Master Veteran Index

Document



Version 3.9

July 2018

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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 | * Update the MVI Consumers diagram in section 1.4 * Update section 2.1 with 17 million instead of 16 million, since we just flipped over 17 million and also re-worded the section * Updated section 2.4 table * Updated table in 4.2 * Updated the diagram in section 4.6 | Danny Reed |
| 04/19/2011 | 0.1 | Update based on Jeff’s Feedback   * Define Identifier Types * Define MMN, POBS, POBS, BAI * Renamed Person to Primary View | 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 | * Updated document version to 1.1 since the document was approved and baselined as per the IAM IPT meeting. * Updated Scope to include information from development staff * Updated 1309 example * Add 1310 response examples * Add section 10.0 FAQ * Enhanced the details on the HL7v3.0 Header details interactionid area to include all of the extension ids | Danny Reed |
| 06/14/2011 | 1.2 | * Updated document to include phone and MBI on 1301 (Add Person) and 1302 (Update Person) * Updated document to include SSN Verification status on 1301 (Add Person) and 1302 (Update Person) | 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 | * Changed all references to IdM Service to MVI Service * Changed all references to MVI service to MVI Service * Changed all function to operation | Danny Reed |
| 09/20/2011 | 1.5 | * Modified section 1.4 Reference to specify the reference document for MPI is for HL7 v2.4 * Updated Current Service Status and added Update Person [Unlink] and Update Person Notifications. Changed release date to May 2012 * Added clarification on MVI Interface section that the operations are Single Patient Centric * Added Interface Description * Updated Technical Specification (section 4.2) * Removed reference for Register Interest in Person Under Decentralized Hybrid | Patrick Kiboti |
| 09/28/2011 | 1.6 | Updated the document based on internal review   * Added a section regarding testing and sign off from business partners * Added an embedded “Standard Process for MVI Integration via VAAFI * Spelled out VAAFI * Added new URLs for VAAFI Integration * Updated the diagram in section 9.2 – Security | 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 | MVI CR 1290 – Updated the Service Description for Increment 7 release  \*Updated the figure for MVI Consumers to add newly integrated applications  \*Removed the Proxy Add to DoD operations from the Service Information  \*Updated the release of Update Person Notification  \*Added Date of Death, Address and Phone to the Primary View  \*Removed the option to store ICN on Enterprise Aggregate  \* Modified the Sequence Diagram for Implicit Add to remove the Find Candidate  \* Added the Update Person Sequence Diagrm | Patrick Kiboti |
| 04/19/2012 | 2.2 | \* Revised HL7V3 Samples \* Added alias name/maiden name codes. \* Added date of death information. | 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 | Updated description for sequence diagram to explain the reason the FindCandidate search is detailed out for the explicit add.  Added Merge Operation on Service Description  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.  Replaced referenced to Mismatch with Move  Added the MergePerson Sequence Diagram | Danny Reed/ Patrick Kiboti |
| 05/02/2012 | 2.5 | 1301/1302 Recommended traits.  Refined update profile verbage. | 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 | \* 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”  \* 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  \* Update section 2.4 to reflect lastest status of operations deployed  \* Updated Figure 1 to reflect the latest MVI Consumer list  \* Updated section 4.2 to reflect the new VAAFI endpoints  \* Restructed section 7 to utilize the xpath notation instead of the table format  \* Restructed section 8.1 to utilize the xpath notation instead of the table format  \* Restructed section 8.2 to utilize the xpath notation instead of the table format  \* Restructed section 8.3 to utilize the xpath notation instead of the table format  \* Restructed section 8.5 to utilize the xpath notation instead of the table format | 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 | Updated the note in section 1.1 to further clarify that the HL7v2.4 interface is documented in the existing MPI Interface Specification document  Section 2.1 updated the description to be more VA wide instead of VHA centric.  Section 2.2 updated the operation for Proxy Add Person to include the Proxy Add Veteran Claimant (to add to VBA CORP and BIRLS)  Section 5.3 updated to include fully qualified IDs  \*\*\*Orchestration (VBA scopingOrganization)  Clarified add rules to include IDState of Temporary and Permanent (Section 8.2)  Update section 8.4 to be xpath format  Section 8.2, 8.4 and 8.5 to support ALIAS (Name and SSN)  Added versionCode in section 7.1.2  Added Race and Ethnicity information to the Add and Update detail sections.  Added section 8.2.6 for Add Claimant  Added section 8.4.9 for Orchestration Search unattended  Updated section 5.5 and 8.4.7 to include all of the possible Orchestration IDStatus’s  Updated section 8.2.1 to include the reference to the attentionLine  Enhanced section 8.2.6 to include additional wording  Enhanced section 8.4.6 to support both unattended search and retrieve | Danny Reed |
| 8/14/2015 |  | Consumers of this MVI operation will indicate a “TELEPHONY” algorithm in the matchAlgorithm stanza as shown below.  <matchCriterionList>  <matchAlgorithm>    <value xsi:type="ST">TELEPHONY</value>    <semanticsText>Deterministic search</semanticsText>  </matchAlgorithm>  </matchCriterionList>  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.  TELEPHONY: Trait Rules   * + Look up by SSN or EDIPI   + If multiple identities found in MVI, return Not Found     - Note: EDIPI should NEVER return multiple actives.   + If ONLY one Identity found     - Compare “Check/filter traits” against the single MVI record returned.     - Check Traits:       * DOB   MVI score marker will be not be returned, as they only apply to a Probabilistic type search.  Added a reference to SOI (System of Interest) Registration  Also need to add reference to CP&E SPONSOR and BENE IDs |  |
| 12/1/2014 | 3.4 | Change EDIPI idtype reference on page 69 and 111 from PN to NI |  |
|  |  | New example messages that are fully populated  Document IIPT  Document DateOfDeath  Document SSA Verification Status |  |
|  |  | Updated section  Service Identification - to include Search for Person (Telephony)  Current Service Status – to include implementation dates for Proxy Add Claimant and Telephony Search | Patrick Kiboti |
| 10/14/2015 |  | Updated the Primary View and Correlation Traits to include   * LOA (PV and Correlation) * SSN Verification Date (Correlation) * SSN Process Date (Correlation) | 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 | Updated to include Position Handle and Investigation data elements  Updated the descriptions for 8.3.2 and 8.3.6  Need to follow up on Phone# length to support foreign phone value  Update search section to include reference for MVI\_REGISTRATION  Added Version code 4.1  This new version also brings in a new correlation status of “L” local merge pending also documented in several sections. This is primarly 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.  Updated the religion table in section 6.4 that had a typo that combined ROMAN CATHOLIC CHURCH and JUDAISM | Patrick Kiboti  Danny Reed |
| July 2018 | 3.9 | * Update IIT to include V3 and V4 * Update Data Model to reference Gender as Birth Sex (no changes to the interface definition because the standard uses AdministrativeGender) * Person Type\*\*\*need to change in add, retrieve, update details?\*\*\* * Preferred Name   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  Added the following note in the reference to sending legal name  \*\*\* Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor  <given nullFlavor="NA"/> |  |

