ranges	Description
//acknowledgement	Add Person				<b>Attribute:</b> @NullFlavor (optional)  <b>Element:</b> typeCode (required) + messageWaitingNumber (optional) + messageWaitingPriorityCode (optional) + targetMessage (required) + acknowledgementDetail (required)	

//acknowledgement/typeCode	Add Person	1..1	CS	2	AA – Application Accept AE – Application Error AR – Application Reject	<p><b>AA</b> – successfully processed the message. If any updates are accepted then an AA is expected to be returned to the initiating system. It could also include error code and error text but that is only to be used as a warning.</p> <p><b>AE</b> – failed to process the message due to data or service business rules. If no updates to the consuming IdM Service are made due to data or business issues then an AE should be returned.</p> <p><b>AR</b> - fail to process (reject) the message for reasons unrelated to its content or format (system down, internal error, etc.). For most such problems it is likely that the responding system will be able to accept the same message at a later time. <b>Note: AR is to be used with error code INTERR</b></p>
//acknowledgement/targetMessage/id	Add Person	1..1	II		id root (required) + extension (required)	<p>Same as the request message</p> <p>Example:  &lt;id root="2.16.840.1.113883.3.933" extension="MCID-12345" /&gt;</p>
//acknowledgement/acknowledgementDetail	Add Person				<b>Attribute(s):</b> @nullFlavor (optional) @typeCode (optional)	<p><b>VA – not uses</b></p> <p><b>DoD – uses E and W</b></p> <p><b>I am unclear on the use of E and W and recommend that we not use this attribute</b></p>
//acknowledgement/acknowledgementDetail/code	Add Person	0..1	CE		<b>Attributes:</b> @code (optional) + @codeSystem (optional) + @codeSystemName (optional) + @codeSystemVersion (optional) + @displayName (optional)	<p><b>For consumers greater using versionCode 2.0 or greater</b></p> <p>code/codeSystem/displayName</p> <p><b>Key204/</b> 2.16.840.1.113883.5.4/Unknown Key Identifier</p> <p><b>Key205/</b> 2.16.840.1.113883.5.4/Duplicate Key Identifier</p> <p><b>INTERR/</b> 2.16.840.1.113883.5.1100/Internal System Error</p> <p><b>SYN101/</b> 2.16.840.1.113883.1.11.19639/Required attributes missing</p> <p><b>SYN102/</b> 2.16.840.1.113883.1.11.19639/Data Type error</p> <p><b>SYN100/</b> 2.16.840.1.113883.1.11.19639/ Required association missing</p> <p><b>SYN103/</b> 2.16.840.1.113883.1.11.19639/ Value not found in code system</p> <p><b>SYN104/</b> 2.16.840.1.113883.1.11.19639/ Invalid code system in CNE</p> <p><b>SYN110/</b> 2.16.840.1.113883.1.11.19639/ Number of association repetitions exceeds limit</p> <p><b>SYN112/</b> 2.16.840.1.113883.1.11.19639/Number of attribute repetitions exceeds limit</p> <p><b>NS200/</b> 2.16.840.1.113883.1.11.19640/ Unsupported interaction</p> <p><b>NS202/</b> 2.16.840.1.113883.1.11.19640/Unsupported ProcessingID</p> <p><b>NS203/</b> 2.16.840.1.113883.1.11.19640/ Unsupported version id</p> <p><b>NS250/</b> 2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode</p> <p><b>NS260/</b> 2.16.840.1.113883.1.11.19640/ Unknown sender</p> <p><b>NS261/</b> 2.16.840.1.113883.1.11.19640/ Unrecognized attentionline</p> <p><b>PNAUT000001/</b> 2.16.840.1.113883.3.2017.11.6.1/Application authorization error</p> <p><b>PNGEN000001/</b> 2.16.840.1.113883.3.2017.11.6.1/ Input attribute</p>

						<p>value is invalid</p> <p><b>PNUPDATE000002/</b> 2.16.840.1.113883.3.2017.11.6.1/ Unauthorized person record update</p> <p><b>PNUPDATE000003/</b> 2.16.840.1.113883.3.2017.11.6.1/ Improper Affiliation</p> <p><b>PNUPDATE000004/</b> 2.16.840.1.113883.3.2017.11.6.1/ Partial record update</p> <p><b>PNUPDATE000005/</b> 2.16.840.1.113883.3.2017.11.6.1/ ICN-EDI PI Correlation does not exist</p> <p><b>PNADD000001/</b> 2.16.840.1.113883.3.2017.11.6.1/ Inconsistent person ID specified</p> <p>VA current solution</p> <p>fullyQualifiedID/MVI/IEN</p> <p>fullyQualifiedID/MVI/PDT</p> <p>fullyQualifiedID/MVI/IMT</p> <p>fullyQualifiedID/MVI/ICN</p>
//acknowledgement/acknowledgementDetail/text	Add Person	0..1	ED	?	Free text	<p><b>For consumers greater using versionCode 2.0 or greater</b></p> <p><b>Key204 text will be:</b></p> <p>* Unknown Key Identifier &lt;&lt;value&gt;&gt;</p> <p><b>Key205 text will be:</b></p> <p>* Person Id &lt;&lt;value&gt;&gt; was identified as a duplicate to &lt;&lt;value&gt;&gt;.</p> <p>System already has that value associated with Id &lt;&lt;value&gt;&gt;</p> <p><b>INTERR text will be:</b></p> <p>* Internal System error</p> <p><b>SYN100 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>SYN101 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>SYN102 text will be:</b></p> <p>* Data element &lt;&lt;value&gt;&gt; is not of type &lt;&lt;type&gt;&gt;</p> <p><b>SYN103 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>SYN104 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>SYN110 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>SYN112 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>NS200 text will be:</b></p> <p>* Unsupported interaction</p> <p><b>NS202 text will be either</b></p> <p>* ProcessingCode passed is &lt;&lt;value&gt;&gt; and IdM Service is set to &lt;&lt;value&gt;&gt;</p> <p><b>NS203 text will be:</b></p> <p>* Unsupported version id</p> <p><b>NS250 text will be:</b></p> <p>* IdM only supports a T mode</p> <p><b>NS260 text will be:</b></p> <p>* Unknown sender Or Invalid Site ID</p> <p><b>NS261 text will be:</b></p>

						<p>* Unrecognized attentionline</p> <p><b>PNAUT000001</b> text will be:</p> <p>* Application authorization error, Call your system administrator to check your server/system/application credentials (e.g. verify certificate common name hasn't changed recently).</p> <p><b>PNGEN000001</b> text will be:</p> <p>* xpath of the data element (s) with invalid values</p> <p><b>PNUPDATE000002</b> text will be:</p> <p>* End user does not have the required credentials to update the specified person record</p> <p><b>PNUPDATE000003</b> text will be:</p> <p>* Updated person is not affiliated with the required organization</p> <p><b>PNUPDATE000004</b> text will be:</p> <p>* xpath of the data elements (s) that were not updated</p> <p><b>PNUPDATE000005</b> text will be:</p> <p>* Enterprise ID &lt;&lt;value&gt;&gt; passed is not linked to ID &lt;&lt;value&gt;&gt;</p> <p><b>PNADD000001</b> text will be:</p> <p>* Unable to associate Id &lt;&lt;value&gt;&gt; with person Id &lt;&lt;value&gt;&gt;. Id already exists under person Id &lt;&lt;value&gt;&gt;</p>
--	--	--	--	--	--	--

### 8.2.8.1 HL7V3 1301 – Request Sample

```

<PRPA_IN201301UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201301UV02.xsd" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070803130624" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201301UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
      <telecom value="https://example.org/PatientFeed" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <dataEnterer typeCode="ENT" contextControlCode="AP">
      <assignedPerson classCode="ASSIGNED">
        <id extension="12345^PN^500^USVHA" root="2.16.840.1.113883.4.349" />
        <assignedPerson classCode="PSN" determinerCode="INSTANCE">
          <name>John Smith</name>
        </assignedPerson>
      </assignedPerson>
    </dataEnterer>
  </controlActProcess>

```



```

<subject typeCode="SUBJ">
  <registrationEvent classCode="REG" moodCode="EVN">
    <id nullFlavor="NA" />
    <statusCode code="active" />
    <subject1 typeCode="SBJ">
      <patient classCode="PAT">
        <id root="2.16.840.1.113883.4.349" extension="1008523099V750710^NI" />
        <statusCode code="active" />
        <patientPerson>
          <name use="L">
            <given>START</given>
            <family>START</family>
          </name>
          <telecom value="571-123-0987" use="HP" />
          <administrativeGenderCode code="M" />
          <birthTime value="19500101" />
          <deceasedTime value="20110618" />
          <multipleBirthInd value="false" />
          <addr use="HP">
            <streetAddressLine>23456 34562 Street</streetAddressLine>
            <city>Chicago</city>
            <state>IL</state>
            <country>USA</country>
            <postalCode>33333</postalCode>
          </addr>
          <asOtherIDs classCode="PAT">
            <id root="2.16.840.1.113883.4.349" extension="99934563^PI^523^USVHA" />
            <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="2.16.840.1.113883.4.349" />
            </scopingOrganization>
          </asOtherIDs>
          <asOtherIDs classCode="SSN">
            <id extension="111223333" root="2.16.840.1.113883.4.1" />
            <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="2.16.840.1.113883.4.1" />
            </scopingOrganization>
          </asOtherIDs>
          <birthPlace>
            <addr>
              <city>BOSTON</city>
              <state>MA</state>
            </addr>
          </birthPlace>
        </patientPerson>
        <providerOrganization classCode="ORG" determinerCode="INSTANCE">
          <id root="2.16.840.1.113883.3.933" />
          <name>Good Health Clinic</name>
          <contactParty classCode="CON">
            <telecom value="3425558394" />
          </contactParty>
        </providerOrganization>
      </patient>
    </subject1>
  </registrationEvent>
</subject>

```

```
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="2.16.840.1.113883.3.933" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>
```

## 8.2.10 HL7V3 1301 – Response Sample

```
<idm:MCCI_IN000002UV01 xmlns:idm="http://vaww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204171123132030041110733" />
  <creationTime value="20120417112313-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
<id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
    <acknowledgementDetail>
      <code codeSystemName="MVI" displayName="IEN"
code="0000001008523099V750710000000^NI^200M^USVHA" />
      <text>
        <![CDATA[Correlation Added to MVI]]>
      </text>
    </acknowledgementDetail>
  </acknowledgement>
</idm:MCCI_IN000002UV01>
```

NOTE: The **displayName** will "qualify"/indicate the type of code.

1. IMT = Identity Match Threshold (Only used for the 1306)
2. PDT = Potential Duplicate Threshold (Only used for the 1306)
3. IEN = Internal Entry Number (i.e. a DFN Value from a VistA site)
4. ICN = The MVI National Identifier

## 1301 Response Acknowledgement section:

### IEN/DFN code structure/values:

```
<code codeSystemName="MVI" code="99934254" displayName="IEN">
```

### ICN

```
<code codeSystemName="MVI" code="1000000007V830033" displayName="ICN">
```

## 8.3 Patient Registry Duplicates Resolved (1304/MCCI)

**Link**, **Merge**, and **Move** are operations of the VA MPI service, used to join or separate known VA MPI identity profiles. The transaction grouping for this interaction is a 1304 Request and MCCI Response.

### 8.3.1 HL7V3 1304 Detail

Relative Path	Service	Card.	Data Type	Size	Format/Values / Ranges	Description
//controlActProcess	Merge Person	1..1			nullFlavor (optional) + classCode (required) + moodClass (required)  classCode = "CACT" moodCode = "EVN"	An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods. Default classCode = CACT Default moodCode = EVN
//controlActProcess/dataEnterer	Merge Person	0..*			nullFlavor (optional) + <b>typeCode (required)</b> + ContextControlCode (optional) + noteText (optional) + time (optional) + assignedPerson (required)	Default typeCode = "ENT" Default contextControlCode = "AP"
//controlActProcess/dataEnterer/assignedPerson/classCode	Merge Person	1..1			<b>ASSIGNED</b>	Default = "ASSIGNED"
//controlActProcess/dataEnterer/assignedPerson/id	Merge Person	0..*	II		Root (required) + extension (required)	Person that entered the requested event. Example: Root = DoD OID extension = DoD EDIPI Root = VA OID extension = VA SecID (future VA implementation)  <b>VA does not support this value but will support it in future releases</b>
//controlActProcess/dataEnterer/assignedPerson/assignedPerson/name	Merge Person	1..*	EN		Free text	Free Text for the User Performing the action Example: <name>John Smith</name>  May also be in the form: <name> <given>First</given>

						<family>Last</family> </name>  VA supports text name.
//controlActProcess/subject/TypeCode	Merge Person	1..1			typeCode (required fixed) "SUBJ"	
//controlActProcess/subject/registrationEvent	Merge Person	1..1			nullFlavor (optional) + <b>classCode (required Fixed) + moodCode (required Fixed)</b>	classCode = "REG" moodCode = "EVN"
//controlActProcess/subject/registrationEvent/id	Merge Person	0..*	II			documented default value of nullFlavor = NA
//controlActProcess/subject/registrationEvent/statusCode	Merge Person	1..1	CS		Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/typeCode	Merge Person	1..1			Default = "SBJ"	Default = "SBJ"
//controlActProcess/subject/registrationEvent/subject1/patient	Merge Person				nullFlavor (optional) + <b>classCode (required Fixed)</b>	classCode = "PAT"
//controlActProcess/subject/registrationEvent/subject1/patient/id	Merge Person	0..*	II		Root (required) + extension (required)	<b>From VA MPI</b> VA Root OID + ICN Example: <id root="2.16.840.1.113883.4.349" extension="1002345634V432145" />
//controlActProcess/subject/registrationEvent/subject1/patient/statusCode	Merge Person	1..1	CS		Default = "active"	Default = "active"

//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/name	Merge Person	1..*	PN		documented default value of nullFlavor = NA	A set of codes advising a system or user which name in a set of like names to select for a given purpose. A name without specific use code might be a default name useful for any purpose, but a name with a specific use code would be preferred for that respective purpose. This will contain a nullFlavor NA value because the transaction is focused on the Merge type event and not on data element changes. If data elements changes are needed to be passed then a subsequent Update Person event should follow this transaction.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs	Merge Person				nullFlavor (optional) + classCode (required)	classCode <b>PAT</b> - Patient identifier
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/id	Merge Person	1..*	II		Root (required) + extension (required)	Patient identifier adheres to the following id format.  <b>From VA MPI</b> DoD Root OID + EDIPI Example: <id root="2.16.840.1.113883.3.42.10001.100001.12" extension="100045632" >/>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/scopingOrganization	Merge Person	1..1			nullFlavor (optional) + <b>classCode (required) + determinerCode (required fixed)</b>	classCode default = "ORG"  <b>INSTANCE – specific</b> The specific determiner indicates that the given Entity is taken as one specific instance. For example, a human INSTANCE (quantity = 1,) stands for exactly one human being determinerCode X' = " <b>INSTANCE</b> "
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/scopingOrganization/id	Merge Person	1..*	II		Root (required) + extension (optional)	This value should be the same as the asOtherIDs ID root. Example: <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> <id root="2.16.840.1.113883.4.349" /> </scopingOrganization>

//controlActProcess/subject/registrationEvent/subject1/patient/providerOrganization	Merge Person	1..1			nullFlavor (optional) classCode (required) determinerCode (required fixed)	<p>The Patient class is scoped by the provider organization where this person is a patient. The HL7 definition of the CMET requires that the provider organization needs to be identified by an id attribute, and at least one of address, telecommunications address, or contact person to be present. The id attribute SHALL have only a root, expressed as an ISO OID.</p> <p>classCode = "ORG" determinerCode = "INSTANCE"</p> <p>Example:            &lt;providerOrganization              classCode="ORG"              determinerCode="INSTANCE"&gt;                &lt;id                  root="2.16.840.1.113883.4.349"  <b>Future implementation</b>                  extension="553" /&gt;                  &lt;name&gt;Albany                  VAMC&lt;/name&gt;                  &lt;contactParty                    classCode="CON"&gt;                      &lt;telecom                      value="3425558394" /&gt;                    &lt;/contactParty&gt;              &lt;/providerOrganization&gt;</p>
//controlActProcess/subject/registrationEvent/subject1/patient/providerOrganization/id	Merge Person	1..*	II		Root (required) + extension (optional)	<p>This element is where you would provide the physical location of the event. For example, Vista and/or CHCS MTF location.</p>
//controlActProcess/subject/registrationEvent/custodian	Merge Person	1..1			Attributes: @nullFlavor (optional) + @typeCode (required Fixed)	<p>Fixed typeCode = "CST"</p> <p>Example:            &lt;custodian typeCode="CST"&gt;                &lt;assignedEntity                  classCode="ASSIGNED"&gt;                    &lt;id                      root="2.16.840.1.113883.3.933"                    /&gt;                  &lt;assignedOrganization                    classCode="ORG"                    determinerCode="INSTANCE"&gt;                      &lt;name&gt;Good                      Health Clinic&lt;/name&gt;                  &lt;/assignedOrganization&gt;                &lt;/assignedEntity&gt;              &lt;/custodian&gt;</p>

//controlActProcess/subject/registrationEvent/replacementOf	Merge Person	0..*			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required fixed)	Link Event Default typeCode = "RPLC"  <b>VA MPI also supports (UPDT and MOV)</b>  Merge Event typeCode = "UPDT"  Move Event typeCode = "MOV"
//controlActProcess/subject/registrationEvent/replacementOf/priorRegistration	Merge Person	1..1			<b>Attributes:</b> nullFlavor (optional) + <b>classCode (required Fixed) +</b> <b>moodCode (required Fixed)</b>	classCode = "REG" moodCode = "EVN"
//controlActProcess/subject/registrationEvent/replacementOf/priorRegistration /id	Merge Person	0..*	II		Root (required) + extension (required)	VA Root OID + ICN Example: <id root="2.16.840.1.113883.4.349" extension="1002345634V432145" />  DoD Root OID + EDIPI Example: <id root="2.16.840.1.113883.3.42.10001.100001.12" extension="100045632" />

### 8.3.2 HL7V3 1304 Request – (Link)

The 1304 Link message is a notification from VA MPI to consumers telling the consumer that that two different identity profiles should be resolved into one single identity.

A replacementOf typeCode of "RPLC" indicates that the 1304 is a Link Message.

```
<PRPA_IN201304UV02 xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201304UV02.xsd">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070803162915"/>
  <interactionId extension="PRPA_IN201304UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
</PRPA_IN201304UV02>
```



```

<receiver typeCode="RCV">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="SITEKEY OBTAINED FROM VA MPI" root="2.16.840.1.113883.4.349"/>
    <telecom value="https://example.org/PatientFeed"/>
  </device>
</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="200M" root="2.16.840.1.113883.4.349"/>
  </device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer typeCode="ENT" contextControlCode="AP">
    <assignedPerson classCode="ASSIGNED">
      <id extension="12345^PN^500^USVHA" root="2.16.840.1.113883.4.349" />
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
        <name>
          <given>Ed</given>
          <family>Jones</family>
        </name>
      </assignedPerson>
    </assignedPerson>
  </dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <!--SURVIVING ICN-->
      <id extension="1008523099V750710^NI" root="2.16.840.1.113883.4.349"/>
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <!--SURVIVING COR-->
          <id nullFlavor="NA"/>
          <statusCode code="active"/>
          <patientPerson>
            <name/>
          </patientPerson>
        </patient>
      </subject1>
      <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
          <id root="2.16.840.1.113883.3.933"/>
          <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
            <name>Good Health Clinic</name>
          </assignedOrganization>
        </assignedEntity>
      </custodian>
      <!--TYPECODE (RPLC = LINK)-->
      <replacementOf typeCode="RPLC">
        <priorRegistration classCode="REG" moodCode="EVN">
          <!--DEPRECATED ICN-->
          <id extension="1008523096V381537^NI" root="2.16.840.1.113883.4.349"/>
          <subject1 typeCode="SBJ">
            <priorRegisteredRole classCode="PAT">

```

```

<!--DEPRECATED COR-->
<id nullFlavor="NA"/>
  </priorRegisteredRole>
</subject1>
</priorRegistration>
</replacementOf>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201304UV02>

```

### 8.3.3 HL7V3 1304 Response – (Link)

```

<idm:MCCI_IN000002UV01 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204171203412340656747535" />
  <creationTime value="20120417120341-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MPI" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
    <acknowledgementDetail>
      <text>
        <![CDATA[Link Complete]]>
      </text>
    </acknowledgementDetail>
  </acknowledgement>
</idm:MCCI_IN000002UV01>

```

### 8.3.1 HL7V3 1304 Request – (Merge Notification)

The 1304 Merge message tells a correlated system that two different site level correlated ID profiles should be resolved into one single site identity

profile.

A replacementOf typeCode of “UPDT” indicates that the 1304 is a Merge Message. \*\* NOTE \*\* “UPDT” is specific to the VA MPI Implementation.

```
<PRPA_IN201304UV02 xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201304UV02.xsd">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070803162915"/>
  <interactionId extension="PRPA_IN201304UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933"/>
      <telecom value="https://example.org/PatientFeed"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <dataEnterer typeCode="ENT" contextControlCode="AP">
      <assignedPerson classCode="ASSIGNED">
        <assignedPerson classCode="PSN" determinerCode="INSTANCE">
          <name>
            <given>Nancy</given>
            <family>Green</family>
          </name>
        </assignedPerson>
      </assignedPerson>
    </dataEnterer>
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <!--SURVIVING ICN-->
        <id nullFlavor="NA"/>
        <statusCode code="active"/>
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <!--SURVIVING COR-->
            <id extension="110001412^PI^553^USVHA" root="2.16.840.1.113883.4.349"/>
            <statusCode code="active"/>
            <patientPerson>
              <name/>
            </patientPerson>
          </patient>
        </subject1>
      </registrationEvent>
    </subject>
  </controlActProcess>
</PRPA_IN201304UV02>
```

```

<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="1.2.840.114350.1.13.99998.8734"/>
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
<!--TYPECODE (UPDT = MERGE)-->
<replacementOf typeCode="UPDT">
  <priorRegistration classCode="REG" moodCode="EVN">
    <!--DEPRECATED ICN-->
    <id nullFlavor="NA"/>
    <subject1 typeCode="SBJ">
      <priorRegisteredRole classCode="PAT">
        <!--DEPRECATED COR-->
        <id extension="110001413^PI^553^USVHA " root="2.16.840.1.113883.4.349"/>
      </priorRegisteredRole>
    </subject1>
  </priorRegistration>
</replacementOf>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201304UV02>

```

### 8.3.2 HL7V3 1304 Request – (Merge)

The 1304 Merge message tells VA MPI service that two different site level correlated ID profiles should be resolved into one single site identity profile.

A replacementOf typeCode of “UPDT” indicates that the 1304 is a Merge Message. \*\* NOTE \*\* “UPDT” is specific to the VA MPI Implementation.

```

<PRPA_IN201304UV02 xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201304UV02.xsd">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070803162915"/>
  <interactionId extension="PRPA_IN201304UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
      <telecom value="https://example.org/PatientFeed"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933"/>
    </device>
  </sender>
</PRPA_IN201304UV02>

```

```

</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer typeCode="ENT" contextControlCode="AP">
    <assignedPerson classCode="ASSIGNED">
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
        <name>
          <given>Nancy</given>
          <family>Green</family>
        </name>
      </assignedPerson>
    </assignedPerson>
  </dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <!--SURVIVING ICN-->
      <id nullFlavor="NA"/>
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <!--SURVIVING COR-->
          <id extension="110001412^PI^553^USVHA" root="2.16.840.1.113883.4.349"/>
          <statusCode code="active"/>
          <patientPerson>
            <name/>
          </patientPerson>
        </patient>
      </subject1>
      <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
          <id root="1.2.840.114350.1.13.99998.8734"/>
          <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
            <name>Good Health Clinic</name>
          </assignedOrganization>
        </assignedEntity>
      </custodian>
      <!--TYPECODE (UPDT = MERGE)-->
      <replacementOf typeCode="UPDT">
        <priorRegistration classCode="REG" moodCode="EVN">
          <!--DEPRECATED ICN-->
          <id nullFlavor="NA"/>
          <subject1 typeCode="SBJ">
            <priorRegisteredRole classCode="PAT">
              <!--DEPRECATED COR-->
              <id extension="110001413^PI^553^USVHA" root="2.16.840.1.113883.4.349"/>
            </priorRegisteredRole>
          </subject1>
        </priorRegistration>
      </replacementOf>
    </registrationEvent>
  </subject>
</controlActProcess>
</PRPA_IN201304UV02>

```

### 8.3.3 HL7V3 1304 Response – (Merge)

```
<idm:MCCI_IN000002UV01 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd" xmlns="urn:hl7-
org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204171216478281479837265" />
  <creationTime value="20120417121647-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MPI" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
    <acknowledgementDetail>
      <text>
        <![CDATA[Merge Complete]]>
      </text>
    </acknowledgementDetail>
  </acknowledgement>
</idm:MCCI_IN000002UV01>
```

### 8.3.4 HL7V3 1304 Request – (Move)

The 1304 Move message is a notification from VA MPI to consumers telling the consumer that a site level correlated ID should be re-associated to a different ICN identity profile.