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# Introduction

## Purpose

The purpose of this document is to describe the interactive interfaces to and from the MVI 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 MVI Service to support Identity Management processes. This document contains a high level overview of the MVI Service and service interfaces as well as low level communication and message payload structures and definitions.

All communications to the MVI 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 MVI. The outcome of the governance process will be a signed RSD outlining the “to-be” integration pattern and identification of the MVI 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
   * 1. 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.
   1. Specific sender codes may be provided.
4. Schedule integrated development testing with IdM.

## Scope

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

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

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

## 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

## 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 | <http://www.va.gov/vdl/application.asp?appid=16> |
| MLLP | Master Patient Index | <http://www.va.gov/vdl/application.asp?appid=16>  MPI HL7v2.4 Interface Specification Document |
| SOAP MVI Web Service | Master Veteran Index | \*\*Follow up\*\*  See the [VA Master Veteran Index Request Summary.pdf](http://tspr.vista.med.va.gov/warboard/ProjectDocs/MVI/VA%20Master%20Veteran%20Index%20Request%20Summary.pdf) |
| HC IdM Data Quality Business Guidance | HC IdM | <http://vaww.vhaco.va.gov/dataquality/identitymgmt.htm>  \*\*\*Follow up\*\* |

# Service Information

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

## Service Description

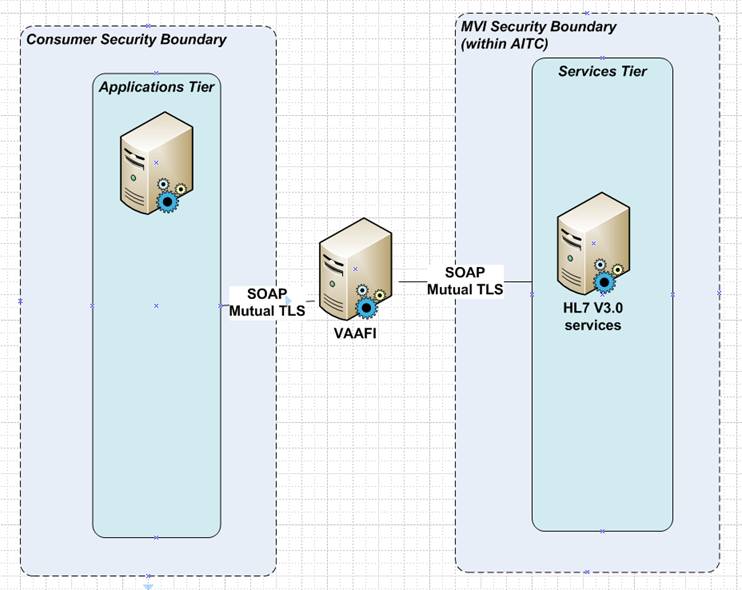
The Master Veteran Index (MVI) is a database that holds over 40 million unique person identity entries, populated from all VA line of business (VHA, VBA and NCA) systems. The MVI matches/links system records together across the VA systems. The MVI also establishes a unique Enterprise Identifier for each 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 MVI Service:



Figure 1 MVI Consumers

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



## Service Identification

|  |  |
| --- | --- |
| **Item** | **Details** |
| **Service Name/Purpose** | 1. Add Person (PRPA\_IN201301UV02) – This operation allows the MVI consumer to request the creation of a new person identity record.    1. Add Correlation    2. Add Person (implicit add with the search)    3. Add Person (explicit with no search)    4. Proxy Add Person       1. To VistA (used by the VHA ESR application to initiate an add to the Preferred Facility)       2. To VBA DBs (adds to VBA CORP and BIRLS) 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.    1. Unlink – Unlink a Correlated ID 3. FindCandidate (PRPA\_IN201305UV02) – This operation allows the consuming application to query the MVI for the person identity based on a set of submitted identity traits or correlated identifier:    1. Attended    2. Unattended    3. Retrieval    4. Register Interest    5. Telephony Search 4. GetCorrespondingIDs (PRPA\_IN201309UV02) – This operation allows the consuming application to submit an identifier to the MVI and receive back all identifiers associated with the submitted identifier. 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.    1. Link – Resolution of Duplicate Record    2. Move – Move Mismatch Record    3. Merge – Resolution of local Duplicate Record |
| **Business Domain** | Veterans Relationship Management (VRM) |
| **Business Owner** | Veterans Relationship Management (VRM) IPT |
| **Development Owner** | Office of Product Development |
| **Support Owner** | Office of Product Development |
| **Technical Owner** | Office of Product Development |
| **Service Classification** | Entity Service |
| **Service Authority Level** | Enterprise |

## 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>). 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 MVI information is appropriately maintained.

Applications/service/systems must submit a request through the Identity and Access Management (IAM) Governance Process found at <http://vaww.iam.va.gov/>. Each application/service/system must be evaluated to determine which architectural integration pattern is appropriate for integration with MVI. 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 MVI per the [June 2010 mandate memo](http://vaww.infoshare.va.gov/sites/VFIstrategy/VRM/Identity%20and%20Access%20Management%20IAM/VA%20Identifier%20Memos/VA_Identity_Management_policy_memo_Baker.jpg) 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).

## Current Service Status

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

|  |  |  |
| --- | --- | --- |
| **Service State** | **Operation** | **Date** |
| **Planned** |  | MVI i14 Sept 2015 |
| **Provisioned** |  |  |
| **Certified** |  |  |
| **Published** | 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  FindCandidate [Unattended]  Merge Person [Link]  Merge Person [Move]  Update Person [Unlink]  Update Person Notifications  Proxy Add Veteran Claimant  FindCandidate [Unattended]  FindCandidate (Telephony) | MVI i5 release June 2011  MVI i6 release November 2011  MVI i7 release May 2012  MVI i8 release Dec 2012  MVI i12 release July 2014  MVI i12 release July 2014  MVI i14 release July 2015 |
| **Operational (deployed)** |  |  |
| **Superseded** |  |  |
| **Retired** |  |  |
| **Archived** |  |  |

# Dependency Model

The following is the dependency model for the MVI service:



## 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. .

## 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.

# MVI Interface

This section describes the interface published by the MVI Service.

All the operations provided by the MVI Service are Single Patient Centric. There is no batch capability to consumer MVI Services.

## Interface Description

The MVI Service provides a set of operations for consumers.

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



## 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 MVI 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.

|  |  |  |
| --- | --- | --- |
| **MVI** | **VAAFI** | **URL** |
| **Dev** | **INT** |  |
| *MVI (HL7 v3.0) WSDL* | | <http://ps-dev.commserv.healthevet.va.gov:8110/psim_webservice/IdMWebService?WSDL> |
| *MVI (HL7 v3.0) WSDL* | | <https://ps-dev.commserv.healthevet.va.gov:8957/psim_webservice/IdMWebService?WSDL> |
| *VAAFI External* | | <https://preprod.eauth.va.gov:8443/external/psim_webservice/dev/IdMWebService> |
| *VAAFI Internal* | | <https://int.eauth.va.gov:9193/psim_webservice/dev/IdMWebService> |

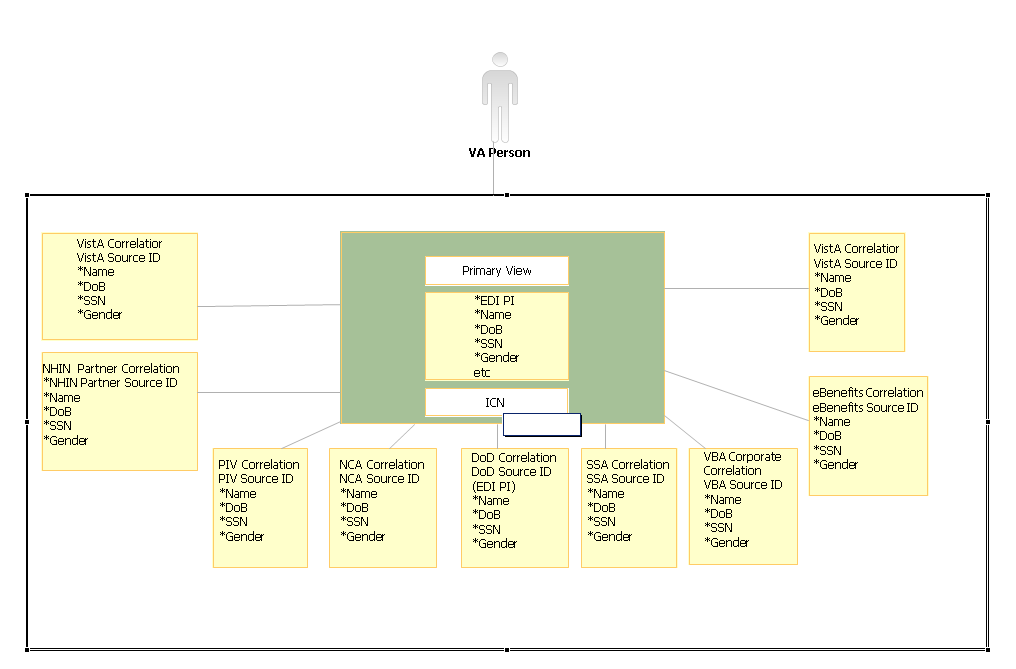
# Information Model

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.

## 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.



## MVI Logical Person Diagram

The following is a logical diagram of the MVI Person model.



## MVI Source Id Types

This model shows the MVI Source ID relationships.



* NI – National Identifier
* PI – Patient Identifier
* EI – Employee Identifier
* PN – Patient 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"/>