A replacementOf typeCode of “MOD” indicates that the 1304 is a Move Message. \*\* NOTE \*\* “MOD” is specific to the VA MPI Implementation.

```
<PRPA_IN201304UV02 xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201304UV02.xsd">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070803162915"/>
  <interactionId extension="PRPA_IN201304UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
```

```

<acceptAckCode code="AL"/>
<receiver typeCode="RCV">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.4.349"/>
    <telecom value="https://example.org/PatientFeed"/>
  </device>
</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="200M" root="2.16.840.1.113883.4.349"/>
  </device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer typeCode="ENT" contextControlCode="AP">
    <assignedPerson classCode="ASSIGNED">
      <id extension="12345^PN^500^USVHA" root="2.16.840.1.113883.4.349" />
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
        <name>
          <given>Wm.</given>
          <family>Gray</family>
        </name>
      </assignedPerson>
    </assignedPerson>
  </dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <!--TARGET ICN-->
      <id extension="1008523096V381537^NI" root="2.16.840.1.113883.4.349"/>
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id nullFlavor="NA"/>
          <statusCode code="active"/>
          <patientPerson>
            <name/>
          </patientPerson>
        </patient>
      </subject1>
      <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
          <id root="2.16.840.1.113883.3.933"/>
          <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
            <name>Good Health Clinic</name>
          </assignedOrganization>
        </assignedEntity>
      </custodian>
      <!--TYPECODE (MOD = MISMATCH)-->
      <replacementOf typeCode="MOD">
        <priorRegistration classCode="REG" moodCode="EVN">
          <id nullFlavor="NA"/>
          <subject1 typeCode="SBJ">
            <priorRegisteredRole classCode="PAT">
              <!--COR TO BE MISMATCHED TO TARGET-->

```

```

        <id extension="100001412^PI^553^USVHA" root="2.16.840.1.113883.4.349"/>
        </priorRegisteredRole>
    </subject1>
    </priorRegistration>
    </replacementOf>
    </registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201304UV02>

```

### 8.3.5 HL7V3 1304 Response – (Move)

```

<idm:MCCI_IN000002UV01 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd" xmlns="urn:hl7-
org:v3" ITSVersion="XML_1.0">
    <id root="2.16.840.1.113883.4.349" extension="MCID-1204171254110311797465009" />
    <creationTime value="20120417125411-0400" />
    <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01" />
    <processingCode code="T" />
    <processingModeCode code="T" />
    <acceptAckCode code="NE" />
    <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MPI" />
        </device>
    </receiver>
    <sender typeCode="SND">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.349" />
        </device>
    </sender>
    <acknowledgement>
        <typeCode code="AA" />
        <targetMessage>
            <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
        </targetMessage>
        <acknowledgementDetail>
            <text>
                <![CDATA[Mismatch Complete]]>
            </text>
        </acknowledgementDetail>
    </acknowledgement>
</idm:MCCI_IN000002UV01>

```

## 8.4 Search/Retrieve Person (Patient Registry Find Candidates Query – 1305/1306)

**Search Person** is a operation of the VA MPI service, used to search and return all known VA MPI Identities as they relate to the provided traits (type #1 below).

**Retrieve Person** is a operation of the VA MPI service, used to retrieve a known VA



MPI Identity as it relates to the provided ID (type #2 below). Both operations are supported by the 1305 Request and 1306 Response pair.

There are 2 different types of 1305 Request that can be submitted for this operation:

1. Search - Match criteria in queryByParameter, with person trait data to be searched for in parameterList.
  - a. Attended Search
  - b. Unattended Search
  - c. Telephony Search
2. Retrieve - Correlation identifier in parameterList – either ICN or IEN (one or the other, but not both). No person trait data is supplied for this type of request.

These two types of Request differ in format and content of the queryByParameter element, as described below. Both request types return a 1306 Response.

VA MPI also supports composite variations of a 1305 Search Person request.

Supported 1305 Search Person composite requests include:

1. Search Unattended with GetCorrespondingIDs – this request will return the results from a call to 1309 GetCorrespondingIDs if the person is found. This will eliminate the need to make a separate distinct call to GetCorrespondingIDs later.
2. Retrieve with GetCorrespondingIDs - this request will return the results from a call to 1309 GetCorrespondingIDs if the person is found. This will eliminate the need to make a separate distinct call to GetCorrespondingIDs later.
3. Search Unattended with Orchestration – this request will return the results from an extended search to uncorrelated VBA (CORP and BIRLS) systems as well as DoD PDR, if the identity is not known in VA MPI.
4. Retrieve with Relationships - this request will return the VA MPI Primary View and the Relationships. For each relationship VA MPI shall return the Primary View and Corresponding Ids

## 8.4.1 HL7v3 Search/Retrieve Person Detail

Relative Path	Service	Card.	Data Type	Size	Format/Values / Ranges	Description
//controlActProcess	Search/Retrieve Person				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required) + @moodCode (required)	An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods. <b>classCode Default = CACT</b>  A service that actually happens, may be an ongoing service or a documentation of a past service. <b>moodCode Default = EVN</b>

//controlActProcess/dataEnterer	Search Person	0..*			<b>Attributes:</b> @nullFlavor (optional) + <b>@typeCode (required)</b> + @ContextControlCode (optional)  <b>Elements:</b> noteText (optional) + time (optional) + assignedPerson (required)	Default typeCode = "ENT" Default contextControlCode = "AP"  Data Entry person: A person entering the data into the originating system. The data entry person is collected optionally for internal quality control purposes.  An observation event has a patient participation marked "additive, propagating" (AP) and has component observation events linked through act relationships that are marked propagating. This means that the patient participation behaves as a patient participation of those component observation events in addition to the parent observation event
//controlActProcess/dataEnterer/assignedPerson/classCode	Search Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + <b>@classCode (required)</b>	classCode Default = "ASSIGNED"
//controlActProcess/dataEnterer/assignedPerson/id	Search Person	0..*	II		Root (required) + extension (required)	Person that entered the requested event. Example: Root = DoD OID extension = DoD EDIPI Root = VA OID extension = VA SecID (future VA implementation)
//controlActProcess/dataEnterer/assignedPerson/assignedPerson/name	Search Person	1..*	EN		Free text	Free Text for the User Performing the action Example: <name>John Smith</name>
//controlActProcess/queryByParameter	Search Person	0..1			<b>Attributes:</b>	
//controlActProcess/queryByParameter/queryId	Search/Retrieve Person	1..1	II		Root (required) + extension (required)	A unique identifier that guarantees the global uniqueness of the instance identifier.

//controlActProcess/queryByParameter/statusCode	Search/Retrieve Person	1..1	CS		New	There are no continuations necessary for this type of query, so the status is always "new"
//controlActProcess/queryByParameter/modifyCode	Search/Retrieve Person	0..1	CS		modifyCode code="MVI.COMP1"	<b>MVI.COMP1</b> Add GetCorIds Correlations.  <b>MVI.COMP2</b> Add GetCorIds with Correlations and ICN History  <b>MVI.COMP1.AMS</b> Add AMS Relationship Data.
//controlActProcess/queryByParameter/responseElementGroupId	Retrieve Person	1	CS		<responseElementGroupId extension="COR" root="2.16.840.1.113883.4.349"/>  <responseElementGroupId extension="PV" root="2.16.840.1.113883.4.349"/>	extension="PV" Return Primary View extension="COR" Return Correlation
//controlActProcess/queryByParameter/responseModalityCode	Retrieve Person	0..1	CS		responseModalityCode code="REGISTER.INTEREST"	<b>REGISTER.INTEREST</b> is used by Decentralized Hybrid integration patterns to register interest in identity changes as it relates to a given sourceID to an ICN. For example, if the decentralized hybrid system gets updates from VistA and has register interest in that VistA DFN and the reference of that DFN to a given ICN changes that VistA instance gets the updated ICN and also any system that registered interest
//controlActProcess/queryByParameter/initialQuantity	Search Person	0..1	INT		1 = Unattended > 1 = Attended	Initial Quantity is used to identify Attended vs Unattended 1 indicates Unattended – Only one results returned > 1 indicates a list return representing candidates in order to determine matches potential matches one would have to utilize the score values returned
//controlActProcess/queryByParameter/initialQuantity	Retrieve/Search Person	0..1	INT		Value	Defines the maximum size of the response that can be accepted by the requesting application  Should be 1.

//controlActProcess/queryByParameter/ <b>matchCriterionList</b>	Retrieve/Search Person	0..1			<b>Elements:</b> id MatchAlgorithm	
//controlActProcess/queryByParameter/ <b>matchCriterionList/id</b>	Retrieve/Search Person	0..1	II		<b>Elements:</b> id MatchAlgorithm	
//controlActProcess/queryByParameter/ <b>matchCriterionList/MatchAlgorithm</b>	Retrieve/Search Person	0..1			<b>Elements:</b> value semanticsText	
//controlActProcess/queryByParameter/ <b>matchCriterionList/MatchAlgorithm/value</b>	Retrieve/Search Person	1..1	ANY		Value = TELEPHONY	<b>TELEPHONY: Trait Rules</b> Look up by <b>SSN or EDIPI</b> If multiple identities found in VA MPI, return <b>Not Found</b> <i>Note: EDIPI should NEVER return multiple actives.</i> If ONLY one Identity found Compare “Check/filter traits” against the single VA MPI record returned. Check Traits: <b>DOB</b>  VA MPI score marker will be not be returned, as they only apply to a Probabilistic type search.
//controlActProcess/queryByParameter/ <b>matchCriterionList/MatchAlgorithm/semanticsText</b>	Retrieve/Search Person	1..1	ST			
//controlActProcess/queryByParameter/parameterList	Search Person		II		<b>Elements:</b> livingSubjectId livingSubjectAdministrativeGender livingSubjectBirthTime livingSubjectName PatientAddress patientTelecom OtherIDsScopingOrganization	
//controlActProcess/queryByParameter/parameterList	Search Person		II		<b>Elements:</b>	Correlation identifier data. Should be fully-qualified ICN or IEN, but not both.

//controlActProcess/queryByParameter/parameterList/livingSubjectId	Search Person	0..1	II		Root (required) + extension (required)	<p>Root - Issuer of the identifier. <b>USSSA</b> 2.16.840.1.113883.4.1</p> <p>Extension A patient identifier, used to assist in finding a match for the query.</p> <p>Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.</p> <p><b>SSN or CIT</b> Describes a person's legal SSN</p> <p><b>Default Semantic Text = SSN or CIT</b></p>
//controlActProcess/queryByParameter/parameterList/livingSubjectId	Search/Retrieve Person	0..1	II		Root (required) + extension (required)	<p><b>ICN</b> Should be in the form: &lt;id extension="icn value^identifier type" root="2.16.840.1.113883.4.349"/&gt;</p> <p>Example: &lt;id extension="1030811953V001173^NI" root="2.16.840.1.113883.4.349"/&gt;</p> <p><b>IEN</b> Should be in the form: &lt;id extension="ien value^ identifier type^assigning facility^assigning authority" root="2.16.840.1.113883.3.933"/&gt;</p> <p>Example: &lt;id extension="1305236^PI^500^USVHA" root="2.16.840.1.113883.4.349"/&gt;</p>
//controlActProcess/queryByParameter/parameterList/livingSubjectAdministrativeGender	Search for Person	0...*	CE		<b>Element:</b> value (required) + semantic text (required)	<p>This query parameter is a code representing the administrative gender of a person in a patient registry. A value representing the gender (sex) of this person. Note: this attribute does not include terms related to clinical gender which is a complex physiological, genetic and sociological concept that requires multiple observations in order to be comprehensively described.</p> <p>Value = <b>F – Female</b> Female</p>

					<p><b>M – Male</b> Male</p> <p><b>UN – Undifferentiated</b> The gender of a person could not be uniquely defined as male or female, such as hermaphrodite</p> <p>Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.</p> <p><b>Gender</b> Describes person's gender. <b>Default Semantic Text = Gender</b></p>
//controlActProcess/queryByParameter/parameterList/livingSubjectBirthTime"	Search Person	0...*	CE	<p><b>Element:</b> value (required) + semantic text (required)</p>	<p>A date or date range. This parameter can convey an exact moment (e.g., January 1, 1960 @ 03:00:00 EST), an approximate date (e.g., January 1960), or even a range of dates (e.g., December 1, 1959 through March 31, 1960).</p> <p>Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.</p> <p><b>Date of Birth</b> Describes a person's date of birth. <b>Default Semantic Text = Date of Birth</b></p>
//controlActProcess/queryByParameter/parameterList/livingSubjectName	Search Person	0...*	CE	<p><b>Element:</b> value (required) Given Given Prefix Suffix Family + semantic text (required)</p>	<p>The name "use" attribute can convey that a name is to be matched using "fuzzy" matching, and does not require exact match. Only some of the name parts may be populated. If, for example, only a family name part of a person's name is sent, then the query would match all persons with that family name regardless of their given names or initials.</p> <p><b>L – Legal</b> Legal Name</p> <p>*** Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor &lt;given nullFlavor="NA"/&gt;</p> <p><b>P–Alias</b></p>

					<p>Alias Name</p> <p><b>C –Maiden Name</b> Mothers maiden name.</p> <p>Default Value = L</p> <p>First Name Other Name Prefix Name Suffix Name Last Name</p> <p><b>Semantic Text</b> Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.</p> <p><b>Legal Name</b> Describes a person's legal name.</p> <p><b>Alias Name</b> Describes a person's alias name.</p> <p><b>Mothers Maiden Name</b> Describes a person's mother's maiden name</p> <p><b>Default Semantic Text = LegalName</b></p>
//controlActProcess/queryByParameter/parameterList/PatientAddress	Search for Person	0...*	CE	<p><b>Element:</b> value (required) StreetAddressLine City State PostalCode Country + semantic text (required)</p>	<p>This query parameter is a postal address for corresponding with a patient</p> <p><b>ABC – Alphabetic</b> Alphabetic transcription of name (Japanese: romaji)</p> <p><b>IDE – Ideographic</b> Ideographic representation of name (e.g., Japanese kanji, Chinese characters)</p> <p><b>SYL – Syllabic</b> Syllabic transcription of name (e.g., Japanese kana, Korean hangul)</p> <p><b>PHYS – physical visit address</b> Used primarily to visit an address.</p> <p><b>PST – Postal Address</b> Used to send mail.</p> <p><b>Default Value = PHYS</b></p> <p>StreetAddressLine (<b>Repeatable up to 4.</b>) City State PostalCode</p>

					<p>Country</p> <p><b>SemanticsText</b> Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.</p> <p><b>Physical Address</b> Describes a person's physical address Default Semantics Text = Physical Address</p>
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf/administrativeObservation/code	Retrieve/Search Person	1...1	ANY	<p>Elements</p> <p>"DOD_SOURCE^Document Short Name"</p>	<ul style="list-style-type: none"> <li>SSA_SSN_STATUS</li> <li>DOD_SOURCE</li> <li>DOD_Entered_DT</li> <li>DOD_Updated_By</li> <li>DOD_DT_Updated</li> <li>DOD_Supporting_Document</li> </ul> <p>DC</p> <p>SPROD</p> <p>CR</p> <p>DCUSG</p> <p>CSUSG</p> <p>ORUS</p> <p>NDUCROD</p> <p>NDPRA</p> <p>NDCEOR</p> <p>NODAP</p> <p>NODOF</p> <p>NO DOFAF</p> <p>UACCM</p> <p>NCAEF</p> <p>SDMF</p> <p>MPS</p> <p>BST</p> <p>EC</p> <p>INPTD</p> <ul style="list-style-type: none"> <li>DOD_Option_Used</li> <li>PERSON_TYPE</li> </ul> <p>VET = Veteran</p> <p>ACR = ACCREDITED</p> <p>REPRESENTATIVE</p> <p>AFF = AFFILIATE</p> <p>ASI = ASSOCIATED INDIVIDUAL</p> <p>CON = CONTRACTOR</p> <p>DEP = DEPENDENT</p> <p>EMP = EMPLOYEE</p> <p>GUA = GUARDIAN</p> <p>HPT = HEALTH PROFESSIONAL</p> <p>TRAINEE</p> <p>PAT = PATIENT</p>



//controlActPro cess/subject/regi strationEvent/su bject1/patient/su bjectOf /administrative Observation/val ue	Retrieve/Search Person	1...1	ANY			<div><b>DOD_SOURCE</b></div> <ul style="list-style-type: none"> <li>• VAMC Inpatient Death</li> <li>• Spouse/Next of Kin/Other Person</li> <li>• NCA</li> <li>• Corp</li> <li>• SSA DMF</li> <li>• EVVE Query</li> </ul> <div><b>Verification_Status</b></div> <ul style="list-style-type: none"> <li>• Verified</li> <li>• Pending</li> <li>• Null</li> </ul> <div><b>DOD_Updated_By -</b></div> UserID^First^Last^middle^suffix <div><b>DOD_Entered_By -</b></div> UserID^First^Last^middle^suffix <div><b>DOD_DT_Updated</b></div> <div><b>DOD_Supporting_Document</b></div> <ul style="list-style-type: none"> <li>• DC - DEATH CERTIFICATE</li> <li>• SPROD - STATE PUBLIC RECORD OF DEATH</li> <li>• CR - CORONER'S REPORT</li> <li>• DCUSG - DEATH CERTIFICATE US GOVT</li> <li>• CSUSG - CLINICAL SUMMARY US GOVT</li> <li>• ORUS - OFFICIAL REPORT UNIFORMED SERVICE</li> <li>• NDUCROD - NON US DEATH US CONSULAR REPORT OF DEATH</li> <li>• NDPRA - NONUS DEATH PUBLIC RECORD AUTHENTICATED</li> <li>• NDCEOR - NONUS DEATH CIVILIAN EMPLOYEE OFFICIAL REPORT</li> <li>• NODAP - NO OTHER 38 CFR DOCUMENTATION AFFIDAVIT PROVIDED</li> <li>• NODOF - NO OTHER 38 CFR DOCUMENTATION OFFICIAL FINDING</li> <li>• NO DOFAF - NO OTHER</li> </ul>
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					<p>38 CFR DOCUMENTATION OTHER FEDERAL AGENCY FINDING</p> <ul style="list-style-type: none"> <li>• UACCM - UNEXPLAINED ABSENCE 38 CFR 3.212 CRITERIA MET</li> <li>• NCAEF - NCA ELECTRONIC FILE</li> <li>• SDMF - SSA DMF</li> <li>• MPS - MILITARY PERSONNEL SOURCES</li> <li>• BST - BENEFICIARY SUPPORT TOOL</li> <li>• EC - EVVE CERTIFICATION</li> <li>• INPTD - VAMC EHR INPATIENT DEATH</li> </ul> <p><b>PERSON_TYPE</b> – multi-valued delimited by “~” character PAT~VET~CON</p> <p><b>NOTES:</b> 1 Implement in March 2015</p>
//controlActProcess/queryByParameter/parameterList/otherIDsScopingOrganization	Search/Retrieve Person	0...*		<p><b>Elements:</b> value (required) + semanticsText (required)</p> <p><b>VA MPI Orchestration:</b> For VBA Orchestration values should be set to the following value = “VBA” semanticsText = “MVLORCHESTRATION” **Note: , the net result of this is that a VA identity is created and if known in any VA Primary systems already then correlations are corrected as well as if known in DoD a correlation is created:</p> <p><b>For MVI REGISTRATION:</b> For VA Registration the values should be set: ONLY used for Attended Search Value – “VA_DoD” semanticsText = “MVI_REGISTRATION” Note: The net result of this functionality is that if known in VA VA MPI will return the VA MPI</p>	<p><b>VA MPI Orchestration</b> &lt;otherIDsScopingOrganization&gt; &lt;value extension="VBA" root="2.16.840.1.113883.4.349"&gt; &lt;/value&gt;</p> <p>&lt;semanticsText&gt;MVLORCHESTRATION&lt;/semanticsText&gt; &lt;/otherIDsScopingOrganization&gt;</p> <p><b>VA MPI Registration</b> &lt;otherIDsScopingOrganization&gt; &lt;value root="2.16.840.1.113883.4.349" extension="VA_DOD"/&gt;</p> <p>&lt;semanticsText&gt;MVI.REGISTRATION&lt;/semanticsText&gt; &lt;/otherIDsScopingOrganization&gt;</p>

					identity but if not know VA MPI will query and return the DoD PDWS query results but no VA identity will be created.	
--	--	--	--	--	--	--

## 8.4.2 HL7v3 1305 – Search Person Request Sample (Match criteria with person trait data)

```

<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
  <creationTime value="20070428150301" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201305UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
      <telecom value="http://servicelocation/PDQuery" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6" />
    <queryByParameter>
      <queryId root="2.16.840.1.113883.3.933" extension="18204" />
      <statusCode code="new" />
      <initialQuantity value="1" />
      <parameterList>
        <livingSubjectAdministrativeGender>
          <value code="M" />
          <semanticsText>LivingSubject.administrativeGender</semanticsText>
        </livingSubjectAdministrativeGender>
        <livingSubjectBirthTime>
          <value value="19550512" />
          <semanticsText>LivingSubject..birthTime</semanticsText>
        </livingSubjectBirthTime>
        <!-- SSN -->
        <livingSubjectId>
          <value root="2.16.840.1.113883.4.1" extension="111223333" />
        </livingSubjectId>
        <livingSubjectName>
          <value use="L">

```

```

    <given>Clark</given>
    <given>Micheal</given>
    <prefix>Dr.</prefix>
    <suffix>IV</suffix>
    <family>Kent</family>
  </value>
  <semanticsText>LivingSubject.name</semanticsText>
</livingSubjectName>
<patientAddress>
  <value use="PHYS">
    <streetAddressLine>Street1</streetAddressLine>
    <streetAddressLine>Street2</streetAddressLine>
    <streetAddressLine>Street3</streetAddressLine>
    <streetAddressLine>Street4</streetAddressLine>
    <city>Miami</city>
    <state>FL</state>
    <postalCode>33123</postalCode>
    <country>USA</country>
  </value>
  <semanticsText />
</patientAddress>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>

```

#### 8.4.4 Sample 1305 Retrieve Person with ICN Identifier

```
<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd" ITSVersion="XML_1.0">
  <id extension="MCID-12345" root="2.16.840.1.113883.3.933"/>
  <creationTime value="20070428150301"/>
  <interactionId extension="PRPA_IN201305UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6"/>
    <queryByParameter>
      <queryId extension="18204" root="2.16.840.1.113883.3.933"/>
      <statusCode code="new"/>
      <!-- The return quantity should always be 1 for the retrieve -->
      <initialQuantity value="1"/>
      <parameterList>
        <!-- ICN -->
        <id extension="1008592733V176373^NI" root="2.16.840.1.113883.4.349"/>
      </parameterList>
    </queryByParameter>
  </controlActProcess>
</PRPA_IN201305UV02>
```

## 8.4.5 Sample 1305 Retrieve Person with IEN Identifier

```
<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd" ITSVersion="XML_1.0">
  <id extension="MCID-12345" root="2.16.840.1.113883.3.933"/>
  <creationTime value="20070428150301"/>
  <interactionId extension="PRPA_IN201305UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA MPI" root="2.16.840.1.113883.3.933"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6"/>
    <queryByParameter>
      <queryId extension="18204" root="2.16.840.1.113883.3.933"/>
      <statusCode code="new"/>
      <!-- The return quantity should always be 1 for the retrieve -->
      <initialQuantity value="1"/>
      <parameterList>
        <!-- IEN -->
        <id extension="100002412^PI^553^USVHA" root="2.16.840.1.113883.4.349"/>
      </parameterList>
    </queryByParameter>
  </controlActProcess>
</PRPA_IN201305UV02>
```

## 8.4.6 Sample 1305 Search Person Composite Call

```
<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vaww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd" ITSVersion="XML_1.0">
  <id extension="MCID-12345" root="2.16.840.1.113883.3.933"/>
  <creationTime value="20070428150301"/>
  <interactionId extension="PRPA_IN201305UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA MPI" root="2.16.840.1.113883.3.933"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6"/>
    <queryByParameter>
      <queryId extension="18204" root="2.16.840.1.113883.3.933"/>
      <statusCode code="new"/>
      <!-- The return quantity should always be 1 for the retrieve -->
      <initialQuantity value="1"/>
      <!-- MVI.COMP1=Add GetCorIds only Correlations MVI.COMP2=Add GetCorIds with Correlations and ICN History -->
      <modifyCode code="MVI.COMP1"/>
      <parameterList>
        <livingSubjectAdministrativeGender>
          <value code="M" />
          <semanticsText>LivingSubject.administrativeGender</semanticsText>
        </livingSubjectAdministrativeGender>
        <livingSubjectBirthTime>
          <value value="19780512" />
          <semanticsText>LivingSubject..birthTime</semanticsText>
        </livingSubjectBirthTime>
        <livingSubjectId>
          <value root="2.16.840.1.113883.4.1" extension="111-11-1111" />
          <semanticsText>SSN</semanticsText>
        </livingSubjectId>
        <livingSubjectName>
          <value use="L">
            <given>John</given>
            <prefix>PREFIX</prefix>
            <suffix>SUFFIX</suffix>
            <family>Smith</family>
          </value>
          <semanticsText>LivingSubject.name</semanticsText>
        </livingSubjectName>
        <patientAddress>
          <value use="PHYS">
```

```

        <streetAddressLine>Street1</streetAddressLine>
        <streetAddressLine>Street2</streetAddressLine>
        <streetAddressLine>Street3</streetAddressLine>
        <streetAddressLine>Street4</streetAddressLine>
        <city>Miami</city>
        <state>FL</state>
        <postalCode>33123</postalCode>
        <country>USA</country>
    </value>
    <semanticsText />
</patientAddress>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>