## Primary View

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Comments** | **Service Reference** |
| **ICN** | String | Generated ID 29char | Person |
| **ID Type** | value | National Identifier (NI)  Patient Identifier (PI)  Employee Identifier (EI)  Patient Number (PN) | MVI Source Id Types |
| **Assigning Authority** | String | Dynamic list | Person |
| **Assigning Facility** | Value |  | Person |
| **IDState** | Value | Permanent, Temporary, Deactivated | Person |
| **LastName** | String | Max 35 | Person |
| **FirstName** | String | Max 25 | Person |
| **MiddleName** | String | Max 25 | Person |
| **Preferred Name** | String | Max 25 | Person |
| **SSN** | Numeric | 9 | Person |
| **SSN Verification** | Value | 0 – New Record  1 – In Process  2 – Invalid per SSA  3 – Re-send to SSA  4 – Verified | Person |
| **Pseudo SSN Reason** | Value | R – Refused to provide  S – SSN Unknown/Follow up required  N – No SSN assigned | Person |
| **Self Identified Gender** | 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 | Person |
| **SSA Verification Status** | 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 |
| **Interoperability Identity Person Type (IIPT)** | Value | V1 - Veteran (per VA)  V2 - VA Beneficiary  V3 – Military Person but not Veteran  V4 – Non-military person | Person |
| **Identity Level of Assurance** | 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 |
| **Prefix** | String | 10 | Person |
| **Suffix** | String | 10 | Person |
| **Mothers Maiden Name (MMN)** | String | 2 – 35 | Person |
| **Place of Birth City (POBC)** | String | 2 – 20 | Person |
| **Place of Birth State (POBS)** | Value | FIPS Code | State |
| **Birth Sex (formerly Gender)** | Value | Male, Female | Person |
| **Date of Birth (DOB)** | Date | Date | Person |
| **Multiple Birth Indicator (MBI)** | Value | N, Null, Y | Person |
| **Identity Theft** | Value | 0 – No  1 – Yes  Null | Person |
| **Alias** | String | Multiples | Alias |
| **Date of Death** | Date | Date |  |
| **Date of Death attributes**  **Verification Status**  **Entered Date/ Date Last Updated**  **Entered By/Updated By**  **Source of Notification**  **Supporting Document Short Name** | Value  Date  String  Value | Verified  Pending  Null/Blank  Date  UserID^First^Last^middle^suffix  VAMC Inpatient Death  Spouse/Next of Kin/Other Person  NCA  Corp  SSA DMF  EVVE Query   * VAMC EHR Inpatient Death * Death Certificate * State Public Record of Death * Coroner's Report * Death Certificate US Govt * Clinical Summary US Govt * Official Report Uniformed Service * NonUS Death US Consular Report of Death * NonUS Death Public Record Authenticated * NonUS Death Civilian Employee Official Report * No Other 38 CFR Documentation Affidavit Provided * No Other 38 CFR Documentation Official Finding * No Other 38 CFR Documentation Other Federal Agency Finding * Unexplained Absence 38 CFR § 3.212 Criteria Met * NCA Electronic File * SSA DMF * Military Personnel Sources * Beneficiary Support Tool * EVVE Certification | Person |
| **Address**  **Line 1**  **Line 2**  **Line 3**  **City**  **State**  **ZIP** | String  String  String  String  Value  String | 3 – 35  3 – 30  3 – 30  3 – 28  From State File  6-11 | Person |
| **Phone Number** | String | Max 4 – 23 | Person |
| **Proofing Level of Assurance = “LOA”** | Value | 1 – Little or No confidence  2 – Some confidence  3 – High confidence  4 – very high confidence | Person |
| **Person Type** | Value | VET = Veteran  PAT = Patient  ACR = Accredited Representative  CON = Contractor  EMP = Employee  GUA = Guardian  HPT = Healthcare Professional Trainee  DEP = Dependent  AFF = Affiliate  ASI = Associated Individual | Person |

## Correlation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attribute** | **Data Type** | **Comments** | **Service Reference** | |
| **Source ID** | String | 150 max | Correlation | |
| **ID Type** | value | National Identifier (NI)  Patient Identifier (PI)  Employee Identifier (EI)  Patient Number (PN) | Correlation | |
| **Assigning Authority** | String | Dynamic list | Correlation | |
| **Assigning Facility** | Value |  | Correlation | |
| **IDStatus** | 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  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 MVI is in an ERROR state.)  TIMEOUT - (Orchestration/Search) External system timeout. (Indicator that external service to MVI did not respond within the allotted time.)  FAULT - (Orchestration/Search) External system returned a fault message.  (Indicator that external service to MVI rejected the transaction.)  UNKNOWN - (Orchestration/Search) External system returned an unexpected response MVI will default the IDStatus to UNKNOWN. | Correlation | |
| **LastName** | String | Max 25 | Correlation | |
| **FirstName** | String | Max 25 | Correlation | |
| **MiddleName** | String | Max 25 | Correlation | |
| **Preferred Name** | String | Max 25 | Person | |
| **SSN** | Numeric | 9 | Correlation | |
| **SSN Verification** | Value | 0 – New Record  1 – In Process  2 – Invalid per SSA  3 – Re-send to SSA  4 – Verified | Correlation | |
| **Pseudo SSN Reason** | Value | R – Refused to provide  S – SSN Unknown/Follow up required  N – No SSN assigned | Correlation | |
| **SSA Verification Status** | 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 | |
| **SSA Verification Date** | Date | Date | Correlation | |
| **SSA Verification Status** | Date | Date | Correlation | |
| **Interoperability Identity Person Type (IIPT)** | Value | V1 - Veteran (per VA)  V2 - VA Beneficiary  V3 – Military Person but not Veteran  V4 – Non-military person | Correlation | |
| **Mothers Maiden Name (MMN)** | String | 2 – 35 | Correlation | |
| **Place of Birth City (POBC)** | String | 2 – 20 | Correlation | |
| **Place of Birth State (POBS)** | Value | FIPS Code | State | |
| **Place of Birth Country** | Value | ISO 3166-3 | <http://www.iso.org/iso/country_codes.htm> | |
| **Multiple Birth Order** | Value |  | Correlation | |
| **Birth Sex (formerly Gender)** | Value | Male, Female | Correlation | |
| **Date of Birth (DOB)** | Date | Date | Correlation | |
| **Multiple Birth Indicator (MBI)** | Value | N, Null, Y | Correlation | |
| **Ethnicity** | Value | 0000-0 – Declined to Answer  2135-2 – Hispanic or Latino  2186-5 – Not Hispanic or Latino  9999-4 – Unknown by Patient | Correlation | |
| **Race** | 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 | |
| **Bad Address Indicator (BAI)** | Value | 1 – Undeliverable  2 – Homeless  3 – Other  4 – Address not found | Correlation | |
| **Alias** | String | Multiples | Correlation | |
| **Address**  **Line 1**  **Line 2**  **Line 3**  **City**  **State**  **ZIP** | String  String  String  String  Value  String | 3 – 35  3 – 30  3 – 30  3 – 28  From State File  6-11 | Correlation | |
| **Phone Number** | String | Max 4 – 23 | Correlation | |
| **Marital Status** | Value | D – Divorced  M – Married  N – Never Married  S – Separated  W – Widow /Widower  U – Unknown | Correlation | |
| **Religious Preference** | 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  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 VOODOO  80 WICCA  81 YAOHUSHUA  82 ZOROASTRIANISM  83 ASKED BUT DECLINED TO ANSWER | Correlation |
| **Date of Death** | Date | Date | Correlation |
| **Person Type** | Value | VET = Veteran  PAT = Patient  ACR = Accredited Representative  CON = Contractor  EMP = Employee  GUA = Guardian  HPT = Healthcare Professional Trainee  DEP = Dependent  AFF = Affiliate  ASI = Associated Individual | Person |
| **Date of Death attributes**  **Verification Status** | Value | Verified  Pending  Null/Blank | Correlation |
| **Entered Date/ Date Last Updated** | Date | Date | Correlation |
| **Entered By/ Updated By** | String | UserID^First^Last^middle^suffix | Correlation |
| **Source of Notification** |  | * VAMC Inpatient Death * Spouse/Next of Kin/Other Person * NCA * Corp * SSA DMF * EVVE Query   The following values are additional historical VistA Source of Notification   * NON-VA MEDICAL FACILITY * DEATH CERTIFICATE ON FILE * VA INSURANCE * SSA * NCA * OTHER | Correlation |
| **Supporting Document Short Name** |  | * VAMC EHR Inpatient Death * Death Certificate * State Public Record of Death * Coroner's Report * Death Certificate US Govt * Clinical Summary US Govt * Official Report Uniformed Service * NonUS Death US Consular Report of Death * NonUS Death Public Record Authenticated * NonUS Death Civilian Employee Official Report * No Other 38 CFR Documentation Affidavit Provided * No Other 38 CFR Documentation Official Finding * No Other 38 CFR Documentation Other Federal Agency Finding * Unexplained Absence 38 CFR § 3.212 Criteria Met * NCA Electronic File * SSA DMF * Military Personnel Sources * Beneficiary Support Tool * EVVE Certification | Correlation |
| **Claim Number** | String | 7 – 9 Characters | Correlation | |
| **E-mail Address** | String | 3 – 50 Characters | Correlation | |
| **ROI Indicator** | Value | 0 – No  1 – Yes | Correlation | |
| **Level of Assurance** | Value | 1 - NO CONFIDENCE  2 - CONFIDENT  3 - HIGH CONFIDENCE  4 - VERY HIGH CONFIDENCE | Correlation | |
| **Date Last Treated** |  |  | Correlation | |
| **Pending Catastrophic Edit Status** | 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 | |
| **Event Reason** |  |  | Correlation | |
| **Self Identified Gender** | 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 | |
| **Proofing Level of Assurance = “LOA”** | Value | 1 – Little or No confidence  2 – Some confidence  3 – High confidence  4 – very high confidence | Correlation | |

# Behavioral Models

The following sections describe the patterns supported by the MVI Service.

## Enterprise Integration Pattern

The Enterprise Integration Pattern is the primary pattern selected for integrating with the MVI. 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 MVI.
* The integrated system interacts with the MVI 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 MVI 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 MVI 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 MVI) depending on business need.
* MVI business rules govern whether the integrated system’s correlation is or is not synchronized with the Identity data from the MVI Primary View.
* MVI business rules govern whether identity updates received from the integrated system influence the Identity data in the MVI 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 MVI 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 MVI can send identity trait updates.
      * If there is a business need MVI 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)

## Aggregate

The Aggreate Pattern is similar to Enterprise Pattern and the difference is that there is no business need to receive identity trait updates from MVI.

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 MVI.
* The integrated system interacts with the MVI 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 MVI when there is a specific business need.
* Systems integrated with this pattern cannot add a new person record to the MVI.

**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),

## 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.

### 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 MVI. 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 MVI Correlation person identifier from the upstream system.

**Properties**

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

**Pattern Options**

N/A

**Service Operations Consumed**

N/A

**Consumers**

VistA Blood bank

### 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 MVI. 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 MVI correlated person identifier from the upstream system and can use the MVI ICN as a trait, depending on the business/architecture need.

**Properties**

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

**Pattern Options**

* The system DOES NOT store the ICN as a trait of the MVI Correlated Identifier.
* The system/business DOES store ICN as a trait of the MVI Correlated identifier. If the system stores the ICN, then:
  + The system will subscribe to and process the same MVI ICN notifications as the upstream system that is correlated to MVI.
  + The system will be responsible for accurately responding to MVI ICN notifications based on a successful/unsuccessful processing of the event in its system.
  + The IdM business will be notified when the MVI 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 MVI 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)

## 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 MVI Correlation person identifier from the system requesting the event to be stored. The repository system does not interact directly with the MVI.

**Properties**

1. Systems that retrieve information from the repository system MUST utilize the MVI GetCorrespondingIDs service operation to obtain the MVI 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

## Use Cases

Refer to the following TSPR link for the MVI Use Cases:

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

## Sequence Diagrams

### Add Person (Add Correlation)

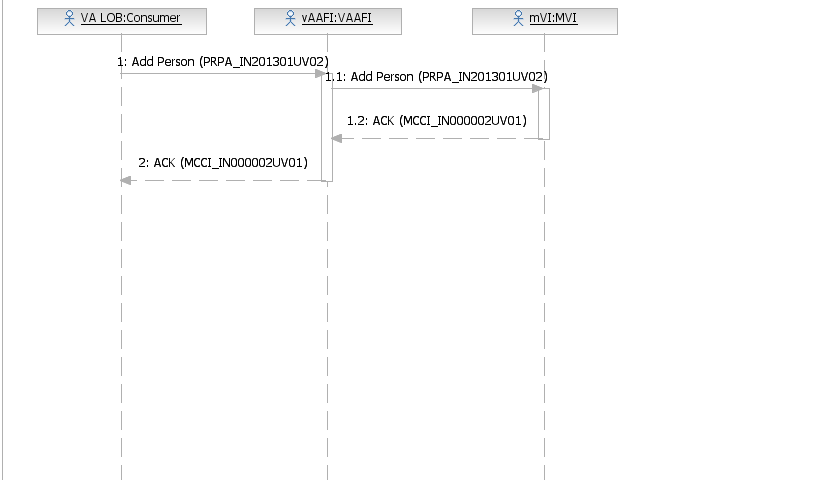
Using Find Candidate to get the ICN

Add Person - Using Find Candidate to get the ICN Figure

Using GetCorrespondingIDs to get the ICN

Use Get Corresponding Ids to get the ICN Figure

### Add Person (Implicit Add with Search)



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

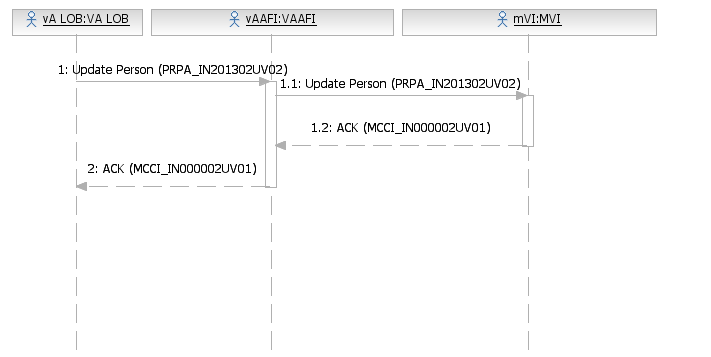
The assumption is using this service functionality is that the consumer has already performed a FindCandidates search in an attended mode and user has determined that the returned results do not have the person, so the user explicitly adds the record. The sequence diagram below reflects the requirement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