```

## 8.4.7 Sample 1305 Telephony Search

```

<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vaww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd" ITSVersion="XML_1.0">
  <id root="1.2.840.114350.1.13.0.1.7.1.1" extension="MCID-12345"/>
  <creationTime value="20070428150301"/>
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201305UV02"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="1.2.840.114350.1.13.999.234"/>
      <telecom value="http://servicelocation/PDQuery"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="200ESR" root="2.16.840.1.113883.4.349"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6"/>
    <queryByParameter>
      <queryId root="1.2.840.114350.1.13.28.1.18.5.999" extension="18204"/>
      <statusCode code="new"/>
      <!-- MVI.COMP1=Add GetCorIds only Correlations MVI.COMP2=Add GetCorIds with
Correlations and ICN History -->
      <modifyCode code="T"/>
      <!-- For Unattended Searches initialQuantity should always be '1' -->
      <!-- For Attended Searches initialQuantity should always GREATER than '1' -->
      <initialQuantity value="1"/>
      <matchCriterionList>

```



```

    <matchAlgorithm>
      <value xsi:type="ST">TELEPHONY</value>
      <semanticsText>Deterministic search</semanticsText>
    </matchAlgorithm>
  </matchCriterionList>
  <parameterList>
    <livingSubjectBirthTime>
      <value value="19821005"/>
      <semanticsText>Date of Birth</semanticsText>
    </livingSubjectBirthTime>
    <livingSubjectId>
      <value root="2.16.840.1.113883.4.1" extension="212104521"/>
      <semanticsText>SSN</semanticsText>
    </livingSubjectId>
  </parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>

```

## 8.4.8 Search/Retrieve Person Response Detail

The response will repeat (i.e. echo) back the original request information and then return the appropriate identity response that meets the requested search/retrieve. (RETURN HERE FOR UPDATES)

Relative Path	Service	Card	Data Type	Size	Valid Values / Ranges	Description
//acknowledgement	Search/Retrieve				<b>Attribute:</b> @NullFlavor (optional)  <b>Element:</b> typeCode (required) + messageWaitingNumber (optional) + messageWaitingPriority Code (optional) + targetMessage (required) + acknowledgementDetail (required)	
//acknowledgement/typeCode	Search/Retrieve	1..1	CS	2	AA – Application Accept AE – Application Error AR – Application Reject	<b>AA</b> – successfully processed the message. If any updates are accepted then an AA is expected to be returned to the initiating system. It could also include error code and error text but that is only to be used as a warning.  <b>AE</b> – failed to process the message due to data or service business rules. If no updates to the consuming IdM Service are made due to data or business issues then an AE should be returned.  <b>AR</b> - fail to process (reject) the message for reasons unrelated to its content

						or format (system down, internal error, etc.). For most such problems it is likely that the responding system will be able to accept the same message at a later time. <b>Note: AR is to be used with error code INTERR</b>
//acknowledgement/targetMessage/id	Search/Retrieve	1..1	II		id root (required) + extension (required)	Same as the request message Example: <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
//acknowledgement/acknowledgementDetail	Search/Retrieve				<b>Attribute(s):</b> @nullFlavor (optional) @typeCode (optional)	<b>VA – not uses</b> <b>DoD – uses E and W</b>  I am unclear on the use of E and W and recommend that we not use this attribute
//acknowledgement/acknowledgementDetail/code	Search/Retrieve	0..1	CE		<b>Attributes:</b> @code (optional) + @codeSystem (optional) + @codeSystemName (optional) + @codeSystemVersion (optional) + @displayName (optional)	<b>For consumers greater using versionCode 2.0 or greater</b> code/codeSystem/displayName <b>Key204</b> / 2.16.840.1.113883.5.4/Unknown Key Identifier <b>Key205</b> / 2.16.840.1.113883.5.4/Duplicate Key Identifier <b>INTERR</b> / 2.16.840.1.113883.5.1100/Internal System Error <b>SYN101</b> / 2.16.840.1.113883.1.11.19639/Required attributes missing <b>SYN102</b> / 2.16.840.1.113883.1.11.19639/Data Type error <b>SYN100</b> / 2.16.840.1.113883.1.11.19639/ Required association missing <b>SYN103</b> / 2.16.840.1.113883.1.11.19639/ Value not found in code system <b>SYN104</b> / 2.16.840.1.113883.1.11.19639/ Invalid code system in CNE <b>SYN110</b> / 2.16.840.1.113883.1.11.19639/ Number of association repetitions exceeds limit <b>SYN112</b> / 2.16.840.1.113883.1.11.19639/Number of attribute repetitions exceeds limit <b>NS200</b> /2.16.840.1.113883.1.11.19640/ Unsupported interaction <b>NS202</b> /2.16.840.1.113883.1.11.19640/Unsupported ProcessingID <b>NS203</b> /2.16.840.1.113883.1.11.19640/ Unsupported version id <b>NS250</b> /2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode <b>NS260</b> /2.16.840.1.113883.1.11.19640/ Unknown sender <b>NS261</b> /2.16.840.1.113883.1.11.19640/ Unrecognized attentionline
//acknowledgement/acknowledgementDetail/text	Search/Retrieve	0..1	ED	?	Free text	<b>For consumers greater using versionCode 2.0 or greater</b>  <b>Key204 text will be:</b> * Unknown Key Identifier <<value>> <b>Key205 text will be:</b> * Person Id <<value>> was identified as a duplicate to <<value>>. System already has that value associated with Id <<value>> <b>INTERR text will be:</b> * Internal System error <b>SYN100 text will be:</b> * Generic text explaining the issue <b>SYN101 text will be:</b> * Generic text explaining the issue <b>SYN102 text will be:</b> * Data element <<value>> is not of type <<type>> <b>SYN103 text will be:</b> * Generic text explaining the issue <b>SYN104 text will be:</b> * Generic text explaining the issue

						<p><b>SYN110 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>SYN112 text will be:</b></p> <p>* Generic text explaining the issue</p> <p><b>NS200 text will be:</b></p> <p>* Unsupported interaction</p> <p><b>NS202 text will be either</b></p> <p>* ProcessingCode passed is &lt;&lt;value&gt;&gt; and IdM Service is set to &lt;&lt;value&gt;&gt;</p> <p><b>NS203 text will be:</b></p> <p>* Unsupported version id</p> <p><b>NS250 text will be:</b></p> <p>* IdM only supports a T mode</p> <p><b>NS260 text will be:</b></p> <p>* Unknown sender Or Invalid Site ID</p> <p><b>NS261 text will be:</b></p> <p>* Unrecognized attentionline</p>
//controlActProcess/queryByParameter	Search/Retrieve Person	0..1				This is a repeat of what was sent in the original search/retrieve request
//controlActProcess/queryAck	Search/Retrieve Person	1..1				<p>This stanza works in conjunction with the acknowledgement typeCode value to let the request know whether the request is good and whether the information provided to search/retrieve an identity resulted in a successful or unsuccessful response.</p> <pre> &lt;queryAck&gt; &lt;queryId extension="18204" root="2.16.840.1.113883.3.933"/&gt; &lt;queryResponseCode code="QE"/&gt; &lt;resultCurrentQuantity value="0"/&gt; &lt;/queryAck&gt; </pre> <p>Max Results Exceeded:  NOTE: If your query results are above the maximum return records defined by the business a response code of "QE" (Query Error) will be returned.  ** The Acknowledgement typeCode will remain an "AA" Application Accept.</p> <p>** This code is at the queryAck level and is only to indicate the max records was exceeded</p> <p>OK  QE  AE  NF</p>
//controlActProcess/queryAck/queryID	Search/Retrieve Person	0..1	II			
//controlActProcess/queryAck/queryResponseCode	Search/Retrieve Person	1..1	CS		<p><b>Valid values:</b></p> <p>OK  QE  AE  NF</p>	<p><b>OK</b> – references that the return response found and is returning the appropriate response with identity(ies)</p> <p><b>NF (No record Found)</b> – references that the provided request was valid, however an identity(ies) were not found to match the provided information.</p> <p><b>QE (Query Error)</b> – references that there was an issue with the returned record(s) that is preventing the service from returning results.</p> <p><b>AE (Application Error)</b> –</p>
//controlActProcess/queryAck/resultTotalQuantity	Search/Retrieve Person	0..1	INT			

//controlActProcess/queryAck/resultCurrentQuantity	Search/Retrieve Person	0..1	INT			
//controlActProcess/queryAck/resultRemainingQuantity	Search/Retrieve Person	0..1	INT			

Relative Path	Service	Card.	Data Type	Size	Format/Values / Ranges	Description
//controlActProcess	Search/Retrieve				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required) + @moodCode (required)	An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods. <b>classCode Default = CACT</b>  A service that actually happens, may be an ongoing service or a documentation of a past service. <b>moodCode Default = EVN</b>
//controlActProcess/dataEnterer	Search/Retrieve	0..*			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required) + @ContextControlCode (optional)  <b>Elements:</b> noteText (optional) + time (optional) + assignedPerson (required)	Default typeCode = "ENT" Default contextControlCode = "AP"  Data Entry person: A person entering the data into the originating system. The data entry person is collected optionally for internal quality control purposes.  An observation event has a patient participation marked "additive, propagating" (AP) and has component observation events linked through act relationships that are marked propagating. This means that the patient participation behaves as a patient participation of those component observation events in addition to the parent observation event
//controlActProcess/dataEnterer/assignedPerson/classCode	Search/Retrieve	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required)	classCode Default = "ASSIGNED"
//controlActProcess/dataEnterer/assignedPerson/id	Search/Retrieve	0..*	II		Root (required) + extension (required)	Person that entered the requested event. Example: Root = DoD OID extension = DoD EDIPI Root = VA OID extension = VA SecID (future VA implementation)  VA does not support this value but will support it in future releases

//controlActProcess/dataEnterer/assignedPerson/assignedPerson/name	Search/Retrieve	1..*	EN		Free text	Free Text for the User Performing the action Example: <name>John Smith</name>
//controlActProcess/subject	Search/Retrieve	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed) + @contextConductionInd (optional)	Fixed classCode = "SUBJ"
//controlActProcess/subject/registrationEvent	Search/Retrieve	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed) + @moodCode (required Fixed)	classCode = "REG" moodCode = "EVN"
//controlActProcess/subject/registrationEvent/id	Search/Retrieve	0..*	II			VA documented default value of nullFlavor = NA
//controlActProcess/subject/registrationEvent/statusCode	Search/Retrieve	1..1	CS		Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/typeCode	Search/Retrieve	1..1			Default = "SBJ"	Default = "SBJ"
//controlActProcess/subject/registrationEvent/subject1/patient	Search/Retrieve				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed)	classCode = "PAT"
//controlActProcess/subject/registrationEvent/subject1/patient/id	Search/Retrieve	0..*	II		Root (required) + extension (required)	nullFlavor <b>ASKU– Asked But Unknown</b> IdM Service will generate and assign a new Enterprise ID for the submitted profile without performing a search. This implementation requires that the consumers has already performed an attended search and the user is <b>explicitly</b> wanting to create/add a new record  <b>UNK – Unknown</b> IdM Service will generate and assign a new Enterprise ID for the submitted profile after performing a <b>implicit</b> search.

						<p>VA</p> <p>This value may be required depending on the specific use of the transaction.</p> <p><b>ID^TYPE^SOURCE^ISSUER^IDSTATUS</b></p> <p>IDSTATUS can be one of the following statuses:  <b>P</b>-Permanent ICNs  <b>A</b>-Active Correlations  <b>H</b>-Deprecated due to local merge. This is a value identified for correlations including EDIPI when the identifier has been deprecated/associated to another active ID.  <b>L</b> – Local merge pending. This is used to support the marking of active records as pending a merge, so that systems that have a large number of local dups can apply business rules to highlight 1 active and mark the others if applicable with this new status. This will allow business processes to utilize the 1 active (<b>implemented in version 4.1 or higher</b>)</p> <p><b>PCE</b>-Pending Cat Edit correlations  <b>C</b> – Cerner Converted</p> <p>Note: Deprecated ICNs will be passed in the replacementOf stanza.</p> <p>IDSTATUS specific to transaction Orchestration:</p> <p><b>POT</b> - (Orchestration/Search) External system identifier categorized as a potential match.  <b>NF</b> - (Orchestration/Search) External system did not have a match.  <b>ERROR</b> - (Orchestration/Search) External system is unavailable. (Indicator that external service to MVI is in an ERROR state.)  <b>TIMEOUT</b> - (Orchestration/Search) External system timeout. (Indicator that external service to MVI did not respond within the allotted time.)  <b>FAULT</b> - (Orchestration/Search) External system returned a fault message. (Indicator that external service to MVI rejected the transaction.)  <b>UNKNOWN</b> - (Orchestration/Search) External system returned an unexpected response MVI will default the IDStatus to UNKNOWN.</p>
//controlActProcess/subject/registrationEvent/subject1/patient/statusCode	Search/Retrieve	1..1	CS		<p><b>Element:</b></p> <p>Default = "active"</p>	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/name	Search/Retrieve	1..*	PN		<p>Use (required attribute) + delimiter (optional) + given (optional and repeatable element) + family (required element) + prefix (optional element) + suffix (optional element)</p> <p><b>L – Legal</b>  Legal Name  <b>P–Alias</b>  Alias Name  <b>C –Maiden Name</b>  Mothers maiden name  <b>ASGN –Preferred Name</b>  Preferred name</p>	<p>A set of codes advising a system or user which name in a set of like names to select for a given purpose.</p> <p>A name without specific use code might be a default name useful for any purpose, but a name with a specific use code would be preferred for that respective purpose. This should contain the legal name of the patient.</p> <p>Example:</p>

					<p>First instance of this element is Firstname.</p> <p>Second instance of this element is MiddelName.</p>	<p><b>Legal Name</b></p> <pre>&lt;name use="L"&gt;   &lt;given&gt;FIRST&lt;/given&gt;   &lt;given&gt;MIDDLE&lt;/given&gt;   &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</pre> <p><b>*** Note:</b> family is required for Legal Name and if no first name then it should be passed using nullFlavor</p> <pre>&lt;given nullFlavor="NA"/&gt;</pre> <p><b>Maiden Name (Family Name is only used in most cases)</b></p> <pre>&lt;name use="C"&gt;   &lt;given&gt;FIRST&lt;/given&gt;   &lt;given&gt;MIDDLE&lt;/given&gt;   &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</pre> <p><b>Pseudo/Alias Name (delimiter element is used to support a pair-wise mapping from Alias Name to Alias SSN)</b></p> <pre>&lt;name use="P"&gt;   &lt;delimiter&gt;100&lt;/delimiter&gt;   &lt;given&gt;FIRST&lt;/given&gt;   &lt;given&gt;MIDDLE&lt;/given&gt;   &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</pre> <p><b>Preferred Name</b></p> <p>If a Consumer sends ALL pieces... we use ALL PIECES into a COMBINED field, i.e. Super Cool Dad</p> <pre>&lt;name use="ASGN"&gt;   &lt;given&gt;Super&lt;/given&gt; ← first   &lt;given&gt;Cool&lt;/given&gt; ← middle   &lt;family&gt;Dad&lt;/family&gt; ← last &lt;/name&gt;</pre> <p>If a Consumer sends ONLY the FIRST GIVEN it still works the same... i.e. the COMBINED field will just be "Super"</p> <pre>&lt;name use="ASGN"&gt;   &lt;given&gt;Super&lt;/given&gt; ← first &lt;/name&gt;</pre> <p>If a Consumer sends ONLY the FIRST GIVEN and LAST it still works the same... i.e. the COMBINED field will just be "Super Dad"</p> <pre>&lt;name use="ASGN"&gt;   &lt;given&gt;Super&lt;/given&gt; ← first   &lt;family&gt;Dad&lt;/family&gt; ← last &lt;/name&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/telecom	Search/Retrieve	0..*	TEL		<p><b>Use = "HP" = Home Phone</b></p> <p>Use = "WP" Work Phone</p> <p>Use = "PUB" Fax number</p> <p>Use = "CP" Cell Phone</p>	<p>This should contain the home phone of the patient.</p> <pre>&lt;telecom use="HP" value="5555550987"/&gt;</pre> <p>&lt;telecom use = "WP" value=5555550986"/&gt;</p> <p>&lt;telecom use = "PUB"</p>

						value=555550986"/>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/administrativeGender	Search/Retrieve	0..1	CE		<b>M = Male</b> <b>F = Female</b>	This should contain the patient's/person's gender. Example: <administrativeGenderCode code="M" />
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthTime	Search/Retrieve	0..1	TS		Digits: 0 - 9 YYYYMMDD	This should contain the patient's/person's date of birth. Example: <birthTime value="19500101" />
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthPlace	Search/Retrieve Person	0..1	BL		<b>Attributes:</b> @NullFlavor (optional) + @classCode (optional) (fixed = "BIRTHPL")	Describes persons birth place
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthPlace/addr	Search/Retrieve Person	0..1	AD		streetAddressLine (free text) city (free text) state (FIPS) <b>Province if the Country is not USA</b> country (ISO 3166-3).	city (free text) state (FIPS) <b>Province if the Country is not USA</b> country (ISO 3166-3).
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/deceasedTime	Search/Retrieve	0..1	TS		YYYY-MM-DDThh:mm:ss	This should contain the patient's/person's date of death Example: <deceasedTime value="20110618" />
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/multiBirthInd	Search/Retrieve	0..1	BL		'true' = Multiple Birth 'false' = Single Birth The value is also nullable.	Describes if person is a twin, triplet, etc.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/multipleBirthOrderNumber	Search/Retrieve	0..1	INT			Describes the order in which a person is born, if part of a multiple birth. For example 1, 2, 3,...
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/addr	Search/Retrieve	0..*	AD		Use (required) + streetAddressLine (optional repeat 3 times) + city + state + postalCode + country  Default use = "HP" Home Address  streetAddressLine (free text) city (free text)	Describes all of a patient/person's associated addresses. Example: <addr use="HP"> <streetAddressLine>23456 34562 Street</streetAddressLine> <city>Chicago</city>



					<p>state (FIPS alpha code) <b>Province if the Country is not USA</b> country (ISO 3166- alpha 3)</p> <p>DoD requires State if address is passed. This will not result in the add failure, it just will not store the address.</p>	<p>&lt;state&gt;IL&lt;/state&gt; &lt;country&gt;USA&lt;/country&gt; &lt;postalCode&gt;33333&lt;/postalCode&gt; &lt;/addr&gt;</p>
//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs					<p><b>Attributes:</b> @nullFlavor (optional) + @classCode (required)</p>	<p>classCode <b>PAT</b> Patient identifier</p> <p><b>SSN or CIT</b> Social Security Number</p> <p><b>ALIAS_SSN_nnn</b> (pair-wise with Alias Name where nnn will map to the delimiter value of the Alias Name) <b>classCode values by versionCode:</b> <b>PAT</b> - all versions.. <b>CIT</b> - to DOD v2.0 and above - to replace SSN for all consumers 4.0 or higher <b>SSN</b> - versioncode under 4.0 <b>ALIAS_SSN_nnn</b> - all versions...</p>
//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/id	Search/Retrieve	1..*	II		Root (required) + extension (required)	<p>Patient identifier adheres to the following id format.</p> <p><b>ID (required)^TYPE^SOURCE^ISSUER^status</b></p> <p>For Enterprise IDs like ICN and EDIPI the root + ID is all that is required. However, for those systems requiring to interact between a HL7v2.4 and HL7v3 implementation the other elements are useful and needed.</p>
//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/personalRelationship/code					<p><b>Attributes:</b> @code (required)</p>	<p><b>code</b> <b>HCP</b> - Health Care Proxy <b>PR</b> - Personal Representative <b>CGP</b> – Caregiver Primary <b>CGG</b> – Caregiver General <b>CGS</b> – Caregiver Secondary</p>
//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/personalRelationship/code/translation					<p><b>Attributes:</b> @code (required)</p>	<p><b>Code</b></p> <p><b>PRS</b> In Relationship with target.</p> <p><b>QUAL</b> Relationship to target.</p>
//controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/statusCode					<p><b>Attributes:</b> @code (required)</p>	<p>Code and Code displayName will be the same as the code unless otherwise document below</p> <p><b>Pending</b> Caregiver displayName = <b>In Process</b></p> <p><b>Active</b> Caregiver displayName = <b>Approved</b></p> <p><b>Inactive</b></p>

						<p>Caregiver displayName = <b>Revoked</b></p> <p><b>Decline</b></p> <p>Caregiver displayName = <b>Denied</b></p> <p><b>Terminated</b></p> <p>Caregiver displayName = <b>Benefit End Date</b></p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/effectiveTime					<p><b>Attributes:</b></p> <p>@value (required)</p>	Effective date of relationship.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/relationshipHolder1/id					Root (required) + extension (optional)	Corresponding identifiers in relation to relationship.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/relationshipHolder1/asOtherIds					<p><b>Attributes:</b></p> <p>@classCode (required)</p>	<p>classCode</p> <p><b>PREF</b></p> <p>Relationship Preferences.</p> <p>EXPIRATION_DATE</p> <p>Relationship expiration date.</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIds/statusCode	Search/Retrieve	0..1	CS		<p><b>Element:</b></p> <p>SSN Verification Status = "SSN Verification status"</p> <p>Proofing Level of Assurance = "LOA"</p>	<p>For support for passing SSN Verification Status use classCode = "SSN" and statusCode =</p> <p><b>0</b> - New</p> <p><b>1</b> - In Process</p> <p><b>2</b> - Invalid</p> <p><b>3</b> - Resend</p> <p><b>4</b> - Verified</p> <p>For support of passing LOA (Identity Proofing Level of Assurance) use classCode = "PAT" and statusCode =</p> <p><b>1</b> - Little or No confidence</p> <p><b>2</b> - Some confidence</p> <p><b>3</b> - High confidence</p> <p><b>4</b> - very high confidence</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIds/scopingOrganization	Search/Retrieve	1..1			<p><b>Attributes:</b></p> <p>@nullFlavor (optional) + @classCode (required) + @determinerCode (required fixed)</p>	<p>classCode default = "ORG"</p> <p><b>INSTANCE – specific</b></p> <p>The specific determiner indicates that the given Entity is taken as one specific instance. For example, a human INSTANCE (quantity = 1,) stands for exactly one human being</p> <p>determinerCode X' = "INSTANCE"</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIds/scopingOrganization/id	Search/Retrieve	1..*	II		Root (required) + extension (optional)	<p>This value should be the same as the asOtherIds ID root.</p> <p>Example:</p> <pre>&lt;scopingOrganization classCode="ORG" determinerCode="INSTANCE"&gt;   &lt;id root="2.16.840.1.113883.4.349" /&gt; &lt;/scopingOrganization&gt;</pre> <p>Orchestration:</p>

//controlActProcess/subject/registrationEvent/subject1/patient/providerOrganization	Search/Retrieve	1..1			<b>Attributes:</b> @nullFlavor (optional) @classCode (required) @determinerCode (required fixed)	The Patient class is scoped by the provider organization where this person is a patient. The HL7 definition of the CMET requires that the provider organization needs to be identified by an id attribute, and at least one of address, telecommunications address, or contact person to be present. The id attribute SHALL have only a root, expressed as an ISO OID.  classCode = "ORG" determinerCode = "INSTANCE"  Example: <providerOrganization classCode="ORG" determinerCode="INSTANCE"> <id root="2.16.840.1.113883.4.349" /> </providerOrganization>
//controlActProcess/subject/registrationEvent/subject1/patient/providerOrganization/id	Search/Retrieve	1..*	II		Root (required) + extension (optional)	This element is where you would provide the physical location of the event. For example, Vista and/or CHCS MTF location.
//controlActProcess/subject/registrationEvent/custodian/typeCode	Search/Retrieve	1..1			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required) + @contextControlCode (optional)	typeCode Default="CST"  Example: <custodian typeCode="CST"> <assignedEntity classCode="ASSIGNED"> <id root="2.16.840.1.113883.3.933" /> <assignedOrganization classCode="ORG" determinerCode="INSTANCE"> <name>Good Health Clinic</name> </assignedOrganization> </assignedEntity> </custodian>

## 8.4.9 HL7v3 1306 – Response Sample

**NOTE:** The **displayName** will "qualify"/indicate the type of code.

1. IMT = Identity Match Threshold (Only used for the 1306)
2. PDT = Potential Duplicate Threshold (Only used for the 1306)

### 1306 Response Acknowledgement section:

```
<acknowledgementDetail>
  <code codeSystemName="MVI" code="145" displayName="IMT"></code>
  <text>Identity Match Threshold</text>
</acknowledgementDetail>
```

```
<acknowledgementDetail>
  <code codeSystemName="MVI" code="102" displayName="PDT"></code>
  <text>Potential Duplicate Threshold</text>
</acknowledgementDetail>
```

**NOTE:** Each returned “subject/patient” section will contain a “*queryMatchObservation*”

element. The value (highlighted below) must be equal to or above the IMT threshold for the “subject/patient” to be considered a match.

If the values is below the IMT threshold, but equal to or above the PDT threshold, the “subject/patient” is considered a “Potential match”

```
<subjectOf1>
  <queryMatchObservation
    classCode="COND" moodCode="EVN">
      <code code="IHE_PDQ"/>
      <value value="111.0" xsi:type="INT"/>
    </queryMatchObservation>
  </subjectOf1>
```

### **Max Results Exceeded:**

**NOTE:** If your query results are above the maximum return records defined by the business a response code of “QE” (Query Error) will be returned.

**\*\* The Acknowledgement typeCode will remain an “AA” Application Accept.**

**\*\* This code is at the queryAck level and is only to indicate the max records was exceeded.**

```
<queryAck>
<queryId extension="18204" root="2.16.840.1.113883.3.933"/>
<queryResponseCode code="QE"/>
<resultCurrentQuantity value="0"/>
</queryAck>
```

## 8.4.10 HL7v3 1306 – Search/Retrieve Unattended with VBA Orchestration Response

### VA MPI Orchestration NOTES

There are 3 main sections that highlight VA MPI/VBA Orchestration:

#### 1. DataEnterer/representedOrganization: BGS Security and MVI Auditing

a. This information was provided earlier to D2D and VDC - no changes here.

```
b. <dataEnterer contextControlCode="AP" typeCode="ENT">
c.   <assignedPerson classCode="ASSIGNED">
d.     <!-- IF Veteran and EDIPI used-->
e.     <id root="2.16.840.1.113883.3.42.10001.100001.12"
      extension="123456789^NI^200DOD^USDOD"/>
f.     <!-- IF Corp Participant ID if VSO Rep -->
g.     <id root="2.16.840.1.113883.4.349"
      extension="123456789^PN^200CORP^USVBA"/>
h.     <assignedPerson determinerCode="INSTANCE" classCode="PSN">
i.       <name>
j.         <given>UserFirstName</given>
k.         <family>UserLastName</family>
l.       </name>
m.     </assignedPerson>
n.     <!-- Required for BGS Services -->
o.     <representedOrganization classCode="ORG" determinerCode="INSTANCE">
p.       <!-- Required for BGS Services: External UID -->
q.       <id root="2.16.840.1.113883.4.349" extension="UID" />
r.       <!-- Required for BGS Services: External KEY -->
s.       <code code="KEY" />
t.       <!-- Required for BGS Services: Application Name -->
u.       <desc>VBMS</desc>
v.       <!-- Required for BGS Services CLIENT_MACHINE -->
w.       <telecom value="10.224.104.174" />
x.     </representedOrganization>
y.   </assignedPerson>
z. </dataEnterer>
```

#### 2. SEARCH and RETRIEVE:

- a. otherIDsScopingOrganization: Orchestration Marker so VA MPI can properly route/process the transaction

This is the same exact stanza provided to both VDC and D2D

```
<otherIDsScopingOrganization>
  <value root="2.16.840.1.113883.4.349" extension="VBA" />
  <semanticsText>MVI.ORCHESTRATION</semanticsText>
</otherIDsScopingOrganization>
```

#### 3. ADD

- a. attentionLine: Allows for traceability and reciprocal matching

- i. This Stanza is NEW for the ADD Transaction and indicates the Control id/token provided back on the 1306 response from either the RETRIEVE or SEARCH. The Control id/token is the top <id> element of the 1306 response and a standard part of all transactions. The key is that the consumer will have to “save” this Control-id/token for submission of the ADD.

```
1. <attentionLine>
2.   <keyWordText>Search.Token</keyWordText>
3.   <value xsi:type="ST">WS1403311328092491244619590</value>
4. </attentionLine>
```

- b. asOtherId/Scopingorganization: Orchestration Marker so VA MPI can properly route/process the transaction

- i. Slight tweak to the XML stanza from previous examples.

```
ii.   <asOtherIDs classCode="PAT">
iii.   <id extension="PROXY_ADD^PI^200VBA^USVBA"
      root="2.16.840.1.113883.4.349"/>
```

```

iv.          <scopingOrganization classCode="ORG"
determinerCode="INSTANCE">
v.          <id root="2.16.840.1.113883.4.349" extension="VBA"/>
vi.          <name>MVI.ORCHESTRATION</name>
vii.         </scopingOrganization>
viii.        </asOtherIDs>

```

#### Add Flow/Processing:

1. NS261 = Back Search Token/Attention Line
2. SYN101 = Missing/Invalid Minimum requirements
3. KEY205 = Multiple BIRLS or CORP records
4. PNADD000001 = "Potentials" returned from the previous Search or Retrieve
5. SYN100 = BIRLS but no CORP record condition
6. INTERR = Add failed on backside

#### Snippet:

```

<acknowledgementDetail>
  <code codeSystem="2.16.840.1.113883.1.11.19639" displayName="Required attributes missing"
code="SYN101"/>
  <text>Required attributes missing</text>
</acknowledgementDetail>
<acknowledgementDetail>

```

### SPECIAL NOTES:

4. Please adjust the Sender Mnemonic/Code according to your project, i.e. VDC=200VDC and D2D= 200D2D

- a. <sender typeCode="SND">
- b. <device classCode="DEV" determinerCode="INSTANCE">
- c. <id extension="200TBE" root="2.16.840.1.113883.4.349" />
- d. </device>
- e. </sender>

5. **Dataenterer** – Please adjust with the proper User Id and Name for the user performing the business process

- a. <id root="2.16.840.1.113883.3.2017" extension="vacojohnss4^PN^200M^USDVA" />
- b. <assignedPerson determinerCode="INSTANCE" classCode="PSN">
- c. <name>
- d. <given>Seth</given>
- e. <family>Vikash</family>
- f. </name>
- g. </assignedPerson>

6. **BGS Credentials**

- a. Note that the BGS account information in these samples has been redacted. It's the responsibility of the VDC/D2D to reach out to BGS and establish account credentials with them and supply this information in the designated "representedOrganization" section of the requests. Without these credentials VDC/D2D will not be able to execute a successful call.
- b. <representedOrganization classCode="ORG" determinerCode="INSTANCE">
- c. <id root="2.16.840.1.113883.4.349" extension="ExternalUid"/>
- d. <code code="ExternalKey"/>

- e. <desc>*applicationName*</desc>
- f. <telecom value="CLIENT\_MACHINE"/>
- g. </representedOrganization>

The “**SEARCH.TOKEN**” is simply the control id of any 1306 response. The working examples from last night are full 100%, actually transactions, communicating to the BGS backend. The TOKEN isn’t anything different from your original transactions, from a location perspective. The key is your **Add** having that value in the Attention line stanza.

#### Example snippet:

```
<idm:PRPA_IN201306UV02 xmlns:idm="http://vaww.oed.oit.va.gov" ....cut for size..
<id root="2.16.840.1.113883.4.349" extension="WS1405071801075741303600707" />
```

#### Excerpt from the 4/4 email

##### 2. ADD

##### a. attentionLine: Allows for traceability and reciprocal matching

- i. This Stanza is **NEW** for the ADD Transaction and indicates the Control id/token provided back on the 1306 response from either the RETRIEVE or SEARCH. The Control id/token is the top <id> element of the 1306 response and a standard part of all transactions. The key is that the consumer will have to “save” this Control-id/token for submission of the ADD.

```
1. <attentionLine>
2. <keyWordText>Search.Token</keyWordText>
3. <value xsi:type="ST">WS1403311328092491244619590</value>
4. </attentionLine>
```

#### Account Fields Defined by BGS/VBA:

- **ExternalUid**: User’s identifier (user name, user id, etc...) corresponding to the caller’s identity in the client application. Do not use this element for internal application. 39 characters is the limit.
- **ExternalKey** User’s system identifier associated with the caller’s identity (if the ExternalUid represents a unique identifier of the user’s identity, then this value is equal to the ExternalUid, otherwise represents a unique id – such a PK). Do not use this element for internal applications. 39 characters is the limit.
- **applicationName** Valid name of an application as defined in CSS, to which the user has access to in CSS. This attribute should be the application ID of the request originating system/application (example: If VBMS application is making a call on behalf of VDC then VDC should be the value for applicationName). 29 characters is the limit.

Possible Returns results from VA MPI Service call with VBA Orchestration:

- 1) Multiple Match error (Note: Only relative to Search Unattend, Retrieve would either know the ID passed in or not).
- 2) ICN with 1 CORP and 1 BIRLS
- 3) ICN with 1 CORP and 1+ BIRLS
- 4) ICN with 1 CORP and BIRLS (unknown)
- 5) ICN with 1 CORP and BIRLS (system unavailable)
- 6) ICN with 1 CORP and BIRLS (potential match)
- 7) ICN with CORP (unknown) and 1 BIRLS
- 8) ICN with CORP (unknown) and 1+ BIRLS
- 9) ICN with CORP (unknown) and BIRLS (unknown)
- 10) ICN with CORP (unknown) and BIRLS (system unavailable)
- 11) ICN with CORP (unknown) and BIRLS (potential match)
- 12) ICN with 1+ CORP and 1 BIRLS
- 13) ICN with 1+ CORP and 1+ BIRLS
- 14) ICN with 1+ CORP and BIRLS (unknown)
- 15) ICN with 1+ CORP and BIRLS (system unavailable)
- 16) ICN with 1+ CORP and BIRLS (potential match)
- 17) ICN with CORP (system unavailable) and 1 BIRLS
- 18) ICN with CORP (system unavailable) and 1+ BIRLS

- 19) ICN with CORP (system unavailable) and BIRLS (unknown)
- 20) ICN with CORP (system unavailable) and BIRLS (system unavailable)
- 21) ICN with CORP (system unavailable) and BIRLS (potential match)
- 22) ICN with CORP (potential match) and 1 BIRLS
- 23) ICN with CORP (potential match) and 1+ BIRLS
- 24) ICN with CORP (potential match) and BIRLS (unknown)
- 25) ICN with CORP (potential match) and BIRLS (system unavailable)
- 26) ICN with CORP (potential match) and BIRLS (potential match)
- 27) No ICN

Note: “System Unavailable” could be either IDStatus of “ERROR”, “UNKNOWN”, “TIMEOUT” or “FAULT”

#### Possible example returned ID values in 1306

```
<patient classCode="PAT">
  <id root="2.16.840.1.113883.4.349" extension="1041814410V965736^NI^200M^USVHA^P"/>
  <id root="2.16.840.1.113883.4.349" extension="20140418001^PI^556^USVHA^A"/>
  <id root="2.16.840.1.113883.3.42.10001.100001.12" extension="1606684572^NI^200DOD^USDOD^A"/>
  <id root="2.16.840.1.113883.4.349" extension="181343852^PI^200BRLS^USVBA^POT"/>
  <id root="2.16.840.1.113883.4.349" extension="9000236171^PI^200CORP^USVBA^POT"/>
</statusCode code="active"/>
```

IDSTATUS can be one of the following statuses:

**P**-Permanent ICNs

**A**-Active Correlations

IDSTATUS specific to transaction Orchestration:

**POT** - (Orchestration/Search) External system identifier categorized as a potential match.

**NF** - (Orchestration/Search) External system did not have a match.

**ERROR** - (Orchestration/Search) External system is unavailable. (Indicator that external service to VA MPI is in an ERROR state.)

**TIMEOUT** - (Orchestration/Search) External system timeout. (Indicator that external service to VA MPI did not respond within the allotted time.)

**FAULT** - (Orchestration/Search) External system returned a fault message. (Indicator that external service to VA MPI rejected the transaction.)

**UNKNOWN** - (Orchestration/Search) External system returned an unexpected response VA MPI will default the IDStatus to UNKNOWN.

**C** – Cerner Converted

### 8.4.10.1 UnAttended Search with Orchestration Example

#### 1305 Message from D2D to VA MPI



```

<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ps="http://vaww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
ITSVersion="XML_1.0" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd">
  <id extension="c65d7be0-3456-11e4-b07c-0ae258860000" root="1.2.840.114350.1.13.0.1.7.1.1">
  </id>
  <creationTime value="20140904121322">
  </creationTime>
  <interactionId extension="PRPA_IN201305UV02" root="2.16.840.1.113883.1.6">
  </interactionId>
  <processingCode code="T">
  </processingCode>
  <processingModeCode code="T">
  </processingModeCode>
  <acceptAckCode code="AL">
  </acceptAckCode>
  <receiver typeCode="RCV">
    <device determinerCode="INSTANCE" classCode="DEV">
      <id root="2.16.840.1.113883.4.349">
      </id>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device determinerCode="INSTANCE" classCode="DEV">
      <id extension="200D2D" root="2.16.840.1.113883.4.349">
      </id>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code codeSystem="2.16.840.1.113883.1.6" code="PRPA_TE201305UV02">
    </code>
    <dataEnterer contextControlCode="AP" typeCode="ENT">
      <assignedPerson classCode="ASSIGNED">
        <id extension="vhaispchinc^PN^200M^USDVA" root="2.16.840.1.113883.3.2017">
        </id>
        <assignedPerson determinerCode="INSTANCE" classCode="PSN">
          <name>
            <given>VIERS</given>
            <family>D2D</family>
          </name>
        </assignedPerson>
        <representedOrganization determinerCode="INSTANCE" classCode="ORG">
          <id extension="VIERS" root="2.16.840.1.113883.4.349">
          </id>
          <code code="20120708-08:08:11:580">
          </code>
          <desc>VIERS</desc>
          <telecom value="10.226.88.134">
          </telecom>
        </representedOrganization>
      </assignedPerson>
    </dataEnterer>
    <queryByParameter>

```

```

<queryId extension="c65d93b4-3456-11e4-b07c-0ae258860000" root="1.2.840.114350.1.13.28.1.18.5.999">
  </queryId>
  <statusCode code="new">
  </statusCode>
  <initialQuantity value="1">
  </initialQuantity>
  <modifyCode code="MVI.COMP1">
  </modifyCode>
  <parameterList>
    <livingSubjectAdministrativeGender>
      <value code="M">
      </value>
      <semanticsText>LivingSubject.administrativeGender</semanticsText>
    </livingSubjectAdministrativeGender>
    <livingSubjectBirthTime>
      <value value="19750903">
      </value>
      <semanticsText>LivingSubject..birthTime</semanticsText>
    </livingSubjectBirthTime>
    <livingSubjectId>
      <value extension="864090375" root="2.16.840.1.113883.4.1">
      </value>
      <semanticsText>LivingSubject..id</semanticsText>
    </livingSubjectId>
    <livingSubjectName>
      <value use="L">
        <given>MVIDTDSEVT</given>
        <family>BIRLSNFCORPNF</family>
      </value>
      <semanticsText>LivingSubject.name</semanticsText>
    </livingSubjectName>
    <patientAddress>
      <value use="PHYS">
        <streetAddressLine>1234 Any Street</streetAddressLine>
        <city>Leawood</city>
        <state>KS</state>
        <postalCode>66224</postalCode>
        <country>USA</country>
      </value>
    </patientAddress>
    <otherIDsScopingOrganization>
      <value extension="VBA" root="2.16.840.1.113883.4.349">
      </value>
      <semanticsText>MVI.ORCHESTRATION</semanticsText>
    </otherIDsScopingOrganization>
  </parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>

```

#### **8.4.10.2 Search Unattended with Orchestration Response Sample**

```

<idm:PRPA_IN201306UV02 xmlns:idm="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="WSDOC1409041213232541745020308"/>
  <creationTime value="20140904121324"/>
  <versionCode code="3.0"/>
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="NE"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" extension="200D2D"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" extension="200M"/>
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA"/>
    <targetMessage>
      <id root="1.2.840.114350.1.13.0.1.7.1.1" extension="c65d7be0-3456-11e4-b07c-0ae258860000"/>
    </targetMessage>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6"/>
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA"/>
        <statusCode code="active"/>
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id root="2.16.840.1.113883.4.349" extension="1012832101V862309^NI^200M^USVHA^P"/>
            <id root="2.16.840.1.113883.3.364" extension="1607416997^NI^200DOD^USDOD^A"/>
            <id root="2.16.840.1.113883.4.349"
extension="0000001012832101V862309000000^PI^200ESR^USVHA^A"/>
            <id root="2.16.840.1.113883.4.349" extension="208944^PI^556^USVHA^A"/>
            <id root="2.16.840.1.113883.4.1" extension="1409031549356670516080883^PI^200SSA^USSSA^A"/>
            <id root="2.16.840.1.113883.4.349" extension="7188521^PI^987^USVHA^A"/>
            <id root="2.16.840.1.113883.4.1" extension="864090375^SS^200SSA^USSSA^4"/>
            <id root="2.16.840.1.113883.4.349" extension="UNK^PI^200BRLS^USVBA^NF"/>
            <id root="2.16.840.1.113883.4.349" extension="UNK^PI^200CORP^USVBA^NF"/>
            <statusCode code="active"/>
          <patientPerson>
            <name use="L">
              <given>MVIDTDSEVT</given>
              <family>BIRLSNFCORPNF</family>
            </name>
            <name use="C">
              <family>THOMSON</family>
            </name>
            <telecom value="(913)225-6958" use="HP"/>
          </patientPerson>
          <activeGenderCode code="M"/>
        </subject1>
      </registrationEvent>
      <id root="2.16.840.1.113883.4.349" extension="750903"/>
    </subject>
  </controlActProcess>
  <addr use="PHYS">
    <streetAddressLine>123 ANY STREET</streetAddressLine>
    <city>LEAWOOD</city>
  </addr>
</idm:PRPA_IN201306UV02>

```

### 8.4.11 HL7v3 1306 – Search Person Response Sample (Fully qualified ICN specified in queryByParameter/parameterList)

```
<idm:PRPA_IN201306UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.3.933" extension="MCID-1204191237278120677156701" />
  <creationTime value="20120419123727-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA_MP" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6" />
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id root="2.16.840.1.113883.4.349" extension="1008592733V176373^NI^200M^USVHA^P" />
            <id root="2.16.840.1.113883.4.1" extension="212104521^SS" />
            <statusCode code="active" />
          </patient>
          <patientPerson>
            <name use="L">
              <given>JOHN</given>
              <family>MABANE</family>
            </name>
            <telecom value="9722222222" use="HP" />
            <administrativeGenderCode code="M" />
            <birthTime value="19821005" />
            <addr use="PHYS">
              <streetAddressLine>2826 PRESTON RD</streetAddressLine>
            </addr>
          </patientPerson>
        </subject1>
      </registrationEvent>
    </subject>
  </controlActProcess>
</idm:PRPA_IN201306UV02>
```

```

        <city>PLANO</city>
        <state>TX</state>
        <postalCode>75093</postalCode>
        <country>USA</country>
    </addr>
</patientPerson>
<subjectOf1>
    <queryMatchObservation moodCode="EVN" classCode="COND">
        <code code="IHE_PDQ" />
        <value nullFlavor="NA" xsi:type="INT" />
    </queryMatchObservation>
</subjectOf1>
</patient>
</subject1>
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349" />
        </assignedEntity>
    </custodian>
</registrationEvent>
</subject>
<queryAck>
    <queryId root="2.16.840.1.113883.3.933" extension="18204" />
    <queryResponseCode code="OK" />
    <resultCurrentQuantity value="1" />
</queryAck>
<queryByParameter>
    <queryId extension="18204" root="2.16.840.1.113883.3.933" />
    <statusCode code="new" />
    <initialQuantity value="1" />
    <parameterList>
        <id extension="1008592733V176373^NI" root="2.16.840.1.113883.4.349" />
    </parameterList>
</queryByParameter>
</controlActProcess>
</idm:PRPA_IN201306UV02>

```

### 8.4.12 HL7v3 1306 – Search Person Response Sample (Fully qualified IEN specified in queryByParameter/parameterList)

```
<idm:PRPA_IN201306UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204191243158731407760379" />
  <creationTime value="20120419124315-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6" />
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id root="2.16.840.1.113883.4.349" extension="1008592733V176373^NI^200M^USVHA^P" />
            <id root="2.16.840.1.113883.4.1" extension="212104521^SS" />
            <statusCode code="active" />
            <patientPerson>
              <name use="L">
                <given>JOHN</given>
                <family>MABANE</family>
              </name>
              <telecom value="9722222222" use="HP" />
              <administrativeGenderCode code="M" />
              <birthTime value="19821005" />
              <addr use="PHYS">
                <streetAddressLine>2826 PRESTON RD</streetAddressLine>
                <city>PLANO</city>
                <state>TX</state>
              </addr>
            </patientPerson>
          </patient>
        </subject1>
      </registrationEvent>
    </subject>
  </controlActProcess>

```

```

        <postalCode>75093</postalCode>
        <country>USA</country>
    </addr>
</patientPerson>
<subjectOf1>
    <queryMatchObservation moodCode="EVN" classCode="COND">
        <code code="IHE_PDQ" />
        <value nullFlavor="NA" xsi:type="INT" />
    </queryMatchObservation>
</subjectOf1>
</patient>
</subject1>
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349" />
        </assignedEntity>
    </custodian>
</registrationEvent>
</subject>
<queryAck>
    <queryId root="2.16.840.1.113883.3.933" extension="18204" />
    <queryResponseCode code="OK" />
    <resultCurrentQuantity value="1" />
</queryAck>
<queryByParameter>
    <queryId extension="18204" root="2.16.840.1.113883.3.933" />
    <statusCode code="new" />
    <initialQuantity value="1" />
    <parameterList>
        <id extension="100002412^PI^553^USVHA" root="2.16.840.1.113883.4.349" />
    </parameterList>
</queryByParameter>
</controlActProcess>
</idm:PRPA_IN201306UV02>

```

### 8.4.13 HL7v3 1306 – Search Person Composite Response for MVI.COMP1

```

<PRPA_IN201306UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
    <id root="2.999.999.999.999.2" extension="201010061250200620085020253" />
    <creationTime value="20101006125020-0400" />
    <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02" />
    <processingCode code="T" />
    <processingModeCode code="T" />
    <acceptAckCode code="NE" />
    <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="1.2.840.114350.1.13.999.567" />
        </device>
    </receiver>

```



```

</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </device>
</sender>
<acknowledgement>
  <typeCode code="AA" />
  <targetMessage>
    <id root="1.2.840.114350.1.13.0.1.7.1.1" extension="35423" />
  </targetMessage>
  <acknowledgementDetail>
    <code codeSystemName="MVI" code="145" displayName="IMT"></code>
    <text>Identity Match Threshold</text>
  </acknowledgementDetail>
  <acknowledgementDetail>
    <code codeSystemName="MVI" code="102" displayName="PDT"></code>
    <text>Potential Duplicate Threshold</text>
  </acknowledgementDetail>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
  <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6" />
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA" />
      <statusCode code="active" />
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id root="2.16.840.1.113883.4.349"
extension="0000002000000007V830033000000^NI^^" />
          <id root="2.16.840.1.113883.4.1" extension="000-99-9999^SS^USSSA" />

          <!-- Normally a part of the getCorIds information -->
          <id root="2.16.840.1.113883.4.349" extension="7171331^PI^553^USVHA"/>
          <id root="2.16.840.1.113883.4.349" extension="58146^PI^553^USVHA"/>
          <id root="2.16.840.1.113883.4.349"
extension="0000001001169908V468645000000^PI^200ESR^USVHA"/>

          <statusCode code="active" />
          <patientPerson>
            <name use="L">
              <given>John</given>
              <family>Smith</family>
            </name>
            <administrativeGenderCode code="M" />
            <birthTime value="19780512" />
          </patientPerson>
          <subjectOf1>
            <queryMatchObservation classCode="COND" moodCode="EVN">
              <code code="IHE_PDQ" />
              <value xsi:type="INT" value="104" />
            </queryMatchObservation>
          </subjectOf1>

```

```

        </patient>
    </subject1>
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349" />
        </assignedEntity>
    </custodian>
</registrationEvent>
</subject>
<queryAck>
    <queryId root="1.2.840.114350.1.13.28.1.18.5.999" extension="18204" />
    <queryResponseCode code="OK" />
    <resultTotalQuantity value="11" />
    <resultCurrentQuantity value="11" />
    <resultRemainingQuantity value="0" />
</queryAck>
<queryByParameter>
Details omitted here...
</queryByParameter>
</controlActProcess>
</PRPA_IN201306UV02>