Add Person (Explicit Add with No Search) Figure

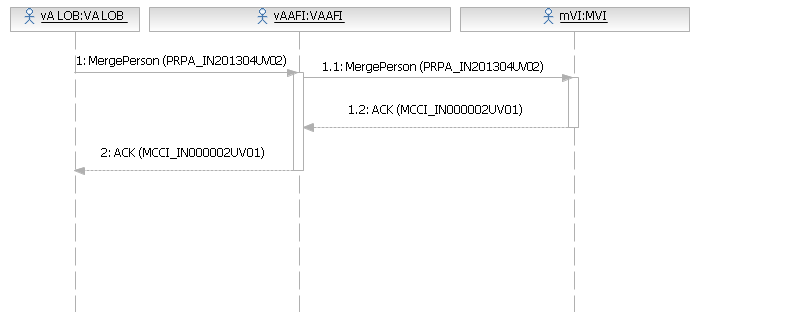
### Proxy Add to VistA

Proxy Add to VistA Figure

### Update Person



### Merge from VA LOB



# MVI Message Payload Headers

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

## 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 MVI service to control more fine grain operation access controls as well as message monitoring by consumer

### 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\_MVI”/>  </device>  </sender> |

### 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 extension attribute. |
| //creationTime | Add Person  Update Person  Search Person  GetCorrespondingIDs | 1..1 | TS |  | Digits: 0 – 9 YYYYMMDDHHMMSS  <creationTime value=”20070810140900” /> | Time stamp representing the time the message was created. Note that this is different from the time when the event which triggered 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 |  | * 1301- Add Person = PRPA\_IN201301UV02 * 1301 – Add Person Response = MCCI\_IN000002UV01 * 1302 – Update Person = PRPA\_IN201302UV02 * 1302 – Update Person Response = MCCI\_IN000002UV01 * 1305 – Search Person = PRPA\_IN201305UV02 * 1306 – Search Response = PRPA\_IN201306UV02 * 1309 –GetCorIds = PRPA\_IN201309UV02 * 1310 – GetCorIds Response = PRPA\_IN201310UV02 | The HL7 Interaction ID represented by this message The extension value will be based on the event.  Example:  interactionId <root="2.16.840.1.113883.1.6" extension="PRPA\_IN201309UV02" /> |
| //processingCode | Add Person  Update Person  Search Person  GetCorrespondingIDs | [1..1] | CS |  | **D – Debugging**  **T – Training**  **P – Production** | This attribute defines whether the message is part of a production, training, or debugging system.  Example:  <processingCode code="T" /> |
| //processingModeCode | Add Person  Update Person  Search Person  GetCorrespondingIDs | 1..1 | CS |  | **T – Current Processing**  A=Archive  I=Initial  R=Restore from Archive | This attribute defines whether the message is being sent in current processing, archive mode, initial load mode, restore from archive mode, etc  Example:  <processingModeCode code="T" /> |
| //acceptAckCode | Add Person  Update Person  Search Person  GetCorrespondingIDs | 1..1 | CS |  | **AL – Always**  ER - On Error/reject only  NE -Never Send  Default is “AL” for request  Default is “NE” for response | 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.  Example:  <acceptAckCode code="AL" /> |
| //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 assignes a unique identifier for the sender. The sender must provide this key value in this attribute for all HL7V3 transactions. |
| //reciever/device/telcom | Add Person  Update Person  Search Person | [0 ..\*] | String | 256 | Contractor Test (T): https://pkict.dmdc.osd.mil/<XXXX> .wsdl  Production (P) https://pkidws.dmdc.osd.mil/<XXXX>.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\_MVI"/>  </device>  </sender> |
| //sender//typeCode |  | 1..1 |  |  | SND |  |
| //sender//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 |
| //sender//device//determinerCode |  | 1..1 |  |  | INSTANCE | An HL7 defined value representing whether the Entity represents a kind-of or a specific instance.  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. |
| //sender//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 assignes a unique identifier for the sender. The sender must provide this key value in this attribute for all HL7V3 transactions. |
| //reciever/device/telcom | 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) |

## Message\_Response\_Header

The responses are included in each of the operation responses.

# 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.

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

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

### 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 |  |  |  | **Attributes:**  @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 |  | **new** | 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 attribute below.  The identifier is a caret (^) delimited value, consisting of four values in the following format.  (**ID**)^(**IDTYPE**)^ASSIGINGFACILITY^ASSIGNINGAUTHORITY  ***ID*** Unique patient id number.  **ID** **TYPE** The type of identifier (PI=Patient, EI=Employee, NI=National, PN=PersonNumber)  **ASSIGNINGFACILITY** 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. **ASSIGNINGAUTHORITY** The organization that issued the identifier. May represent a code identified by MVI Service |
| //controlActProcess//queryByParameter/parameterList//patientIdentifier//semanticText | GetCorrespondingIDs  Person Search | 1..1 | ST |  | **Patient.Id** | 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

|  |
| --- |
| **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”/>  **Sec Id**  <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"/>  **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"/> |

### 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://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=“2.16.840.1.113883.3.933” 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\_MVI"/>  </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://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="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\_MVI"/>  </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>  <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> |

### 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://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="2.16.840.1.113883.3.933" 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\_MVI"/>  </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> |

#### 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="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\_MVI"/>  </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>  <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> |