```

#### 8.4.14 HL7v3 1306 - Search Person Composite Response for MVI.COMP2

```

<PRPA_IN201306UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
    <id root="2.999.999.999.999.2" extension="201010061250200620085020253" />
    <creationTime value="20101006125020-0400" />
    <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02" />
    <processingCode code="T" />
    <processingModeCode code="T" />
    <acceptAckCode code="NE" />
    <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="1.2.840.114350.1.13.999.567" />
        </device>
    </receiver>
    <sender typeCode="SND">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.349" />
        </device>
    </sender>
    <acknowledgement>
        <typeCode code="AA" />
        <targetMessage>
            <id root="1.2.840.114350.1.13.0.1.7.1.1" extension="35423" />
        </targetMessage>
        <acknowledgementDetail>
            <code codeSystemName="MVI" code="145" displayName="IMT"></code>
            <text>Identity Match Threshold</text>
        </acknowledgementDetail>
    </acknowledgement>

```

```

    <acknowledgementDetail>
      <code codeSystemName="MVI" code="102" displayName="PDT"></code>
      <text>Potential Duplicate Threshold</text>
    </acknowledgementDetail>
  </acknowledgement>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6" />
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <!-- The id elements will now contain ALL Active, Deprecated due to Local Merge and Pending
        Cat Edit Idenfifiers -->
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <!-- ICN denoted by type NI and root of 2.16.840.1.113883.4.349 -->
            <id extension="1020212383V608753^NI^200M^USVHA^P"
            root="2.16.840.1.113883.4.349" />
            <!-- Correlation Identifier - marked with a Pending Cat Edit Status of PCE -->
            <id extension="20120202001^PI^553^USVHA^PCE"
            root="2.16.840.1.113883.4.349" />
            <!-- Correlation Identifier - marked with a standard Active Status of A -->
            <id extension="20120202002^PI^500^USVHA^A"
            root="2.16.840.1.113883.4.349" />
            <id extension="20120203003^PI^500^USVHA^A"
            root="2.16.840.1.113883.4.349" />
            <!-- Correlation Identifier - marked with a Deprecated Due to Local Merge Status of H -->
            <id extension="20120203004^PI^553^USVHA^H"
            root="2.16.840.1.113883.4.349" />
            <!-- Correlation Identifier - marked with a Local Merge pending Status of L -->
            <id extension="20120203005^PI^553^USVHA^L"
            root="2.16.840.1.113883.4.349" />
            <!-- EDIPI - DOD Correlation, denoted with type NI, 200DOD and USDOD - -->
            <id extension="1234^NI^200DOD^USDOD^A" root="2.16.840.1.113883.3.364"
            />
            <!-- SSN Identifier denoted by type SS - A source of 200SSA, issuer: USSSA and Status will be
            present if the SSN has been verified by SSA -->
            <id extension="123456789^SS" root="2.16.840.1.113883.4.1" />
            <statusCode code="active" />
            <patientPerson>
              <name use="L">
                <given>John</given>
                <family>Smith</family>
              </name>
              <administrativeGenderCode code="M" />
              <birthTime value="19780512" />
            </patientPerson>
            <subjectOf1>
              <queryMatchObservation classCode="COND" moodCode="EVN">
                <code code="IHE_PDQ" />
                <value xsi:type="INT" value="104" />
              </queryMatchObservation>
            </subjectOf1>

```

```

        </patient>
    </subject1>
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="2.16.840.1.113883.4.349" />
        </assignedEntity>
    </custodian>
</registrationEvent>
</subject>
<queryAck>
    <queryId root="1.2.840.114350.1.13.28.1.18.5.999" extension="18204" />
    <queryResponseCode code="OK" />
    <resultTotalQuantity value="11" />
    <resultCurrentQuantity value="11" />
    <resultRemainingQuantity value="0" />
</queryAck>
<queryByParameter>
Details omitted here...
    </queryByParameter>
</controlActProcess>
</PRPA_IN201306UV02>

```

## 8.4.15 Sample 1305 Retrieve Relationships with ICN Identifier Request

```
<PRPA_IN201305UV02 xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ps="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
ITSVersion="XML_1.0" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd">
<id extension="2.16.840.1.113883.3.933" root="MCID-12345ZZZ" />
<versionCode code="4.0"/>
<creationTime value="20131025200408" />
<interactionId extension="PRPA_IN201305UV02" root="2.16.840.1.113883.1.6" />
<processingCode code="T" />
<processingModeCode code="T" />
<acceptAckCode code="AL" />
<receiver typeCode="RCV">
<device determinerCode="INSTANCE" classCode="DEV">
<id root="2.16.840.1.113883.4.349" />
</device>
</receiver>
<sender typeCode="SND">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933" />
</device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
<code codeSystem="2.16.840.1.113883.1.6" code="PRPA_TE201305UV02" />
<queryByParameter>
<queryId extension="18204ZZZ" root="2.16.840.1.113883.3.933" />
<statusCode code="new" />
<modifyCode code="MVI.COMP1.AMS" />
<responseElementGroupId extension="COR" root="2.16.840.1.113883.4.349" />
<initialQuantity value="1" />
<parameterList>
<id extension="1008693040V239296^NI^200M^USVHA" root="2.16.840.1.113883.4.349" />
</parameterList>
</queryByParameter>
</controlActProcess>
</m:PRPA_IN201305UV02>
```

## 8.4.16 Sample 1306 Retrieve Relationships with ICN Identifier Response

```
<PRPA_IN201306UV02 ITSVersion="XML_1.0" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd" xmlns="urn:hl7-org:v3"
xmlns:idm="http://vawww.oed.oit.va.gov">
<id extension="WSDOC1608311516254851362253161" root="2.16.840.1.113883.4.349"/>
<creationTime value="20160831151626"/>
<versionCode code="4.0"/>
<interactionId extension="PRPA_IN201306UV02" root="2.16.840.1.113883.1.6"/>
<processingCode code="T"/>
<processingModeCode code="T"/>
<acceptAckCode code="NE"/>
<receiver typeCode="RCV">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension="SITEKEY_OBTAINED_BY_MVI" root="1.2.840.114350.1.13.999.567"/>
</device>
</receiver>
<sender typeCode="SND">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension="200M" root="2.16.840.1.113883.4.349"/>
</device>
</sender>
<acknowledgement>
<typeCode code="AA"/>
<targetMessage>
<id extension="2.16.840.1.113883.3.933" root="MCID-12345ZZZ"/>
</targetMessage>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
<code codeSystem="2.16.840.1.113883.1.6" code="PRPA_TE201306UV02"/>
<subject typeCode="SUBJ">
<registrationEvent classCode="REG" moodCode="EVN">
<id nullFlavor="NA"/>
<statusCode code="active"/>
<subject1 typeCode="SBJ">
<patient classCode="PAT">
<id extension="1008693040V239296^NI^200M^USVHA^P" root="2.16.840.1.113883.4.349"/>
<statusCode code="active"/>
<patientPerson>
<name use="L">
<given>ROBERT</given>
<given>SCOTT</given>
<family>BIRMINGHAM</family>
</name>
<telecom value="(857)364-6277" use="HP"/>
<administrativeGenderCode code="M"/>
<birthTime value="19610605"/>
<addr use="PHYS">
<streetAddressLine>PO Box 1563</streetAddressLine>
<city>BELTSVILLE</city>
<state>MD</state>
```

```

    <postalCode>20704</postalCode>
    <country>USA</country>
  </addr>
  <asOtherIDs classCode="SSN">
    <id extension="666522949" root="2.16.840.1.113883.4.1"/>
    <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
      <id root="1.2.840.114350.1.13.99997.2.3412"/>
    </scopingOrganization>
  </asOtherIDs>
  <personalRelationship>
    <code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="HCP"
displayName="VA Healthcare Proxy">
      <translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="PRS"/>
    </code>
    <telecom value="mailto:Daniel.Rocha@va.gov" use="H"/>
    <statusCode code="ACTIVE"/>
    <effectiveTime value="20160705"/>
    <relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">
      <id extension="76143^PI^516^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="2^PI^553^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="2^PI^500^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="93838^PI^200HD^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="TKIP406281^PI^200IP^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <name use="L">
        <given>MICHAEL</given>
        <given>JAMES</given>
        <family>KILMADE</family>
        <prefix>MR</prefix>
        <suffix>SR</suffix>
      </name>
      <administrativeGenderCode code="M"/>
      <birthTime value="19420415"/>
      <asOtherIDs classCode="SSN">
        <id extension="350471102" root="2.16.840.1.113883.4.1"/>
        <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
          <id root="1.2.840.114350.1.13.99997.2.3412"/>
        </scopingOrganization>
      </asOtherIDs>
      <asOtherIDs classCode="EXP">
        <id extension="20160705" root="2.16.840.1.113883.4.349"/>
      </asOtherIDs>
      <asOtherIDs classCode="PREF">
        <id extension="FULL" root="2.16.840.1.113883.4.349"/>
      </asOtherIDs>
    </relationshipHolder1>
  </personalRelationship>
  <personalRelationship>
    <code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="HCP"
displayName="VA Healthcare Proxy">
      <translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="PRS"/>
    </code>
    <telecom value="mailto:cory.chin@va.gov" use="H"/>
    <statusCode code="ACTIVE"/>

```

```

    <effectiveTime value="20160706"/>
    <relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">
      <id extension="1008692729V844440^PI^200ESR^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="0001740098^PN^200PROV^USDVA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="192000809^PI^200CORP^USVBA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="ERIGO0179206637C9^PI^200IVT^USDVA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="2001920099^NI^200DOD^USDOD^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="66619200^PI^200BRLS^USVBA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="TKIP408409156^PI^200IP^USVHA^A^" root="2.16.840.1.113883.4.349"/>
      <id extension="1469916631672^PN^200VCSP^USDVA^A^" root="2.16.840.1.113883.4.349"/>
      <name use="L">
        <given>CHERRY</given>
        <given>ICE</given>
        <family>HAMILTON</family>
        <prefix>MS.</prefix>
        <suffix>PHD</suffix>
      </name>
      <administrativeGenderCode code="F"/>
      <birthTime value="19660105"/>
      <asOtherIDs classCode="SSN">
        <id extension="666192009" root="2.16.840.1.113883.4.1"/>
      <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
        <id root="1.2.840.114350.1.13.99997.2.3412"/>
      </scopingOrganization>
      </asOtherIDs>
      <asOtherIDs classCode="EXP">
        <id extension="20160706" root="2.16.840.1.113883.4.349"/>
      </asOtherIDs>
      <asOtherIDs classCode="PREF">
        <id extension="READ_ONLY" root="2.16.840.1.113883.4.349"/>
      </asOtherIDs>
    </relationshipHolder1>
  </personalRelationship>
  <patientPerson>
    <subjectOf1>
      <queryMatchObservation classCode="COND" moodCode="EVN">
        <code code="IHE_PDQ"/>
        <value nullFlavor="NA" xsi:type="INT"/>
      </queryMatchObservation>
    </subjectOf1>
    <subjectOf2 typeCode="SBJ">
      <administrativeObservation classCode="VERIF">
        <code codeSystem="2.16.840.1.113883.4.349" code="IAMS" displayName="Identity has delegations"/>
        <value xsi:type="CD" code="true" displayName="Identity has delegations"/>
      </administrativeObservation>
    </subjectOf2>
    <subjectOf2 typeCode="SBJ">
      <administrativeObservation classCode="VERIF">
        <code codeSystem="2.16.840.1.113883.4.349" code="IDAL" displayName="Identity Level Of Assurance"/>
        <value xsi:type="CD" code="2" displayName="Received an identity to add or update that is supported by I9 identity documentation."/>
      </administrativeObservation>
    </subjectOf2>
  </patientPerson>

```



```

    </patient>
  </subject1>
  <custodian typeCode="CST">
    <assignedEntity classCode="ASSIGNED">
      <id root="2.16.840.1.113883.4.349"/>
    </assignedEntity>
  </custodian>
</registrationEvent>
</subject>
<queryAck>
  <queryId extension="18204ZZZ" root="2.16.840.1.113883.3.933"/>
  <queryResponseCode code="OK"/>
  <resultCurrentQuantity value="1"/>
</queryAck>
<queryByParameter>
  <queryId extension="18204ZZZ" root="2.16.840.1.113883.3.933"/>
  <statusCode code="new"/>
  <modifyCode code="MVI.COMP1.AMS"/>
  <responseElementGroupId extension="COR" root="2.16.840.1.113883.4.349"/>
  <initialQuantity value="1"/>
  <parameterList>
    <id extension="1008693040V239296^NI^200M^USVHA" root="2.16.840.1.113883.4.349"/>
  </parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201306UV02>

```

### 8.4.17 Sample 1305 Retrieve Relationships with IEN Identifier Request

```
<PRPA_IN201305UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
<id root="1.2.840.114350.1.13.0.1.7.1.1" extension="MCID-12345"/>
<creationTime value="20070428150301" />
<versionCode code="4.0"/>
<interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201305UV02" />
<processingCode code="T" />
<processingModeCode code="T" />
<acceptAckCode code="AL" />
<receiver typeCode="RCV">
<device classCode="DEV" determinerCode="INSTANCE">
<id root="1.2.840.114350.1.13.999.234" />
<telecom value="http://servicelocation/PDQuery" />
</device>
</receiver>
<sender typeCode="SND">
<device classCode="DEV" determinerCode="INSTANCE">
<id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="1.2.840.114350.1.13.999.567" />
</device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
<code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6" />
<dataEnterer contextControlCode="AP" typeCode="ENT">
<assignedPerson classCode="ASSIGNED">
<id extension="CLERK_ID" root="2.16.840.1.113883.4.349"/>
<assignedPerson determinerCode="INSTANCE" classCode="PSN">
<name>
<given>CLERK_FIRST</given>
<family>CLERK_FIRST</family>
</name>
</assignedPerson>
</assignedPerson>
</dataEnterer>
<queryByParameter>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<statusCode code="T"/>
<modifyCode code="MVI.COMP1.RMS"/>
<initialQuantity value="1"/>
<parameterList>
<id extension="1008640114V554504^NI" root="2.16.840.1.113883.4.349"/>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>
```

### 8.4.18 Sample 1305 Retrieve Relationships with IEN Identifier Request (BOB CAREGIVER)

Assume **BOB CAREGIVER** provides care to two separate Veterans. **JANE VETERAN** and **JOHN VETERAN**.

The following example demonstrates a Retrieve for **BOB CAREGIVER**'s information.

```
<PRPA_IN201305UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
<id root="1.2.840.114350.1.13.0.1.7.1.1" extension="MCID-12345"/>
<creationTime value="20070428150301" />
<versionCode code="4.0"/>
<interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201305UV02" />
<processingCode code="T" />
<processingModeCode code="T" />
<acceptAckCode code="AL" />
<receiver typeCode="RCV">
<device classCode="DEV" determinerCode="INSTANCE">
<id root="1.2.840.114350.1.13.999.234" />
<telecom value="http://servicelocation/PDQuery" />
</device>
</receiver>
<sender typeCode="SND">
<device classCode="DEV" determinerCode="INSTANCE">
<id extension="SITEKEY_OBTAINED_FROM_MVI" root="1.2.840.114350.1.13.999.567" />
</device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
<code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6" />
<dataEnterer contextControlCode="AP" typeCode="ENT">
<assignedPerson classCode="ASSIGNED">
<id extension="CLERK_ID" root="2.16.840.1.113883.4.349"/>
<assignedPerson determinerCode="INSTANCE" classCode="PSN">
<name>
<given>CLERK_FIRST</given>
<family>CLERK_FIRST</family>
</name>
</assignedPerson>
</assignedPerson>
</dataEnterer>
<queryByParameter>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<statusCode code="T"/>
<modifyCode code="MVI.COMP1.RMS"/>
<initialQuantity value="1"/>
<parameterList>
```

```

<id extension="1008640114V554504^NI" root="2.16.840.1.113883.4.349"/>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>

```

#### 8.4.19 Sample 1306 Retrieve Relationships with IEN Identifier Response (BOB CAREGIVER).

```

<PRPA_IN201306UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:hl7-org:v3" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd"
ITSVersion="XML_1.0">
<id extension="WSDOC2002191255530432028405831" root="2.16.840.1.113883.4.349"/>
<creationTime value="20200219125553"/>
<versionCode code="4.0"/>
<interactionId extension="PRPA_IN201306UV02" root="2.16.840.1.113883.1.6"/>
<processingCode code="T"/>
<processingModeCode code="T"/>
<acceptAckCode code="NE"/>
<receiver typeCode="RCV">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension=" SITEKEY_OBTAINED_FROM_MVI " root="1.2.840.114350.1.13.999.567"/>
</device>
</receiver>
<sender typeCode="SND">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension="200M" root="2.16.840.1.113883.4.349"/>
</device>
</sender>
<acknowledgement>
<typeCode code="AA"/>
<targetMessage>
<id extension="MCID-12345" root="1.2.840.114350.1.13.0.1.7.1.1"/>
</targetMessage>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
<code codeSystem="2.16.840.1.113883.1.6" code="PRPA_TE201306UV02"/>
<subject typeCode="SUBJ">
<registrationEvent classCode="REG" moodCode="EVN">
<id nullFlavor="NA"/>
<statusCode code="active"/>

```

```

<subject1 typeCode="SBJ">
  <patient classCode="PAT">
    <id extension="1008640114V554504^NI^200M^USVHA^P" root="2.16.840.1.113883.4.349"/>
    <id extension="1000000098^NI^200DOD^USDOD^A"
    root="2.16.840.1.113883.3.42.10001.100001.12"/>
    <id extension="0001740282^PN^200PROV^USDVA^A" root="2.16.840.1.113883.4.349"/>
    <statusCode code="active"/>
    <patientPerson>
      <name use="L">
        <given>BOB</given>
        <family>CAREGIVER</family>
      </name>
      <administrativeGenderCode code="M"/>
      <birthTime value="19900129"/>
      <addr use="PHYS">
        <streetAddressLine>40 Temp St</streetAddressLine>
        <city>Vaderville</city>
        <state>SD</state>
        <postalCode>92121-2373</postalCode>
        <country>USA</country>
      </addr>
      <asOtherIDs classCode="SSN">
        <id extension="810907040" root="2.16.840.1.113883.4.1"/>
        <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
          <id root="1.2.840.114350.1.13.99997.2.3412"/>
        </scopingOrganization>
      </asOtherIDs>

    <personalRelationship>
      <code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="CGG"
      displayName="Care Giver General">
        <translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="PRs"/>
      </code>
      <statusCode code="ACTIVE"/>
      <effectiveTime value="20201005"/>
      <relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">
        <id extension="1021920886V836237^NI^200M^USVHA^" root="2.16.840.1.113883.4.349"/>
        <name use="ASGN">
          <family>VETERAN, JOHN</family>
        </name>
      </relationshipHolder1>
    </personalRelationship>

    <personalRelationship>
      <code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111"
      code="CGP" displayName="Care Giver Primary">
        <translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="PRs"/>
      </code>
      <statusCode code="ACTIVE"/>
      <effectiveTime value="20190504"/>
      <relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">

```

```

<id extension="1021920738V072297^NI^200M^USVHA^^" root="2.16.840.1.113883.4.349"/>
<name use="ASGN">
<family>VETERAN, JANE</family>
</name>
</relationshipHolder1>
</personalRelationship>

</patientPerson>
<subjectOf1>
<queryMatchObservation classCode="COND" moodCode="EVN">
<code code="IHE_PDQ"/>
<value nullFlavor="NA" xsi:type="INT"/>
</queryMatchObservation>
</subjectOf1>
</patient>
</subject1>
<custodian typeCode="CST">
<assignedEntity classCode="ASSIGNED">
<id root="2.16.840.1.113883.4.349"/>
</assignedEntity>
</custodian>
</registrationEvent>
</subject>
<queryAck>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<queryResponseCode code="OK"/>
<resultCurrentQuantity value="1"/>
</queryAck>
<queryByParameter>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<statusCode code="T"/>
<modifyCode code="MVI.COMP1.RMS"/>
<initialQuantity value="1"/>
<parameterList>
<id extension="1008640114V554504^NI" root="2.16.840.1.113883.4.349"/>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201306UV02>

```

#### 8.4.20 Sample 1305 Retrieve Relationships with IEN Identifier Request (JANE VETERAN)

JANE VETERAN has a single relationship to BOB CAREGIVER.

JANE VETERAN receives care from BOB CAREGIVER.

The following example demonstrates a retrieve for JANE VETERAN's information.

```
<PRPA_IN201305UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
<id root="1.2.840.114350.1.13.0.1.7.1.1" extension="MCID-12345"/>
<creationTime value="20070428150301" />
<versionCode code="4.0"/>
<interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201305UV02" />
<processingCode code="T" />
<processingModeCode code="T" />
<acceptAckCode code="AL" />
<receiver typeCode="RCV">
<device classCode="DEV" determinerCode="INSTANCE">
<id root="1.2.840.114350.1.13.999.234" />
<telecom value="http://servicelocation/PDQuery" />
</device>
</receiver>
<sender typeCode="SND">
<device classCode="DEV" determinerCode="INSTANCE">
<id extension=" SITEKEY_OBTAINED_FROM_MVI" root="1.2.840.114350.1.13.999.567" />
</device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
<code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6" />
<dataEnterer contextControlCode="AP" typeCode="ENT">
<assignedPerson classCode="ASSIGNED">
<id extension="CLERK_ID" root="2.16.840.1.113883.4.349"/>
<assignedPerson determinerCode="INSTANCE" classCode="PSN">
<name>
<given>CLERK_FIRST</given>
<family>CLERK_FIRST</family>
</name>
</assignedPerson>
</assignedPerson>
</dataEnterer>
<queryByParameter>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<statusCode code="T"/>
<modifyCode code="MVI.COMP1.RMS"/>
<initialQuantity value="1"/>
<parameterList>
<id extension="1021920738V072297^NI" root="2.16.840.1.113883.4.349"/>
</parameterList>
</queryByParameter>
</controlActProcess>
```

</PRPA\_IN201305UV02>

#### 8.4.21 Sample 1306 Retrieve Relationships with IEN Identifier Response(JANE VETERAN)

```
<PRPA_IN201306UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:hl7-org:v3" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201306UV02.xsd"
ITSVersion="XML_1.0">
<id extension="WSDOC2002191255530432028405831" root="2.16.840.1.113883.4.349"/>
<creationTime value="20200219125553"/>
<versionCode code="4.0"/>
<interactionId extension="PRPA_IN201306UV02" root="2.16.840.1.113883.1.6"/>
<processingCode code="T"/>
<processingModeCode code="T"/>
<acceptAckCode code="NE"/>
<receiver typeCode="RCV">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension=" SITEKEY_OBTAINED_FROM_MVI " root="1.2.840.114350.1.13.999.567"/>
</device>
</receiver>
<sender typeCode="SND">
<device determinerCode="INSTANCE" classCode="DEV">
<id extension="200M" root="2.16.840.1.113883.4.349"/>
</device>
</sender>
<acknowledgement>
<typeCode code="AA"/>
<targetMessage>
<id extension="MCID-12345" root="1.2.840.114350.1.13.0.1.7.1.1"/>
</targetMessage>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
<code codeSystem="2.16.840.1.113883.1.6" code="PRPA_TE201306UV02"/>
<subject typeCode="SUBJ">
<registrationEvent classCode="REG" moodCode="EVN">
<id nullFlavor="NA"/>
<statusCode code="active"/>
```



```

<subject1 typeCode="SBJ">
  <patient classCode="PAT">
    <id extension="1021920738V072297^NI^200M^USVHA^P" root="2.16.840.1.113883.4.349"/>
    <id extension="30000000000^NI^200DOD^USDOD^A"
    root="2.16.840.1.113883.3.42.10001.100001.12"/>
    <id extension="0001740282^PN^200PROV^USDVA^A" root="2.16.840.1.113883.4.349"/>
    <statusCode code="active"/>
    <patientPerson>
      <name use="L">
        <given>JANE</given>
        <family>VETERAN</family>
      </name>
      <administrativeGenderCode code="M"/>
      <birthTime value="20010212"/>
      <addr use="PHYS">
        <streetAddressLine>300 Elm St</streetAddressLine>
        <city>Vaderville</city>
        <state>SD</state>
        <postalCode>92122-2373</postalCode>
        <country>USA</country>
      </addr>
      <asOtherIDs classCode="SSN">
        <id extension="427806131" root="2.16.840.1.113883.4.1"/>
        <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
          <id root="1.2.840.114350.1.13.99997.2.3412"/>
        </scopingOrganization>
      </asOtherIDs>

      <personalRelationship>
        <code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111"
        code="CGP" displayName="Care Giver Primary">
          <translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111"
          code="QUAL"/>
        </code>
        <statusCode code="ACTIVE"/>
        <effectiveTime value="20190504"/>
        <relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">
          <id extension="1008640114V554504^NI^200M^USVHA^^" root="2.16.840.1.113883.4.349"/>
          <name use="ASGN">
            <family>CAREGIVER, BOB </family>
          </name>
        </relationshipHolder1>
      </personalRelationship>

    </patientPerson>
    <subjectOf1>
      <queryMatchObservation classCode="COND" moodCode="EVN">
        <code code="IHE_PDQ"/>
        <value nullFlavor="NA" xsi:type="INT"/>
      </queryMatchObservation>
    </subjectOf1>
  </patient>

```

```

</queryMatchObservation>
</subjectOf1>
</patient>
</subject1>
<custodian typeCode="CST">
<assignedEntity classCode="ASSIGNED">
<id root="2.16.840.1.113883.4.349"/>
</assignedEntity>
</custodian>
</registrationEvent>
</subject>
<queryAck>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<queryResponseCode code="OK"/>
<resultCurrentQuantity value="1"/>
</queryAck>
<queryByParameter>
<queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
<statusCode code="T"/>
<modifyCode code="MVI.COMP1.RMS"/>
<initialQuantity value="1"/>
<parameterList>
<id extension="1008640114V554504^NI" root="2.16.840.1.113883.4.349"/>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201306UV02>

```

## 8.5 Update Profile (Patient Registry Record Revised 1302/ACK)

**Update Profile** is an operation of the VA MPI Service, used to revise an existing profile known to the service. The transaction grouping for this interaction is a 1302 Request and Generic Ack Response. The 1302 Request operation is also used to unlink a correlation from and to an ICN.