### 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> |

#### 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> |

### GetCorrespondingIDs Response (1310) Details

MVI 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 |  | |  | |  | **Attribute:**  @NullFlavor (optional)  **Element:**  typeCode (required) +  messageWaitingNumber (optional) +  messageWaitingPriorityCode (optional) +  targetMessage (required) +  acknowledgementDetail (required) |  |
| //acknowledgement/typeCode | GetCorrespondingIDs | 1..1 | | CS | | 2 | **Element:**  AA – Application Accept  AE – Application Error  AR – Application Reject | **AA –** successfully processed the message  **AE** – failed to process the message due to data or service business rules  **AR** - 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. . **Note: AR is to be used with error code INTERR** |
| //acknowledgement//targetMessage//id | GetCorrespondingIDs | 1..1 | II | | |  | Root (required) + extension (required) | Unique message identifier of the transmission |
| //acknowledgement//acknowledgementDetail | GetCorrespondingIDs | 0..\* |  | | |  | **Attributes:**  @NullFlavor (optional) + @typecode (optional) | Used to return error message back to the consumer. |
| //acknowledgement/acknowledgementDetail/code | GetCorrespondingIDs | 0..1 | | | CE |  | **Element:**  code (optional) +  codeSystem (optional) +  codeSystemName (optional) +  codeSystemVersion (optional) +  displayName (optional) | **For consumers greater using versionCode 2.0 or greater**  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 | **For consumers greater using versionCode 2.0 or greater**  Used to return error message back to the consumer.  Example:  <text><![CDATA[Invalid ICN format: 2010010401V61630]]></text>  <text><![CDATA[Correlation Does Not Exist:gov.va.med.person.idmgmt.QualifiedIdentifierImpl@d40856[12345,PI,USVHA,500]]]></text>  **Key204 text will be:**  **\*** Unknown Key Identifier <<value>>  **SYN102 text will be:**  **\*** Data element <<value>> is not of type <<type>>  **NS250 text will be:**  \* IdM only supports a T mode  **NS202 text will be either**  \* ProcessingCode passed is <<value>> and IdM Service is set to <<value>>  **INTERR text will be:**  \* Internal System error |
| //controlActProcess | GetCorrespondingIDs |  | | |  |  | **Attributes:**  @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.  **classCode Default = CACT**  A service that actually happens, may be an ongoing service or a documentation of a past service.  **moodCode Default = EVN** | |
| //controlActProcess/subject | GetCorrespondingIDs | 1..1 | | |  |  | **Attributes:**  @nullFlavor (optional) +  @classCode (required Fixed) +  @contextConductionInd (optional) | Fixed classCode = “**SUBJ**” | |
| //controlActProcess/subject/registrationEvent | GetCorrespondingIDs | 1..1 | | |  |  | **Attributes:**  @nullFlavor (optional) + @**classCode (required Fixed)** + @**moodCode (required Fixed)** | 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 |  | **Element:**  Default = "**active**" | Default = "**active**" | |
| //controlActProcess/subject/registrationEvent/subject1 |  | 1..1 | | |  |  | **Attributes:**  @nullFlavor (optional) +  @typeCode (required) | Default = "**SBJ**" | |
| //controlActProcess/subject/registrationEvent/subject1/patient |  |  | | |  |  | **Attributes:**  @nullFlavor (optional) + @**classCode (required Fixed)** | classCode = "**PAT**" | |
| //controlActProcess/subject/registrationEvent/subject1/patient/id | GetCorrespondingIDs | 0..\* | | | II |  | Root (required) +  extension (required) | Root would include the appropriate OID value.  Extension would include the identifier in the format listed below:  **ID**^**TYPE**^**SOURCE^ISSUER^IDSTATUS**  IDSTATUS can be one of the following statuses:  **P**-Permanent ICNs  **A**-Active Correlations  **H**-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.  **L** – 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 (**implemented in 4.1 or higher**)  **PCE**-Pending Cat Edit correlations  Note: Deprecated ICNs will be passed in the replacementOf stanza. | |
| //controlActProcess/subject/registrationEvent/subject1/patient/statusCode | GetCorrespondingIDs | 1..1 | | | CS |  | **Element:**  Default = "**active**" | Default = "**active**" | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson | GetCorrespondingIDs | 1..\* | | | PN |  | **Attributes:**  @nullFlavor (optional) +  @classCode (required fixed) +  @determinerCode (required fixed)  **Element:**  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 | | |  |  | **Attributes:**  @nullFlavor (optional) +  @typeCode (required fixed) +  @contextControlCode (optional fixed)  **Element:**  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..\* | | |  |  | **Attributes:**  @nullFlavor (optional) +  @typeCode (required fixed) | Link Event  Default typeCode = "RPLC" | |
| //controlActProcess/subject/registrationEvent/replacementOf/priorRegistration | GetCorrespondingIDs | 1..1 | | |  |  | **Attributes:**  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:  *<id root="2.16.840.1.113883.3.42.10001.100001.12" extension="100045632" />* | |
| //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) – | |

### HL7V3 1310 Error Response - Samples

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

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

|  |
| --- |
| <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="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\_MVI"/>  </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> |

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

|  |
| --- |
| <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="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\_MVI"/>  </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[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> |

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

|  |
| --- |
| <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="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\_MVI"/>  </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[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> |