The Update Profile request will contain identifiers to locate the record within the VA MPI service to update according to changes in trait information. (Identifiers used may vary as a result of the integration pattern used). The service will validate these identifiers and proceed to revise the profile within the system with the supplied trait information.

### 8.5.1 HL7v3 1302 Details

The recommended data traits are primary view values (Name, DOB, SSN, Gender, Multi Birth Indicator, Mother's Maiden Name, POB City, POB State).

**NOTE:** Each implementation will be different based on business needs and data availability. Detail will be documented in the integration SDD.

Relative Path	Service	Card.	Data Type	Size	Format/Values / Ranges	Description
//controlActProcess/classCode	Update Person				CACT	An act representing a system action such as the change of state of another act or the initiation of a query. All control acts represent trigger events in the HL7 context. ControlActs may occur in different moods. Default = CACT
//controlActProcess/moodCode	Update Person				EVN	A service that actually happens, may be an ongoing service or a documentation of a past service. Default = EVN
//controlActProcess/dataEnterer	Update Person	0..*			Attributes: @nullFlavor (optional) + @typeCode (required) + @ContextControlCode (optional)  Elements: @noteText (optional) + @time (optional) + @assignedPerson (required)	Default typeCode = "ENT" Default contextControlCode = "AP"  Data Entry person: A person entering the data into the originating system. The data entry person is collected optionally for internal quality control purposes.  An observation event has a patient participation marked "additive, propagating" (AP) and has component observation events linked through act relationships that are marked propagating. This means that the patient participation behaves as a patient participation of those component observation events in addition to the parent observation event
//controlActProcess/dataEnterer/assignedPerson/classCode	Update Person	1..1			ASSIGNED	Default = "ASSIGNED"
//controlActProcess/dataEnterer/assignedPerson/id	Update Person	0..*	II		Root (required) + extension (required)	Person that entered the requested event. Example: Root = DoD OID extension = DoD EDIPI Root = VA OID extension = VA

						SecID (future VA implementation)  VA does not support this value but I assume it will be needed moving forward.
//controlActProcess/dataEnterer/assignedPerson/assignedPerson/name	Update Person	1..*	EN		Free text	Free Text for the User Performing the action Example: <name>John Smith</name>
//controlActProcess/subject/TypeCode	Update Person	1..1			<b>Attribute:</b> @typeCode	Default attribute = "SUBJ"
//controlActProcess/subject/registrationEvent	Update Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed) + @moodCode (required Fixed)	classCode = "REG" moodCode = "EVN"
//controlActProcess/subject/registrationEvent/id	Update Person	0..*	II			VA documented default value of nullFlavor = NA
//controlActProcess/subject/registrationEvent/statusCode	Update Person	1..1	CS		<b>Element:</b> Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1	Update Person	1..1			<b>Attributes:</b> @nullFlavor (optional) + @typeCode (required Fixed)	Default = "SBJ"
//controlActProcess/subject/registrationEvent/subject1/patient	Update Person				<b>Attributes:</b> @nullFlavor (optional) + @classCode (required Fixed)	classCode = "PAT"
//controlActProcess/subject/registrationEvent/subject1/patient/id	Update Person	0..*	II		nullFlavor or Root (optional) + extension (optional)	nullFlavor – used when the consumer only knows their identifier  If sending to DoD IdMS the root should contain the DoD root OID and extension should include EDIPI.

						<p>If sending to VA IdMS the root should contain the VA root OID and extension should include ICN.</p> <p>Only one exception and that is when the two IdMs are sending to each other the sender IdMs will place its enterprise ID in this element and the other IdMs ID in the asOtherIDs just as it would for any other consumer of an Update Notification.</p> <p>For Cerner VHIC and all of our CorrelatedIDs will be passed in this stanza: Cerner will take this list and pull out VHIC CardID</p> <p><b>VHIC Card Id</b></p> <pre>&lt;id root="2.16.840.1.113883.4.349" extension="123456^PI^742V1^USV HA^A"/&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient/statusCode	Update Person	1..1	CS		Default = "active"	Default = "active"
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf	Update Person	0...*				
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation	Update Person	1...1				
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/id	Update Person	0...*	II			NOTE: Included for possible future impelmentaiton, but not required at this time.
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/code	Update Person	1...1	CD			<ul style="list-style-type: none"> <li>SSA_SSN_STATUS</li> <li>DOD_SOURCE <ul style="list-style-type: none"> <li>1</li> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>6</li> <li>7</li> </ul> </li> </ul>

						<ul style="list-style-type: none"> <li>○ 8</li> <li>○ 9</li> <li>○ 10</li> <li>○ 11</li> <li>○ 12</li> <li>○ 13</li> <li>• DOD_Entered_DT</li> <li>• DOD_Updated_By</li> <li>• DOD_DT_Updated</li> <li>• DOD_Supporting_Document <ul style="list-style-type: none"> <li>• DC</li> <li>• SPROD</li> <li>• CR</li> <li>• DCUSG</li> <li>• CSUSG</li> <li>• ORUS</li> <li>• NDUCROD</li> <li>• NDPRA</li> <li>• NDCEOR</li> <li>• NODAP</li> <li>• NODOF</li> <li>• NO DOFAF</li> <li>• UACCM</li> <li>• NCAEF</li> <li>• SDMF</li> <li>• MPS</li> <li>• BST</li> <li>• EC</li> <li>• INPTD</li> </ul> </li> <li>• DOD_Opton_Used</li> <li>• <b>PERSON_TYPE</b> <ul style="list-style-type: none"> <li>VET = Veteran</li> <li>ACR = ACCREDITED REPRESENTATIVE</li> <li>AFF = AFFILIATE</li> <li>ASI = ASSOCIATED INDIVIDUAL</li> <li>CON = CONTRACTOR</li> <li>DEP = DEPENDENT</li> <li>EMP = EMPLOYEE</li> <li>GUA = GUARDIAN</li> <li>HPT = HEALTH PROFESSIONAL TRAINEE</li> <li>PAT = PATIENT</li> </ul> </li> </ul>
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/statusCode	Update Person	1...1	CS			NOTE: Included for possible future impelmentaiton, but not required at this time.

//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/effectiveTime	Update Person	1...1	SXCM_TS			NOTE: Included for possible future impelmentaiton, but not required at this time.
//controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/value	Update Person	1...1	ANY			<p>SSA Verification Status</p> <p>1 - SSN not in SSA file (impossible SSN/never issued to anyone; OR NO SSN found if all 000's submitted).</p> <p>2 - Name and DOB match, sex code does not.</p> <p>3 - Name and sex code match, DOB does not</p> <p>4 - Name matches, sex code and DOB do not.</p> <p>5 - Name does not match, DOB and sex code not checked.</p> <p>V - SSN is verified on name, DOB, and sex code.</p> <p><b>DOD_SOURCE</b></p> <ul style="list-style-type: none"> <li>• '1' FOR VAMC Inpatient Death</li> <li>• '2' FOR NON-VA MEDICAL FACILITY;</li> <li>• '3' FOR DEATH CERTIFICATE ON FILE;</li> <li>• '4' FOR CORP</li> <li>• '5' FOR VA INSURANCE;</li> <li>• '6' FOR SSA;</li> <li>• '7' FOR NCA;</li> <li>• '8' FOR Spouse/NOK/Other Person;</li> <li>• '9' FOR OTHER;</li> <li>• '10' FOR EVVE Query</li> <li>• '11' FOR SSA DMF</li> <li>• '12' FOR Military Personnel Sources</li> <li>• '13' FOR Beneficiary Support Tool</li> </ul> <p><b>DOD_Entered_DT</b></p> <p><b>DOD_DT_Updated</b></p> <p><b>DOD_Supporting_Document</b></p> <ul style="list-style-type: none"> <li>• DC - DEATH CERTIFICATE</li> <li>• SPROD - STATE PUBLIC RECORD OF DEATH</li> <li>• CR - CORONER'S REPORT</li> <li>• DCUSG - DEATH CERTIFICATE US GOVT</li> </ul>

						<ul style="list-style-type: none"> <li>• CSUSG - CLINICAL SUMMARY US GOVT</li> <li>• ORUS - OFFICIAL REPORT UNIFORMED SERVICE</li> <li>• NDUCROD - NON US DEATH US CONSULAR REPORT OF DEATH</li> <li>• NDPRA - NONUS DEATH PUBLIC RECORD AUTHENTICATED</li> <li>• NDCEOR - NONUS DEATH CIVILIAN EMPLOYEE OFFICIAL REPORT</li> <li>• NODAP - NO OTHER 38 CFR DOCUMENTATION AFFIDAVIT PROVIDED</li> <li>• NODOF - NO OTHER 38 CFR DOCUMENTATION OFFICIAL FINDING</li> <li>• NO DOFAF - NO OTHER 38 CFR DOCUMENTATION OTHER FEDERAL AGENCY FINDING</li> <li>• UACCM - UNEXPLAINED ABSENCE 38 CFR 3.212 CRITERIA MET</li> <li>• NCAEF - NCA ELECTRONIC FILE</li> <li>• SDMF - SSA DMF</li> <li>• MPS - MILITARY PERSONNEL SOURCES</li> <li>• BST - BENEFICIARY SUPPORT TOOL</li> <li>• EC - EVVE CERTIFICATION</li> <li>• INPTD - VAMC EHR INPATIENT DEATH</li> </ul> <p><b>DOD_Option_Used</b> – Free Text 1 - 30</p> <p><b>PERSON_TYPE</b> – multi-valued delimited by “~” character PAT~VET~CON</p> <p>NOTES: <sup>1</sup> Implement in March 2015</p>
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//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/name	Update Person	1..*	PN	<p>Use (required attribute) + delimiter (optional) + given (optional and repeatable element) + family (required element) + prefix (optional element) + suffix (optional element)</p> <p><b>L – Legal</b> Legal Name <b>P–Alias</b> Alias Name <b>C –Maiden Name</b> Mothers maiden name <b>ASGN –Preferred Name</b> Preferred name</p> <p>First instance of this element is Firstname.</p> <p>Second instance of this element is MiddelName.</p>	<p>A set of codes advising a system or user which name in a set of like names to select for a given purpose. A name without specific use code might be a default name useful for any purpose, but a name with a specific use code would be preferred for that respective purpose. This should contain the legal name of the patient.</p> <p>Example: <b>Legal Name</b> &lt;name use="L"&gt;     &lt;given&gt;FIRST&lt;/given&gt;     &lt;given&gt;MIDDLE&lt;/given&gt;     &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</p> <p>*** Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor &lt;given nullFlavor="NA"/&gt;</p> <p><b>Maiden Name (Family Name is only used in most cases)</b> &lt;name use="C"&gt;     &lt;given&gt;FIRST&lt;/given&gt;     &lt;given&gt;MIDDLE&lt;/given&gt;     &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</p> <p><b>Pseudo/Alias Name (delimiter element is used to support a pairwise mapping from Alias Name to Alias SSN)</b> &lt;name use="P"&gt;     &lt;delimiter&gt;100&lt;/delimiter&gt;     &lt;given&gt;FIRST&lt;/given&gt;     &lt;given&gt;MIDDLE&lt;/given&gt;     &lt;family&gt;LAST&lt;/family&gt; &lt;/name&gt;</p> <p><b>Preferred Name</b> If a Consumer sends ALL pieces... we use ALL PIECES into a COMBINED field, i.e. Super Cool Dad              &lt;name use="ASGN"&gt;             &lt;given&gt;Super&lt;/given&gt; ← first             &lt;given&gt;Cool&lt;/given&gt; ← middle             &lt;family&gt;Dad&lt;/family&gt; ← last             &lt;/name&gt; If a Consumer sends ONLY the FIRST GIVEN it still works the same... i.e. the COMBINED field will just be "Super"              &lt;name use="ASGN"&gt;             &lt;given&gt;Super&lt;/given&gt; ← first             &lt;/name&gt; If a Consumer sends ONLY the FIRST GIVEN and LAST it still works the same... i.e. the COMBINED field will just be "Super Dad"              &lt;name use="ASGN"&gt;</p>
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						<given>Super</given> ← first <family>Dad</family> ← last </name>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/telecom	Update Person	0..*	TEL		<b>Use = "HP" = Home Phone</b> <b>Use = "WP" Work Phone</b> <b>Use = "PUB" Fax number</b> <b>Use = "CP" Cell Phone</b>	This should contain the home phone of the patient. <telecom use="HP" value="5555550987"/>  <telecom use = "WP" value=5555550986"/>  <telecom use = "PUB" value=5555550986"/>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/administrativeGender	Update Person	0..1	CE		<b>M = Male</b> <b>F = Female</b> <b>null</b>	This should contain the patient's/person's gender. Example: <administrativeGenderCode code="M" />
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthTime	Update Person	0..1	TS		Digits: 0 - 9 YYYYMMDD	This should contain the patient's/person's date of birth. Example: <birthTime value="19500101" />
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/deceasedtime	Update Person	0..1	TS		YYYY-MM-DDThh:mm:ss	This should contain the patient's/person's date of death Example: <deceasedTime value="20110618" />
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/multiBirthInd	Update Person	0..1	BL		'true' = Multiple Birth 'false' = Single Birth The value is also nullable.	Describes if person is a twin, triplet, etc.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthPlace	Update Person	0..1			<b>Attributes:</b> @NullFlavor (optional) + @classCode (optional) (fixed = "BIRTHPL")	Describes persons birth place
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/birthplace/addr	Update Person	0..1	AD		streetAddressLine (free text) city (free text) state (FIPS) <b>Province if the Country is not USA</b> country (ISO 3166-3).	city (free text) state (FIPS) <b>Province if the Country is not USA</b> country (ISO 3166-3).

//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/multipleBirthOrderNumber	Update Person	0..1	INT			Describes the order in which a person is born, if part of a multiple birth
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/addr	Update Person	0..*	AD		<p>Use (optional) + streetAddressLine (repeat 3 times) + city + state + postalCode + country</p> <p>Default use = "HP" Home Address Default use = "WP" Work Address</p> <p>streetAddressLine (free text) city (free text) state (FIPS) <b>Province if the Country is not USA</b> country (ISO 3166-3).</p> <p>If multiple addresses (HP or WP) VA MPI will only utilize the first one in the list!</p>	<p>Describes all of a patient/person's associated addresses.</p> <p>Example: &lt;addr use="HP"&gt;   &lt;streetAddressLine&gt;23456 34562 Street&lt;/streetAddressLine&gt;   &lt;city&gt;Chicago&lt;/city&gt;   &lt;state&gt;IL&lt;/state&gt;   &lt;country&gt;USA&lt;/country&gt;   &lt;postalCode&gt;33333&lt;/postalCode&gt; &lt;/addr&gt;</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/raceCode	Update Person	0..*	CE			<p>Describes the race to which this patient/person belongs. See section 5.4 for valid values and descriptions.</p> <p>Example: &lt;raceCode code="2076-8"/&gt;</p> <p>Possible values are listed below and also including their meaning as well 1002-5 = American Indian or Alaska Native 2054-5= Black, or African American 2028-9= Asian 2076-8= Native Hawaiian or Other Pacific Islander 2106-3 =White 2131-1 =Other Race</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/ethnicGroupCode	Update Person	0..*	CE			<p>Describes the ethnicity to which this patient/person belongs. See section 5.4 for valid values and descriptions.</p> <p>Example: &lt;ethnicGroupCode code="9999-4"/&gt;</p> <p>Possible codes and the meaning as well: 0000-0 = Declined to Answer 2135-2 = Hispanic or Latino 2186-5 = Not Hispanic or Latino 9999-4 = Unknown by Patient</p>

//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs	Update Person				nullFlavor (optional) + classCode (required)	<div> classCode </div> <div> <b>PAT</b>  Patient identifier </div> <div> <b>SSN or CIT</b>  Social Security Number </div> <div> <b>ALIAS_SSN_nnn</b> (pair-wise with Alias Name where nnn will map to the delimiter value of the Alias Name) </div> <div> The following classCodes below are only used by VA MPI to support a Proxy Add to Vista: </div> <div> <div> preferredFacilityNumber </div> <div> patientServiceConnected </div> <div> patientType </div> </div> <div> <b>AFFL</b> – Affiliated Person (for DoD TIN and FIN)  <b>MIL</b> for Military Person (for DoD PIN) </div> <div> <b>Specific values to support Provider Proxy Adds:</b>  <b>DEGREE</b> – Provider’s degree (see sectin 8.2.5.2 for values)  <b>AuthWriteMedOrders</b> – default value if DEA# is provided is “yes”  <b>ProviderClass</b> – Provider class (see sectin 8.2.5.2 for values)  <b>ProviderType</b> – Provider type see sectin 8.2.5.2 for values)  <b>PersonClass</b> – Person Class see sectin 8.2.5.2 for values)  <b>DetoxMaintNumber</b> – Detox/Maintenance Number  <b>Remarks</b> – Provider related remarks  <b>NonVAPrescriber</b> – Yes/No value  <b>ITIN</b> – SSA Individual Tax identification Number  <b>Sched_Narcotic</b> – Scheduled Narcotic values (DEA_ “^” _Schedule  II_ “^” _III_ “^” _IV_ “^” _V_ “^” _II non Narcotic_ “^” _III non Narcotic) )  <b>NPI</b> – National Provide Index  <b>DEA_NUMBER</b> – Drug Enforcement Agency Number </div> <div> <b>classCode values by versionCode:</b>  <b>PAT</b> - all versions..  <b>CIT</b> - to DOD v2.0 and above  - to replace SSN for all consumers 4.0 or higher  <b>SSN</b> - versioncode under 4.0  <b>AFFL</b> – to DOD v2.0 and above  <b>MIL</b> - future version not yet defined  <b>ALIAS_SSN_nnn</b> - all versions...  <b>preferredFacilityNumber</b> – all versions </div>
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						<p><b>patientServiceConnected</b> - all versions</p> <p><b>patientType</b> - all versions</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/id	Update Person	1..*	II		<p>Root (required) + extension (required)</p>	<p>Patient identifier adheres to the following id format.</p> <p><b>ID (required)^TYPE^SOURCE^ISSUER</b></p> <p><b>For Enterprise IDs like ICN and EDIPI the root + ID is all that is required. However, for those systems requiring to interact between a HL7v2.4 and HL7v3 implementation the other elements are useful and needed.</b></p> <p><b>DEA</b></p> <p>&lt;id extension="F91234567"</p> <p>root="2.16.840.1.113883.4.814" /&gt;</p> <p><b>NPI</b></p> <p>&lt;id</p> <p>extension="1234567890^NI^200ENPI^USDVA"</p> <p>root="2.16.840.1.113883.4.6" /&gt;</p> <p><b>SSA</b></p> <p>&lt;id extension="9123456789"</p> <p>root="2.16.840.1.113883.4.1/&gt;</p> <p><b>ITIN</b></p> <p>&lt;id extension="9123456789"</p> <p>root="2.16.840.1.113883.4.2/&gt;</p>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/statusCode	Update Person	0	CS		<p>Example SSN Verification</p> <p>&lt;&lt;asOtherIDs classCode="SSN"&gt;</p> <p>&lt;statusCode code="2" /&gt;</p> <p>Proofing Level of Assurance =</p> <p>&lt;&lt;asOtherIDs classCode="PAT"&gt;</p> <p>&lt;statusCode code="2" /&gt;</p>	<p>NPI statusCode:</p> <p><b>Active</b></p> <p><b>Inactive</b></p> <p>DEA statusCode:</p> <p><b>Active</b></p> <p><b>Inactive</b></p> <p>For support for passing SSN Verification Status use classCode = "SSN" and statusCode =</p> <p><b>0</b> - New</p> <p><b>1</b> - In Process</p> <p><b>2</b> - Invalid</p> <p><b>3</b> - Resend</p> <p><b>4</b> - Verified</p> <p>VA MPI supports LOA:</p> <p>For support of passing LOA (Identity Proofing Level of Assurance) use classCode = "PAT" and statusCode =</p> <p><b>1</b> - Little or No confidence</p> <p><b>2</b> - Some confidence</p>

						<b>3</b> – High confidence <b>4</b> – very high confidence
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/effectiveTime	Update Person	0..1	IVL_TS		<b>Date/time stamp</b>	This element will be used in conjunction with statusCode, if statusCode is Active then effectiveTime is the date/time of activation. If statusCode is Inactive then the effectiveTime is the date/time of the inactivation.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/scopingOrganization	Update Person	1..1			@nullFlavor (optional) + @classCode (required) + @determinerCode (required fixed)	classCode default = "ORG"  <b>INSTANCE – specific</b> The specific determiner indicates that the given Entity is taken as one specific instance. For example, a human INSTANCE (quantity = 1,) stands for exactly one human being determinerCode X' = "INSTANCE"
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/asOtherIDs/scopingOrganization/id	Update Person	1..*	II		Root (required) + extension (optional)	This value should be the same as the asOtherIDs ID root. Example: <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> <id root="2.16.840.1.113883.4.349" /> </scopingOrganization>
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/personalRelationship/code	Update Person				<b>Attributes:</b> @code (required)	code <b>HCP</b> - Health Care Proxy <b>PR</b> - Personal Representative CGP – Caregiver Primary CGG – Caregiver General CGS – Caregiver Secondary
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/personalRelationship/code/translation	Update Person				<b>Attributes:</b> @code (required)	Code  <b>PRS</b> In Relationship with target.  <b>QUAL</b> Relationship to target.
//controlActProcess/subject/registrationEvent/subject1/patient/patientPerson/statusCode	Update Person				<b>Attributes:</b> @code (required)	Code and Code displayName will be the same as the code unless otherwise document below  <b>Pending</b> Caregiver displayName = <b>In Process</b>  <b>Active</b> Caregiver displayName = <b>Approved</b>  <b>Inactive</b>

						<p>Caregiver displayName = <b>Revoked</b></p> <p><b>Decline</b></p> <p>Caregiver displayName = <b>Denied</b></p> <p><b>Terminated</b></p> <p>Caregiver displayName = <b>Benefit End Date</b></p>
//controlActProcess/subject/registrationEvent/subject1/patient//providerOrganization	Update Person	1..1			<p>@nullFlavor (optional)</p> <p>@classCode (required)</p> <p>@determinerCode (required fixed)</p>	<p>The Patient class is scoped by the provider organization where this person is a patient. The HL7 definition of the CMET requires that the provider organization needs to be identified by an id attribute, and at least one of address, telecommunications address, or contact person to be present. The id attribute SHALL have only a root, expressed as an ISO OID.</p> <p>classCode = "ORG"</p> <p>determinerCode = "INSTANCE"</p> <p>Example:</p> <pre>&lt;providerOrganization classCode="ORG" determinerCode="INSTANCE"&gt;   &lt;id root="2.16.840.1.113883.4.349" &lt;/providerOrganization&gt;</pre>
//controlActProcess/subject/registrationEvent/subject1/patient//providerOrganization/id	Update Person	1..*	II		Root (required) + extension (optional)	This element is where you would provide the physical location of the event. For example, Vista and/or CHCS MTF location.
//controlActProcess/subject/registrationEvent/custodian/typeCode	Update Person	1..1			Default="CST"	Default="CST"
	Update Person					<pre>&lt;custodian typeCode="CST"&gt;   &lt;assignedEntity classCode="ASSIGNED"&gt;     &lt;id root="2.16.840.1.113883.3.933" /&gt;  &lt;assignedOrganization classCode="ORG" determinerCode="INSTANCE"&gt;   &lt;name&gt;Good Health Clinic&lt;/name&gt;  &lt;/assignedOrganization&gt; &lt;/assignedEntity&gt;</pre>

						</custodian>
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## 8.5.2 HL7V3 1302 – Update Request Sample From VA CABS

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<PRPA_IN201302UV02 ITSVersion="XML_1.0" xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd">
  <id extension="MCID-12345" root="2.16.840.1.113883.3.933" />
  <creationTime value="20070806091603" />
  <interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id extension="1119970580V776365^NI" root="2.16.840.1.113883.4.349" />
            <statusCode code="active" />
            <patientPerson>
              <name></name>
              <asOtherIDs classCode="PAT">
                <id extension="12345^PI^987^USVHA" root="2.16.840.1.113883.4.349" />
                <!-- specify "Proofing value" -->
                <statusCode code="2" />
                <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
                  <id root="2.16.840.1.113883.4.349" />
                </scopingOrganization>
              </asOtherIDs>
            </patientPerson>
          </patient>
        </subject1>
      </registrationEvent>
    </subject>
  </controlActProcess>
  <providerOrganization classCode="ORG" determinerCode="INSTANCE">

```



```

        <id root="2.16.840.1.113883.3.933" />
        <name>Good Health Clinic</name>
        <contactParty classCode="CON">
        </contactParty>
    </providerOrganization>
    <subjectOf>
        <administrativeObservation classCode="VERIF">
            <id extension=" OPM_CASE NUMBER" root="2.16.840.1.113883.4.349"/>
            <code code="OPM_CASE" displayName="Investigation Status"
            codeSystem="2.16.840.1.113883.4.349"/>
            <effectiveTime value=" OPM Investigation Status Date"/>
        </administrativeObservation>
    </subjectOf>
    <subjectOf>
        <administrativeObservation classCode="VERIF">
            <id extension=" OPM_CASE NUMBER " root="2.16.840.1.113883.4.349"/>
            <code code="OPM_ADJ" displayName="Favorable"
            codeSystem="2.16.840.1.113883.4.349"/>
            <effectiveTime value="Date of Adjudicative Determination "/>
            <value xsi:type="CD" code="1" displayName="Investigation Case Type "/>
        </administrativeObservation>
    </subjectOf>
    <subjectOf>
        <administrativeObservation classCode="VERIF">
            <id extension="OPM_CASE NUMBER" root="2.16.840.1.113883.4.349"/>
            <code code="OPM_BI" displayName="Investigation Status"
            codeSystem="2.16.840.1.113883.4.349"/>
            <effectiveTime value=" OPM_BI DATE"/>
        </administrativeObservation>
    </subjectOf>
    <subjectOf>
        <administrativeObservation classCode="VERIF">
            <id extension="OPM_CASE NUMBER" root="2.16.840.1.113883.4.349"/>
            <code code="OPM_EQIP" displayName="Status"
            codeSystem="2.16.840.1.113883.4.349"/>
            <effectiveTime value=" OPM_EQIP Status Date"/>
            <value xsi:type="CD" code="e-QIP Request ID" displayName="Initiated"/>
        </administrativeObservation>
    </subjectOf>
    <subjectOf>
        <administrativeObservation classCode="VERIF">
            <id extension=" 05" root="2.16.840.1.113883.4.349"/>
            <code code="0018" displayName="OPM POSITION CODE" codeSystem=" OPM OID " />
            <value xsi:type="CD" code="00" displayName="Assignment Code"/>
        </administrativeObservation>
    </subjectOf>
    <subjectOf>
        <administrativeObservation classCode="VERIF">
            <code codeSystem="2.16.840.1.113883.4.349" code="PERSON_TYPE" displayName="Person
Type">
            </code>
            <value xsi:type="CD" code="VET~PAT" displayName="Veteran, Patient">
            </value>
        </administrativeObservation>
    </subjectOf>

```

```

</subjectOf>
  </patient>
</subject1>
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="2.16.840.1.113883.3.933" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201302UV02>

```

### 8.5.3 HL7v3 1302 Cerner Update

```

<PRPA_IN201302UV02 ITSVersion="XML_1.0" xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd">
  <id extension="MCID-12345" root="2.16.840.1.113883.3.933" />
  <creationTime value="20070806091603" />
  <interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA MPI" root="2.16.840.1.113883.3.933" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id extension="1119970580V776365^NI" root="2.16.840.1.113883.4.349" />
            <id extension="20120202001^PI^553^USVHA^PCE" root="2.16.840.1.113883.4.349" />
            <id extension="20120202002^PI^500^USVHA^A" root="2.16.840.1.113883.4.349" />
            <id extension="20120203003^PI^500^USVHA^A" root="2.16.840.1.113883.4.349" />
            <id extension="20120203004^PI^553^USVHA^H" root="2.16.840.1.113883.4.349" />
            <id extension="20120203005^PI^553^USVHA^L" root="2.16.840.1.113883.4.349" />
            <id extension="1234^PI^742V1^USVHA^A" root="2.16.840.1.113883.4.349" />
            <id extension="1234^PI^742V1^USVHA^H" root="2.16.840.1.113883.4.349" />
            <id extension="20120203005^PI^553^USVHA^L" root="2.16.840.1.113883.4.349" />
          </patient>
        </subject1>
      </registrationEvent>
    </subject>
  </controlActProcess>
</PRPA_IN201302UV02>

```

```

<id extension="1234^NI^200DOD^USDOD^A" root="2.16.840.1.113883.3.364" />
<statusCode code="active" />
<patientPerson>
  <name></name>
  <asOtherIDs classCode="PAT">
    <id extension="12345^PI^987^USVHA" root="2.16.840.1.113883.4.349" />
    <!-- specify "Proofing value" -->
    <statusCode code="2" />
    <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </scopingOrganization>
  </asOtherIDs>
</patientPerson>
<providerOrganization classCode="ORG" determinerCode="INSTANCE">
  <id root="2.16.840.1.113883.3.933" />
  <name>Good Health Clinic</name>
  <contactParty classCode="CON">
    </contactParty>
  </providerOrganization>
</patient>
</subject1>
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="2.16.840.1.113883.3.933" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201302UV02>

```

### 8.5.3.1 HL7v3 1302 Cerner Update with Date of Death

Cerner shall send Date of Death to VA MPI when its:

1. In Patient Date of Death –

The Inpatient Date of Death components are:

- Date of Death
- Entered Date and Time Stamp
- Entered / Updated By
- Hospital where the Date of Death is recorded
- Discharge Date and Time Stamp.

Below is a sample 1302 message with the key attributes highlighted:

- Date of Death
- Entered Date and Time Stamp
- Entered / Updated By
- Hospital where the Date of Death is recorded
- Discharge Date and Time Stamp.

```

<ps:PRPA_IN201302UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vaww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd"
ITSVersion="XML_1.0">
  <id extension="MCID-UPD-COR-20190321001" root="22a0f9e0-4454-11dc-a6be-
3603d6866807"/>
  <creationTime value="20141103130624"/>
  <interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
      <telecom value="https://example.org/PatientFeed"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="500" root="2.16.840.1.113883.4.349"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA"/>
        <statusCode code="active"/>
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id extension="1032119889V190480" root="2.16.840.1.113883.4.349"/>
            <statusCode code="active"/>
            <patientPerson>
              <name use="L">
                <given>START</given>
                <family>START</family>
              </name>
              <administrativeGenderCode code="M"/>
              <birthTime value="19500101"/>
              <deceasedTime value="20141111"/>
              <addr use="HP">
                <streetAddressLine>23456 Main Street</streetAddressLine>
                <city>Chicago</city>
                <state>IL</state>
                <country>USA</country>
                <postalCode>33333</postalCode>
              </addr>
              <asOtherIDs classCode="PAT">
                <id root="2.16.840.1.113883.4.349"
extension="20190321001^PI^523^USVHA"/>

```

```

        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="1.2.840.114350.1.13.99997.2.3412"/>
        </scopingOrganization>
    </asOtherIDs>
    <asOtherIDs classCode="SSN">
        <id extension="111111111" root="2.16.840.1.113883.4.1"/>
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.1"/>
        </scopingOrganization>
    </asOtherIDs>
</patientPerson>
<providerOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="1.2.840.114350.1.13.99998.8734"/>
    <name>Good Health Clinic</name>
    <contactParty classCode="CON">
        <telecom value="tel:+1-342-555-8394"/>
    </contactParty>
</providerOrganization>
<subjectOf>
    <administrativeObservation classCode="VERIF">
        <id extension="DUZ123^PN^553^USVHA" root="2.16.840.1.113883.4.349"/>
        <code codeSystem="2.16.840.1.113883.4.349" code="DOD_SOURCE"
displayName="SOURCE_OF_NOTIFICATION codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value="20150416084326"/>
        <value xmlns:xsi="xsi" xsi:type="CD" code="1" displayName="INPATIENT AT VAMC"/>
    </administrativeObservation>
    </administrativeObservation>
    <administrativeObservation classCode="VERIF">
        <id extension="DUZ456^PN^553^USVHA" root="2.16.840.1.113883.4.349"/>
        <code code="DOD_DISCHARGE_DATE" displayName="DISCHARGE DATE"
codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value="20190321191823"/>
    </administrativeObservation>
</subjectOf>
</patient>
</subject1>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<custodian typeCode="CST">
    <assignedEntity classCode="ASSIGNED">
        <id root="1.2.840.114350.1.13.99998.8734"/>
        <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
            <name>Good Health Clinic</name>
        </assignedOrganization>
    </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</ps:PRPA_IN201302UV02>

```

## 2. Non-Inpatient Date of Death Originating from JEHR

The non-inpatient Date of Death will include the following components.

- Date of Death
- Entered Date and Time Stamp
- Entered / Updated By
- Notification Provider
- Hospital where the Date of Death is recorded
- Source of Notification (SoN)
- Supporting Document Short Name.

Below is a sample message

- Date of Death
- Entered Date and Time Stamp
- Entered / Updated By
- Notification Provider
- Hospital where the Date of Death is recorded
- Source of Notification (SoN)
- Supporting Document Short Name.

```
<ps:PRPA_IN201302UV02 xmlns="urn:hl7-org:v3" xmlns:ps="http://vaww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd"
ITSVersion="XML_1.0">
  <id extension="MCID-UPD-COR-20190321001" root="22a0f9e0-4454-11dc-a6be-
3603d6866807"/>
  <creationTime value="20141103130624"/>
  <interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="AL"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
      <telecom value="https://example.org/PatientFeed"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="500" root="2.16.840.1.113883.4.349"/>
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
```

```

<id nullFlavor="NA"/>
<statusCode code="active"/>
<subject1 typeCode="SBJ">
  <patient classCode="PAT">
    <id extension="1032119889V190480" root="2.16.840.1.113883.4.349"/>
    <statusCode code="active"/>
    <patientPerson>
      <name use="L">
        <given>START</given>
        <family>START</family>
      </name>
      <administrativeGenderCode code="M"/>
      <birthTime value="19500101"/>
      <deceasedTime value="20141111"/>
      <addr use="HP">
        <streetAddressLine>23456 Main Street</streetAddressLine>
        <city>Chicago</city>
        <state>IL</state>
        <country>USA</country>
        <postalCode>33333</postalCode>
      </addr>
      <asOtherIDs classCode="PAT">
        <id root="2.16.840.1.113883.4.349"
extension="20190321001^PI^523^USVHA"/>
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
          <id root="1.2.840.114350.1.13.99997.2.3412"/>
        </scopingOrganization>
      </asOtherIDs>
      <asOtherIDs classCode="SSN">
        <id extension="111111111" root="2.16.840.1.113883.4.1"/>
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
          <id root="2.16.840.1.113883.4.1"/>
        </scopingOrganization>
      </asOtherIDs>
    </patientPerson>
    <providerOrganization classCode="ORG" determinerCode="INSTANCE">
      <id root="1.2.840.114350.1.13.99998.8734"/>
      <name>Good Health Clinic</name>
      <contactParty classCode="CON">
        <telecom value="tel:+1-342-555-8394"/>
      </contactParty>
    </providerOrganization>
    <subjectOf>
      <administrativeObservation classCode="VERIF">
        <id extension="DUZ456^PN^553^USVHA" root="2.16.840.1.113883.4.349"/>
        <code code="DOD_SOURCE" displayName="SOURCE OF NOTIFICATION"
codeSystem="2.16.840.1.113883.4.349"/>
        <effectiveTime value="20141112191823"/>
        <value xsi:type="CD" code="8" displayName="Spouse/Next of Kin/Other
Person"/>
      </administrativeObservation>

```

```

        <administrativeObservation classCode="VERIF">
            <id extension="DUZ456^PN^553^USVHA" root="2.16.840.1.113883.4.349"/>
            <code code="DOD_SHORT_NAME" displayName="DOCUMENT SHORT
NAME" codeSystem="2.16.840.1.113883.4.349"/>
            <effectiveTime value="20190321191823"/>
            <value xsi:type="CD" code="DC" displayName="DEATH CERTIFICATE"/>
            </subjectOf>
        </patient>
    </subject1>
    <!-- Not currently used by IDM. Added to support HL7v3 XSD validation -->
    <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">
            <id root="1.2.840.114350.1.13.99998.8734"/>
            <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
                <name>Good Health Clinic</name>
            </assignedOrganization>
        </assignedEntity>
    </custodian>
</registrationEvent>
</subject>
</controlActProcess>
</ps:PRPA_IN201302UV02>

```

## 8.5.4 HL7V3 1302 – Update Request Sample

```

<PRPA_IN201302UV02 ITSVersion="XML_1.0" xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd">
    <id extension="MCID-12345" root="2.16.840.1.113883.3.933" />
    <creationTime value="20070806091603" />
    <interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6" />
    <processingCode code="T" />
    <processingModeCode code="T" />
    <acceptAckCode code="AL" />
    <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.4.349" />
        </device>
    </receiver>
    <sender typeCode="SND">
        <device classCode="DEV" determinerCode="INSTANCE">
            <id extension="SITEKEY_OBTAINED_FROM_VA MPI" root="2.16.840.1.113883.3.933" />
        </device>
    </sender>
    <controlActProcess classCode="CACT" moodCode="EVN">
        <subject typeCode="SUBJ">
            <registrationEvent classCode="REG" moodCode="EVN">
                <id nullFlavor="NA" />
                <statusCode code="active" />
            </registrationEvent>
        </subject>
    </controlActProcess>
</PRPA_IN201302UV02>

```



```

<subject1 typeCode="SBJ">
  <patient classCode="PAT">
    <id extension="1119970580V776365^NI" root="2.16.840.1.113883.4.349" />
    <statusCode code="active" />
    <patientPerson>
      <name></name>
      <asOtherIDs classCode="PAT">
        <id extension="12345^PI^987^USVHA" root="2.16.840.1.113883.4.349" />
        <!-- specify "Proofing value" -->
        <statusCode code="2" />
        <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
          <id root="2.16.840.1.113883.4.349" />
        </scopingOrganization>
      </asOtherIDs>
    </patientPerson>
    <providerOrganization classCode="ORG" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" />
      <name>Good Health Clinic</name>
      <contactParty classCode="CON">
        </contactParty>
      </providerOrganization>
    </patient>
  </subject1>
  <custodian typeCode="CST">
    <assignedEntity classCode="ASSIGNED">
      <id root="2.16.840.1.113883.3.933" />
      <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
        <name>Good Health Clinic</name>
      </assignedOrganization>
    </assignedEntity>
  </custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201302UV02>

```

### 8.5.1 HL7V3 1302 – Update Person (Update Relationship)

In this scenario the Caregiver ICN is 1120519678V934163 and the Veteran who is receiving the care has the ICN 1021920984V869734

```

<PRPA_IN201302UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd"
  xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0"><id extension="MCID-12345" root="22a0f9e0-
4454-11dc-a6be-3603d6866807"/>
  <creationTime value="20070803130624"/>
  <interactionId extension="PRPA_IN201301UV02" root="2.16.840.1.113883.1.6"/>
  <processingCode code="T"/>

```

```

<processingModeCode code="T"/>
<acceptAckCode code="AL"/>
<receiver typeCode="RCV">
  <device determinerCode="INSTANCE" classCode="DEV">
    <id root="2.16.840.1.113883.4.349"/>
    <telecom value="http://example.org/PatientFeed"/>
  </device>
</receiver>
<sender typeCode="SND">
  <device determinerCode="INSTANCE" classCode="DEV">
    <id extension="200ESR" root="1.2.840.114350.1.13.99997.2.7788"/>
  </device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer contextControlCode="AP" typeCode="ENT">
    <assignedPerson classCode="ASSIGNED">
      <id extension="1000020007^PN^200VCRGR^USDVA" root="2.16.840.1.113883.4.349"/>
      <assignedPerson determinerCode="INSTANCE" classCode="PSN">
        <name>
          <given>CLERK_FIRST</given>
          <family>CLERK_FIRST</family>
        </name>
      </assignedPerson>
    </assignedPerson>
  </dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA"/>
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id extension="1120519678V934163" root="2.16.840.1.113883.4.349"/>
          <statusCode code="active"/>
          <patientPerson>
            <name use="L">
            </name>
            <asOtherIDs classCode="PAT">
              <id nullFlavor="NA"/>
              <scopingOrganization determinerCode="INSTANCE" classCode="ORG">
                <id root="2.16.840.1.113883.4.349"/>
              </scopingOrganization>
            </asOtherIDs>
            <personalRelationship>
              <code codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="CGP"
                displayName="Cargiver Primary">
              </code>
              <translation codeSystemName="RoleCode" codeSystem="2.16.840.1.113883.5.111" code="QUAL">
              </translation>
            </code>
            <statusCode code="ACTIVE"/>
            <effectiveTime value="19190102">

```

```

</effectiveTime>
<relationshipHolder1 determinerCode="INSTANCE" classCode="PSN">
<id extension="1021920984V869734" root="2.16.840.1.113883.4.349"/>
</relationshipHolder1>
</personalRelationship>
</patientPerson>
<providerOrganization determinerCode="INSTANCE" classCode="ORG">
<id root="1.2.840.114350.1.13.99998.8734"/>
<name>Good Health Clinic</name>
<contactParty classCode="CON">
<telecom value="tel:+1-342-555-8394">
</telecom>
</contactParty>
</providerOrganization>
</patient>
</subject1>
<custodian typeCode="CST">
<assignedEntity classCode="ASSIGNED">
<id root="1.2.840.114350.1.13.99998.8734" />
<assignedOrganization classCode="ORG" determinerCode="INSTANCE">
<name>Good Health Clinic</name>
</assignedOrganization>
</assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201302UV02>

```

## 8.5.2 HL7V3 1302 – Update Profile Request Sample – Unlink

The 1302 Request operation is also used to unlink a correlation from and to an ICN. This is specified by providing an appropriate value for the `statusCode code=` attribute in the

```

<patientPerson>
. . .
<asOtherIDs . . . >

```

element, as highlighted below. Value should be UNLINK.

An unlink sets the correlation status of the provided correlation to Unlinked (U), provided it is active at the time of the request. This prevents such a correlation from being returned as an active correlation for PSIM requests.

```

<PRPA_IN201302UV02 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="" xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
<id extension="1302_UNLINK1" root="2.16.840.1.113883.3.933"/>
<creationTime value="20070806091603"/>
<interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201302UV02"/>

```

```

<processingCode code="P"/>
<processingModeCode code="T"/>
<acceptAckCode code="AL"/>
<receiver typeCode="RCV">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </device>
</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933" />
  </device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <dataEnterer typeCode="ENT" contextControlCode="AP">
    <assignedPerson classCode="ASSIGNED">
      <id extension="12345^PN^500^USVHA" root="2.16.840.1.113883.4.349" />
      <assignedPerson classCode="PSN" determinerCode="INSTANCE">
        <name>John Smith</name>
      </assignedPerson>
    </assignedPerson>
  </dataEnterer>
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA"/>
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id root="2.16.840.1.113883.4.349" extension="1051611511V946668^NI"/>
          <statusCode code="active"/>
          <patientPerson>
            <name use="L">
            </name>
            <asOtherIDs classCode="PAT">
              <id root="2.16.840.1.113883.4.349" extension="1014052^PI^557^USVHA"/>
              <!-- specify "UNLINK" -->
            </asOtherIDs>
            <statusCode code="UNLINK" />
            <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="2.16.840.1.113883.4.349"/>
            </scopingOrganization>
          </patientPerson>
          <providerOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="2.16.840.1.113883.3.933"/>
            <name>Good Health Clinic</name>
            <contactParty classCode="CON">
              <telecom value="3425558394"/>
            </contactParty>
          </providerOrganization>
        </patient>
      </subject1>
      <custodian typeCode="CST">
        <assignedEntity classCode="ASSIGNED">

```

```
<id root="2.16.840.1.113883.3.933"/>
  <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
    <name>Good Health Clinic</name>
  </assignedOrganization>
</assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201302UV02>
```

### 8.5.3 HL7V3 1302 – Update Request with ROI/IPP values

```
<PRPA_IN201302UV02 ITSVersion="XML_1.0" xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3
../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd">
  <id extension="MCID-12345" root="2.16.840.1.113883.3.933" />
  <creationTime value="20070806091603" />
  <interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id extension="SITEKEY_OBTAINED_FROM_VA_MPI" root="2.16.840.1.113883.3.933" />
    </device>
  </sender>
  <controlActProcess classCode="CACT" moodCode="EVN">
    <subject typeCode="SUBJ">
      <registrationEvent classCode="REG" moodCode="EVN">
        <id nullFlavor="NA" />
        <statusCode code="active" />
        <subject1 typeCode="SBJ">
          <patient classCode="PAT">
            <id extension="1119970580V776365^NI" root="2.16.840.1.113883.4.349" />
            <statusCode code="active" />
            <!-- specify "Release of Information value" -->
            <confidentialityCode code="ROI^1"/>
            <patientPerson>
              <name></name>
              <asOtherIDs classCode="PAT">
                <id extension="12345^PI^987^USVHA" root="2.16.840.1.113883.4.349" />
                <!-- specify "In Person Proofing value" -->
                <statusCode code="2" />
                <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
                  <id root="2.16.840.1.113883.4.349" />
                </scopingOrganization>
              </asOtherIDs>
            </patientPerson>
            <providerOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="2.16.840.1.113883.3.933" />
              <name>Good Health Clinic</name>
              <contactParty classCode="CON">
                </contactParty>
              </providerOrganization>
            </patient>
          </subject1>
```

```

<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="2.16.840.1.113883.3.933" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201302UV02>

```

## 8.5.4 Update Person (Update Non VA Provider)

The highlighted text below are key stanzas for this Add Person operation. The ICN in the first highlighted stanza would be obtained from an initial VA MPI Search and then used in this Add Person request to add the VA known identity to a specific VistA NEW PERSON file.

There is two groups of Non VA providers that will be initially leveraging this Add Person Proxy Add Provider to VistA capability. The first is non VA non contract Provider which is being added to support VA Pharmacy Prescription Fill/Refill whereby VA Pharmacy fills Rx written by outside VA providers and the Provider information needs to be captured as part of the Rx fill process. The second Provider population is to support Community Care non VA contract Providers which are being added to VistA to support refers to those Community Care Providers.

Field	Required/Optional	Attribute type	Size	Default Value	Notes/format
VistA Station#	Required	String	3 digits	n/a	Unique Station#
Name	Required	String	35 characters	n/a	Full legal Name is required if available. <b>If we get a name longer than 35 truncate it and continue on also make sure is all uppercase letters</b>
NPI	Required	String		n/a	VA MPI will validate NPI using CMS Service
NPI Termination Date	Optional	Date	8	null	YYYYMMDD
Degree	Optional	Set of Codes	100	n/a	VistA (#10.6) VistA (#12.1 p 771.9) Set valid values below and format is degree code delimited by “^” between degree code
Gender	Optional	Set of Codes	M o F	null	<b>if receive something other than M or F just convert to null</b>
Address	Required	street line 1   street line 2   street line 3   city   state   zip	136	n/a	Street 1 3 – 35 Street 2 3 – 30 (optional) Street 3 3 – 30 (optional) City 3 – 28 State 2 From State File ZIP 6-11
Work Phone	Required			n/a	
Fax Number	Optional			n/a	
ITIN/TaxID#	Optional	String	10	null	format 99 - 9999999
DEA#	Required	String	9	n/a	2 letters, 6 numbers, and 1 check digit

DEA# Inactive date	Optional	Date	8	null	YYYYMMDD
Scheduled II Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Scheduled III Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Scheduled IV Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Scheduled V Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Schedule II Non-Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Schedule III Non-Narcotic	Optional	Boolean	1	0	1 - Yes 0 - No
Remarks	Optional	String	1-60	NON-VA PROVIDER	For PIE VA MPI will default the value to NON-VA PROVIDER
Title	Optional	String	3-30	NON-VA PROVIDER	Vista Pointer (#3.1) VA MPI will default the value for PIE to NON-VA PROVIDER
Authorized to Write Med Orders	Optional	Boolean	1	Yes	Vista #53.1 1 - Yes 0 - No Defaulted to 1 by VA MPI if sent by PPMS/PIE and DEA# is passed
Provider Class	Optional	String	2-30	null	Vista #53.5 (p File #7)
NonVAPrescriber	Optional	Boolean	1	Yes	Vista #53.91 1 - Yes 0 - No  Defaulted to 1 by VA MPI if sent by PPMS/PIE
Provider Type	Optional	Set of Codes	1	null	Vista #53.6 Set of Codes 1 = FULL TIME 2 = PART TIME 3 = C & A 4 = FEE BASIS 5 = HOUSE STAFF
Person Class	Optional	String		n/a	Vista (#8932.1 p8932.1) See Person Class table below
Detox Maintenance Number	Optional	String	3-9	null	3-9 characters one X, one alpha, 7 numbers

```
<PRPA_IN201302UV02 xmlns:ps="http://vawww.oed.oit.va.gov"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:hl7-org:v3
../..schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201302UV02.xsd" xmlns="urn:hl7-org:v3"
ITSVersion="XML_1.0">
<id extension="" root="22a0f9e0-4454-11dc-a6be-3603d6866807" />
<creationTime value="20070803130624" />
<interactionId extension="PRPA_IN201302UV02" root="2.16.840.1.113883.1.6" />
  <processingCode code="T"/>
  <processingModeCode code="T" />
  <acceptAckCode code="AL" />
```



```

<receiver typeCode="RCV">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
    <telecom value="https://example.org/PatientFeed" />
  </device>
</receiver>
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="200PIEV" root="2.16.840.1.113883.4.349" />
  </device>
</sender>
<controlActProcess classCode="CACT" moodCode="EVN">
  <subject typeCode="SUBJ">
    <registrationEvent classCode="REG" moodCode="EVN">
      <id nullFlavor="NA" />
      <statusCode code="active" />
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <!--NON VA PROVIDER IDENTITY UPDATE-->
          <id extension="NO_ICN" root="2.16.840.1.113883.4.349" />
          <statusCode code="active" />
          <patientPerson>
            <!--NAME-->
            <name use="L">
              <given>START</given>
              <family>START</family>
            </name>
            <!--WORK PHONE-->
            <telecom value="555-555-0987" use="WP"/>
            <!--FAX NUMBER-->
            <telecom value="555-555-0986" use="PUB"/>
            <!--GENDER-->
            <administrativeGenderCode code="M" />
            <!--ADDRESS-->
            <addr use="WP">
              <streetAddressLine>23456 34562 Street</streetAddressLine>
              <city>Chicago</city>
              <state>IL</state>
              <country>USA</country>
              <postalCode>33333</postalCode>
            </addr>
            <!--Reference to NPI Correlation-->
            <asOtherIDs classCode="PAT">
              <id extension="123456789^NI^200ENPI^USDVA" root="2.16.840.1.113883.4.349" />
              <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
                <id root="2.16.840.1.113883.4.349" />
              </scopingOrganization>
            </asOtherIDs>
            <!--NPI-->
            <asOtherIDs classCode="NPI">
              <id extension="123456789" root="2.16.840.1.113883.4.6" />
              <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
                <id root="2.16.840.1.113883.4.349" />
              </scopingOrganization>
            </asOtherIDs>
          </patientPerson>
        </patient>
      </subject1>
    </registrationEvent>
  </subject>
</controlActProcess>

```

```

<statusCode code="Inactive" />
<effectiveTime value="20090320" />
</scopingOrganization>
</asOtherIDs>
<!-- ITIN (TAX ID NUMBER)-->
<asOtherIDs classCode="ITIN">
  <id extension="9123456789" root="2.16.840.1.113883.4.2"/>
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- DEA NUMBER-->
<asOtherIDs classCode="DEA_NUMBER">
  <id extension="F91234567" root="2.16.840.1.113883.4.814"/>
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- DEGREE-->
<asOtherIDs classCode="DEGREE">
  <id extension="MD^PHD" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- REMARKS-->
<asOtherIDs classCode="Remarks">
  <id extension="NON - VA PROVIDER" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- TITLE-->
<asOtherIDs classCode="Title">
  <id extension="NON - VA PROVIDER" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- SCHEDULED NARCOTICS-->
<asOtherIDs classCode="Sched_Narcotic">
  <id extension="F91234567^1^1^0^1^1" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- NonVA Prescriber-->
<asOtherIDs classCode="NonVAPrescriber">
  <id extension="1" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>

```

```

<!-- AuthWriteMedOrders -->
<asOtherIDs classCode="AuthWriteMedOrders">
  <id extension="1" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Provider Class-->
<asOtherIDs classCode="ProviderClass">
  <id extension="PHYSICIAN" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Non VA Prescriber-->
<asOtherIDs classCode="NonVAPrescriber">
  <id extension="1" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Provider Type-->
<asOtherIDs classCode="ProviderType">
  <id extension="FEE BASIS" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Person Class-->
<asOtherIDs classCode="PersonClass">
  <id extension="203BA0201Y" root="2.16.840.1.113883.4.349" />
  <statusCode code="Active" />
  <effectiveTime value="20090320" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
<!-- Detox Maintenance Number-->
<asOtherIDs classCode="DetoxMaintNumber">
  <id extension="F91234567^XA1234567" root="2.16.840.1.113883.4.349" />
  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
    <id root="2.16.840.1.113883.4.349" />
  </scopingOrganization>
</asOtherIDs>
</patientPerson>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<providerOrganization classCode="ORG" determinerCode="INSTANCE">
  <id root="1.2.840.114350.1.13.99998.8734" />
  <name>Good Health Clinic</name>
  <contactParty classCode="CON">
    <telecom value="tel:+1-342-555-8394" />
  </contactParty>
</providerOrganization>
</patient>

```

```

</subject1>
<!-- Not currently used by IDM. Added to support HI7v3 XSD validation -->
<custodian typeCode="CST">
  <assignedEntity classCode="ASSIGNED">
    <id root="1.2.840.114350.1.13.99998.8734" />
    <assignedOrganization classCode="ORG" determinerCode="INSTANCE">
      <name>Good Health Clinic</name>
    </assignedOrganization>
  </assignedEntity>
</custodian>
</registrationEvent>
</subject>
</controlActProcess>
</PRPA_IN201301UV02>

```

## 8.5.5 Update Person Response

In this section we will define the type of responses that can be returned as a result of sending an Add Person event into the Identity Management Service.

Relative Path	Service	Card	Data Type	Size	Valid Values / Ranges	Description
//acknowledgement	Update Person				<b>Attribute:</b> @NullFlavor (optional)  <b>Element:</b> typeCode (required) + messageWaitingNumber (optional) + messageWaitingPriorityCode (optional) + targetMessage (required) + acknowledgementDetail (required)	
//acknowledgement/typeCode	Update Person	1..1	CS	2	AA – Application Accept AE – Application Error AR – Application Reject	<p><b>AA</b> – successfully processed the message. If any updates are accepted then an AA is expected to be returned to the initiating system. It could also include error code and error text but that is only to be used as a warning.</p> <p><b>AE</b> – failed to process the message due to data or service business rules. If no updates to the consuming IdM Service are made due to data or business issues then an AE should be returned.</p> <p><b>AR</b> - fail to process (reject) the message for reasons unrelated to its content or format (system down, internal error, etc.). For most such problems it is likely that the responding system will be able to accept the same message at a later time. <b>Note: AR is to be used with error code INTERR</b></p>

//acknowledgement/targetMessage/id	Update Person	1..1	II		id root (required) + extension (required)	<p>The OID value should be the same OID passed in the request.</p> <p>Example:  &lt;id root="2.16.840.1.113883.4.349" extension="MCID-12345" /&gt;</p>
//acknowledgement/acknowledgementDetail	Update Person				<b>Attributes:</b> @nullFlavor (optional) @typeCode (optional)	<p><b>VA – not uses</b></p> <p><b>DoD – uses E and W</b></p> <p><b>I am unclear on the use of E and W and recommend that we not use this attribute</b></p>
//acknowledgement/acknowledgementDetail/code	Update Person	0..1	CE		code (optional) + codeSystem (optional) + codeSystemName (optional) + codeSystemVersion (optional) + displayName (optional)	<p><b>For consumers greater using versionCode 2.0 or greater</b></p> <p>code/codeSystem/displayName</p> <p><b>Key204/</b> 2.16.840.1.113883.5.4/Unknown Key Identifier</p> <p><b>Key205/</b> 2.16.840.1.113883.5.4/Duplicate Key Identifier</p> <p><b>INTERR/</b> 2.16.840.1.113883.5.1100/Internal System Error</p> <p><b>SYN101/</b> 2.16.840.1.113883.1.11.19639/Required attributes missing</p> <p><b>SYN102/</b> 2.16.840.1.113883.1.11.19639/Data Type error</p> <p><b>SYN100/</b> 2.16.840.1.113883.1.11.19639/ Required association missing</p> <p><b>SYN103/</b> 2.16.840.1.113883.1.11.19639/ Value not found in code system</p> <p><b>SYN104/</b> 2.16.840.1.113883.1.11.19639/ Invalid code system in CNE</p> <p><b>SYN110/</b> 2.16.840.1.113883.1.11.19639/ Number of association repetitions exceeds limit</p> <p><b>SYN112/</b> 2.16.840.1.113883.1.11.19639/Number of attribute repetitions exceeds limit</p> <p><b>NS200/</b> 2.16.840.1.113883.1.11.19640/ Unsupported interaction</p> <p><b>NS202/</b> 2.16.840.1.113883.1.11.19640/Unsupported ProcessingID</p> <p><b>NS203/</b> 2.16.840.1.113883.1.11.19640/ Unsupported version id</p> <p><b>NS250/</b> 2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode</p> <p><b>NS260/</b> 2.16.840.1.113883.1.11.19640/ Unknown sender</p> <p><b>NS261/</b> 2.16.840.1.113883.1.11.19640/ Unrecognized attentionline</p> <p><b>PNAUT000001/</b> 2.16.840.1.113883.3.2017.11.6.1/Application authorization error</p> <p><b>PNGEN000001/</b> 2.16.840.1.113883.3.2017.11.6.1/ Input attribute value is invalid</p> <p><b>PNUPDATE000002/</b> 2.16.840.1.113883.3.2017.11.6.1/ Unauthorized person record update</p> <p><b>PNUPDATE000003/</b> 2.16.840.1.113883.3.2017.11.6.1/ Improper Affiliation</p> <p><b>PNUPDATE000004/</b> 2.16.840.1.113883.3.2017.11.6.1/ Partial record update</p> <p><b>PNUPDATE000005/</b> 2.16.840.1.113883.3.2017.11.6.1/ ICN-EDI PI Correlation does not exist</p> <p><b>VA current solution</b></p> <p>fullyQualifiedID/MVI/EN</p> <p>fullyQualifiedID/MVI/PDT</p> <p>fullyQualifiedID/MVI/IMT</p> <p>fullyQualifiedID/MVI/ICN</p>

//acknowledgement/acknowledgementDetail/text	Update Person	0..1	ED	?	Free text	<p><b>For consumers greater using versionCode 2.0 or greater</b></p> <p><b>Key204 text will be:</b>  * Unknown Key Identifier &lt;&lt;value&gt;&gt;</p> <p><b>Key205 text will be</b></p> <p><b>INTERR text will be:</b>  * Internal System error</p> <p><b>SYN100 text will be:</b>  * Generic text explaining the issue</p> <p><b>SYN101 text will be:</b>  * Generic text explaining the issue</p> <p><b>SYN102 text will be:</b>  * Data element &lt;&lt;value&gt;&gt; is not of type &lt;&lt;type&gt;&gt;</p> <p><b>SYN103 text will be:</b>  * Generic text explaining the issue</p> <p><b>SYN104 text will be:</b>  * Generic text explaining the issue</p> <p><b>SYN110 text will be:</b>  * Generic text explaining the issue</p> <p><b>SYN112 text will be:</b>  * Generic text explaining the issue</p> <p><b>NS200 text will be:</b>  * Unsupported interaction</p> <p><b>NS202 text will be either</b>  * ProcessingCode passed is &lt;&lt;value&gt;&gt; and IdM Service is set to &lt;&lt;value&gt;&gt;</p> <p><b>NS203 text will be:</b>  * Unsupported version id</p> <p><b>NS250 text will be:</b>  * IdM only supports a T mode</p> <p><b>NS260 text will be:</b>  * Unknown sender Or Invalid Site ID</p> <p><b>NS261 text will be:</b>  * Unrecognized attentionline</p> <p><b>PNAUT000001 text will be:</b>  * Application authorization error, Call your system administrator to check your server/system/application credentials (e.g. verify certificate common name hasn't changed recently).</p> <p><b>PNGEN000001 text will be:</b>  * xpath of the data element (s) with invalid values</p> <p><b>PNUPDATE000002 text will be:</b>  * End user does not have the required credentials to update the specified person record</p> <p><b>PNUPDATE000003 text will be:</b>  * Updated person is not affiliated with the required organization</p> <p><b>PNUPDATE000004 text will be:</b>  * xpath of the data elements (s) that were not updated</p>

						PNUPDATE000005 text will be: * Enterprise ID <<value>> passed is not linked to ID <<value>>
--	--	--	--	--	--	--

### 8.5.5.1 HL7V3 1302 – Response Sample

```

<idm:MCCI_IN000002UV01 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204191411041711868792413" />
  <creationTime value="20120419141104-0400" />
  <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01" />
  <processingCode code="T" />
  <processingModeCode code="T" />
  <acceptAckCode code="NE" />
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM_VA MPI" />
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349" />
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA" />
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="MCID-12345" />
    </targetMessage>
    <acknowledgementDetail>
      <code codeSystemName="MVI" displayName="IEN" code="12345^PI^987^USVHA" />
      <text>
        <![CDATA[Correlation Updated to MVI]]>
      </text>
    </acknowledgementDetail>
  </acknowledgement>
</idm:MCCI_IN000002UV01>

```

### 8.5.5.2 HL7V3 1302 – Unlink/ Response Sample

The following is a sample of a successful unlink response as returned for the 1302 unlink request provided above. The successful UNLINK status message is highlighted.

```
<idm:MCCI_IN000002UV01 xmlns:idm="http://vawww.oed.oit.va.gov" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/MCCI_IN000002UV01.xsd"
xmlns="urn:hl7-org:v3" ITSVersion="XML_1.0">
  <id root="2.16.840.1.113883.4.349" extension="MCID-1204191540168281108730345"/>
  <creationTime value="20120419154016-0400"/>
  <interactionId root="2.16.840.1.113883.1.6" extension="MCCI_IN000002UV01"/>
  <processingCode code="T"/>
  <processingModeCode code="T"/>
  <acceptAckCode code="NE"/>
  <receiver typeCode="RCV">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.3.933" extension="SITEKEY_OBTAINED_FROM VA MPI"/>
    </device>
  </receiver>
  <sender typeCode="SND">
    <device classCode="DEV" determinerCode="INSTANCE">
      <id root="2.16.840.1.113883.4.349"/>
    </device>
  </sender>
  <acknowledgement>
    <typeCode code="AA"/>
    <targetMessage>
      <id root="2.16.840.1.113883.3.933" extension="1302_UNLINK1"/>
    </targetMessage>
    <acknowledgementDetail>
      <code codeSystemName="MVI" displayName="IEN" code="12345^PI^987^USVHA"/>
      <text><![CDATA[Unlink Successful:UNLINK for stationId 987 from ICN 1119970580V776365]]></text>
    </acknowledgementDetail>
  </acknowledgement>
</idm:MCCI_IN000002UV01>
```



## 8.6 Structurally Invalid Requests

In the event that an inbound HL7V3 request is structurally invalid to the point where it cannot be identified, the VA MPI Service will respond with an IDM ERROR RESPONSE to the client.

### 8.6.1 IDM ERROR Response – Sample

```
<IDM_RESPONSE type='ERROR' requestType='ERROR'>
  <RESULT type='AR'>
    <ERROR code='XML01'>
      <TEXT>
        <![CDATA[SAXException-Couldn't PARSE INBOUND REQUEST XML:The element type
"PRPA_IN201305UV02" must be terminated by the matching end-tag "</PRPA_IN201305UV02>".]]>
      </TEXT>
    </ERROR>
  </RESULT>
</IDM_RESPONSE>
```

## 9.0 Policies and Qualities of Service

### 9.1 Performance

The VA MPI Services use the following reliability specifications:

Service Availability Level 4	
Description	Mission Critical Information
Minimum Availability	99.9%
Maximum Downtime Per Month	43 minutes
Business Value	Essential to fundamental business operations – outage seriously impairs functioning of business
Operational Hours	Required 24 hours a day, every day
Significant Outage	More than five minutes of downtime is considered significant at any time

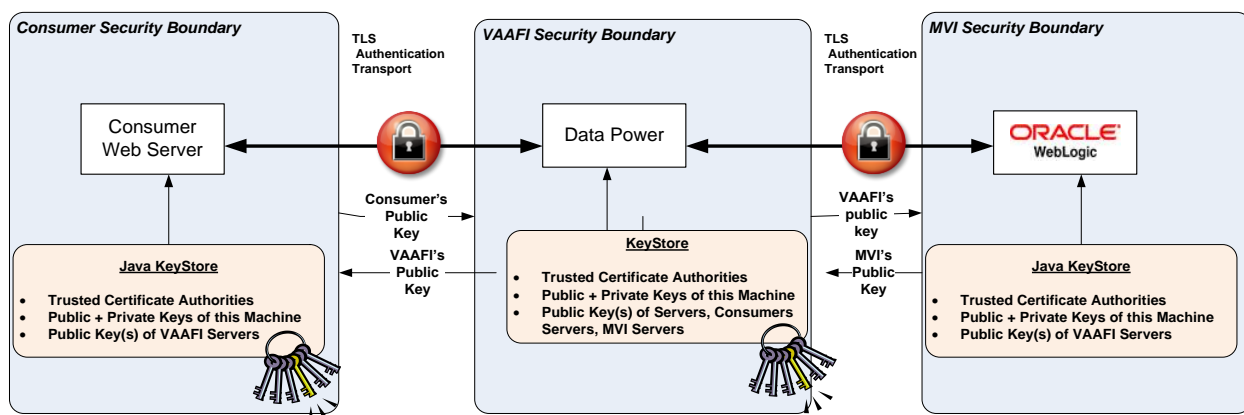
<b>Outage Impact</b>	Interruption of service may result in severe financial, regulatory, safety, patient health, or other business issues
<b>Scheduled Maintenance</b>	Scheduled maintenance must provide continuity of service availability with minimal interruption
<b>Availability Design Target</b>	99.9%
<b>Component Availability Target</b>	99.9%

**Response Time:**  
**Throughput:**

Quality of Service	Threshold	Comments
Availability		
Reliability		
Throughput		
Response Time		
Reliable Messaging Policies		

## 9.2 Security

The following diagram shows the security integration of VA MPI through VAAFI.



<b>Topic</b>	<b>Comments</b>
<b>Policy</b>	Consuming apps of VA MPI are expected to comply with all provisions of VA Security Policy including VA Directive 6500.
<b>Privacy</b>	Consuming apps of VA MPI are expected to comply with all provisions of VA Privacy Policy including VA Directive 6500.
<b>Reporting</b>	Consuming apps of VA MPI are expected to include the VA MPI Program manager within the notification procedures in incident response plans. The VA MPI PM should be notified of security and privacy breaches within 24 hrs when a breach of the consuming application has a potential impact to VA MPI Service.
<b>Access</b>	Consuming apps of VA MPI are expected to develop appropriate controls for user and system accounts. Password and access procedures for these should follow VA directives.
<b>Authorization</b>	Consuming apps responsible for ensuring that personnel viewing PII through their system are appropriate based on VA policy, Need to know, and VA Policies and directives.
<b>Boundaries</b>	The security boundary for the VA MPI system is depicted in the PSIM and VA MPI SSP. Consuming apps of the VA MPI Service should ensure that appropriate security measures are in place for PII and / or sensitive data outside these boundaries.
<b>Non Repudiation</b>	Consuming apps of VA MPI are expected to provide controls that link individual users with each VA MPI transaction with a reasonable amount of non repudiation.
<b>Data Ownership</b>	Consuming apps are responsible for all data accessed and security of any data extracts.
<b>Interfaces / Services</b>	Consuming apps will use one of the approved protocols for connection to VA MPI: HTTPS – Any connection outside the VA boundary HTTP- within the VA network CAIP- within the VA network MLLP- within the VA network

## 9.3 Standards Compliance

### ASTM E1714

URL:

### IHE HL7 v3.0 PIX/PDQ

([http://www.ihe.net/Technical\\_Framework/upload/IHE\\_ITI\\_Suppl\\_PIX\\_PDQ\\_HL7v3\\_Rev2-1\\_TI\\_2010-08-10.pdf](http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_PIX_PDQ_HL7v3_Rev2-1_TI_2010-08-10.pdf))

### XSD

([ftp://ftp.ihe.net/TF\\_Implementation\\_Material/ITI/schema/HL7V3/NE2008/multicacheschemas/](ftp://ftp.ihe.net/TF_Implementation_Material/ITI/schema/HL7V3/NE2008/multicacheschemas/))

### SOAP

(<http://www.w3.org/TR/soap/>)

### HL7

(<http://www.hl7.org/>)

### PID SPECS

### Business Standards

Standard	Version	Comments
In-house standards		
Technical standards		
Business standards		
Regulatory standards		

## 9.4 Metrics

Service metrics define how to measure the reliability of a service.

Metric	How to measure	Comments
Basic usage		
Business level usage		
Successful queries		
Successful adds		
Number of requests		
Number of failed requests		
Number of successful requests		
Service uptime		
Maximum response time		
Last response time		

## 10.0 Bad address indicator, code, and text

A bad address can be specified/indicated within an HL7V3 1301 or 1302 request in:

```
<patient classCode="PAT">
. . .
    <patientPerson>
. . .
        <addr use=". . .">
```

by using attribute `use="BAD"`.

A bad address code and descriptive text can be specified in an optional `<additionalLocator>` element, separated by a caret (^) where bad address code is one of:

VAB1 (bad address - undeliverable)

VAB2 (bad address - homeless)

VAB3 (bad address - other)

VAB4 (bad address - not found)

Attribute `partType="ADL"` should always be specified in this case for `<additionalLocator>`.

Descriptive text can be an alphanumeric description that provides further information relating to the bad address code.

### Example:

```
//ADDRESS - note bad address indicator, use code and text.
<addr use="BAD">
    <additionalLocator partType="ADL">VAB3^[NOT A RESIDENTIAL ADDRESS]</additionalLocator>
    <streetAddressLine>747 Some Blvd.</streetAddressLine>
    <city>Badlands</city>
    <state>SD</state>
    <postalCode>67890</postalCode>
</addr>
```

## 11.0 Appendix A Frequently Asked Questions

### 11.1 Does the HL7v3 header apply to all transactions?

Yes, the HL7v3 header is constant across the transactions we support.

### 11.2 Do we need to change the processCode (header field) this value based on the environment?

Yes, “T” is used for all environments below Production. “P” is used for Production ONLY. “D” is not used.

### 11.3 What is the Sender and Receiver OID?

These values represent the ISO valued Assigning Authority. As an example, if you are a VHA application you will be using the current VA OID value: 2.16.840.1.113883.4.349

In both ID elements you will be given an extension value to also provide as an IDM mnemonic to your system.

The application MUST obtain the ID from the VA MPI development.

Send mail to: **VA IdS Leads**

#### Example:

```
<sender typeCode="SND">
  <device classCode="DEV" determinerCode="INSTANCE">
    <id extension="SITEKEY_OBTAINED_FROM_VA_MPI"
root="2.16.840.1.113883.4.349"/>
  </device>
</sender>
```

### 11.4 What is the controlActProcess.queryByParamter.queryid?

This element represents a unique value sourced from your system that will be echoed back on your responses.

#### Example:

```
<queryId extension="my query id" root="2.16.840.1.113883.3.933"/>
If this was sent on a 1309, it would be echoed back to you on the 1310.
```

### 11.5 Does it matter if we send incorrect values on fields that do not currently have a business purpose to VA MPI?

Yes. The key is conforming to the HL7 Standard, while also meeting any business need.

## 11.6 Does the patientIdentifier.root ever change?

Yes. This element represents the ISO valued Assigning Authority and may change based on the identifier and domain the identifier it was created/assigned. VA MPI also provides the VA MPI mnemonic for a given Assigning Authority, as well as their Assigning Facility mnemonic in the extension.

### Example:

```
<id extension="7190290^PI^983^USVHA" root="2.16.840.1.113883.4.349"/>
```

```
<id extension="1387494509^NIA^200DOD^USDOD" root="2.16.840.1.113883.3.364"/>
```

**Root OID for VA** = 2.16.840.1.113883.4.349

**Root OID for DoD** = 2.16.840.1.113883.3.42.10001.100001.12

2.16.840.1.113883.4.349