## 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>

### 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..\* |  |  | **Elements:**  keyWordText (optional) +  **value (required )**  In order to support VBA Orchestration MVI’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 precending search/retrieve  <attentionLine>  <keyWordText>Search.Token</keyWordText>  <value>WSDOC1409041213232541745020308</value>  </attentionLine> |
| //controlActProcess | Add Person |  |  |  | **Attributes:**  @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.  **classCode Default = CACT**  A service that actually happens, may be an ongoing service or a documentation of a past service.  **moodCode Default = EVN** |
| //controlActProcess/dataEnterer | Add 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 | Add Person | 1..1 |  |  | **Attributes:**  @nullFlavor (optional) +  **@classCode (required)** | 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 |  |  | **Attributes:**  @nullFlavor (optional) +  @classCode (required Fixed) +  @contextConductionInd (optional) | Fixed classCode = “SUBJ” |
| //controlActProcess/subject/registrationEvent | Add Person | 1..1 |  |  | **Attributes:**  @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 |  |  |  | **Attributes:**  @nullFlavor (optional) + @**classCode (required Fixed)** | classCode = "**PAT**" |
| //controlActProcess/subject/registrationEvent/subject1/patient/id | Add Person | 0..\* | II |  | Root (required) + extension (required) | nullFlavor  **ASKU– Asked But Unknown** 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 **explicitly** wanting to create/add a new record  **UNK – Unknown** IdM Service will generate and assign a new Enterprise ID for the submitted profile after performing a **implicit** search.  VA  This value may be required depending on the specific use of the transaction.  **Please refer to the Add Flows section** |
| //controlActProcess/subject/registrationEvent/subject1/patient/statusCode | Add Person | 1..1 | CS |  | **Element:**  Default = "**active**" | Default = "**active**" |
| //controlActProcess/subject/registrationEvent/subject1/patient/subjectOf | Add Person | 0…\* |  |  |  |  |
| //controlActProcess/subject/registrationEvent/subject1/patient/subjectOf/administrativeObservation | Add Person | 1…1 |  |  | **classCode = “VERIF”**  **code** | 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 |  |  | Code:   * SSA\_SSN\_STATUS * DOD\_SOURCE * DOD\_Entered\_DT * DOD\_DT\_ Updated * DOD\_Supporting\_Document * DOD\_Supporting\_Document * DC * SPROD * CR * DCUSG * CSUSG * ORUS * NDUCROD * NDPRA * NDCEOR * NODAP * NODOF * NO DOFAF * UACCM * NCAEF * SDMF * MPS * BST * EC * INPTD * DOD\_Option\_Used * PERSON\_TYPE   (See section 5.4 for values)  IIP |
| //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 |  |  | **SSA\_SSN\_STATUS**  **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.  **DOD\_SOURCE**   * VAMC Inpatient Death * Spouse/Next of Kin/Other Person * NCA * Corp * SSA DMF * EVVE Query   **DOD\_Entered\_DT**  **DOD\_DT\_ Updated**  **DOD\_Supporting\_Document**   * VAMC EHR Inpatient Death * Death Certificate * State Public Record of Death * Coroner's Report * Death Certificate US Govt * Clinical Summary US Govt * Official Report Uniformed Service * NonUS Death US Consular Report of Death * NonUS Death Public Record Authenticated * NonUS Death Civilian Employee Official Report * No Other 38 CFR Documentation Affidavit Provided * No Other 38 CFR Documentation Official Finding * No Other 38 CFR Documentation Other Federal Agency Finding * Unexplained Absence 38 CFR § 3.212 Criteria Met * NCA Electronic File * SSA DMF * EVVE Certification   **DOD\_Option**\_**Used** – Free Text 1 - 30  **PERSON\_TYPE** – SET OF CODES  **VET**  = Veteran  **ACR** = ACCREDITED REPRESENTATIVE  **AFF**  = AFFILIATE  **ASI**  = ASSOCIATED INDIVIDUAL  **CON**  = CONTRACTOR  **DEP**  = DEPENDENT  **EMP**  = EMPLOYEE  **GUA**  = GUARDIAN  **HPT**  = HEALTH PROFESSIONAL TRAINEE  **PAT**  = PATIENT  NOTES:  1 Implement in March 2015 |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/name | Add Person | 1..\* | PN |  | Use (required attribute) + delimiter (optional) + given (optional and repeatable element) + family (required element) + prefix (optional element) + suffix (optional element)  **L – Legal** Legal Name **P–Alias** Alias Name **C –Maiden Name** Mothers maiden name  **ASGN –Preferred Name** Preferred name  First instance of this element is Firstname.  Second instance of this element is MiddelName. | 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.  Example:  **Legal Name**  <name use="L">  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  \*\*\* Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor  <given nullFlavor="NA"/>  **Maiden Name (Family Name is only used in most cases)**  <name use="C">  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  **Pseudo/Alias Name** (**delimiter element is used to support a pair-wise mapping from Alias Name to Alias SSN**)  <name use="P">  <delimiter>100</delimiter >  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  **Preferred Name**  If a Consumer sends ALL pieces… we use ALL PIECES into a COMBINED field, i.e. Super Cool Dad  **<name use="ASGN">**                  <given>Super</given>  first                  <given>Cool</given>  middle                  <family>Dad</family> last                </name>  If a Consumer sends ONLY the FIRST GIVEN it still works the same… i.e. the COMBINED field will just be “Super”  **<name use="ASGN">**                  <given>Super</given>  first                </name>  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”  **<name use="ASGN">**                  <given>Super</given>  first                  <family>Dad</family> last                </name> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/telecom | Add Person | 0..\* | TEL |  | **Use = "HP" = Home Phone**  Use = “WP” Work Phone  Use = “PUB” Fax number | 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 | Add Person | 0..1 | CE |  | **M = Male**  **F = Female** | This should contain the patient's/person's gender.  Example:  <administrativeGenderCode code="M" /> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/birthTime | Add Person | 0..1 | TS |  | Digits: 0 - 9 YYYY[[MM]DD] | This should contain the patient's/person's date of birth.  Example:  <birthTime value="19500101" />  <birthTime value="195001" />  <birthTime value="19500101" /> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/birthPlace | Add Person | 0..1 | BL |  | **Attributes:**  @NullFlavor (optional) +  @classCode (optional) (fixed = “BIRTHPL”) | Describes persons birth place |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/birthplace/addr | Add Person | 0..1 | AD |  | streetAddressLine (free text)  city (free text)  state (FIPS)  country (ISO 3166-3). | city (free text)  state (FIPS)  country (ISO 3166-3). |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/deceasedtime | Add Person | 0..1 | TS |  | *YYYY***-***MM***-***DD***T***hh***:***mm***:***ss* | This should contain the patient's/person's date of death  Example:  <deceasedTime value="20110618" /> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/multiBirthInd | Add 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/multipleBirthOrderNumber | Add Person | 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 | Add Person | 0..\* | AD |  | Use (required) + streetAddressLine (optional repeat 3 times) + city + state + postalCode + country  Default use = "HP" Home Address  Default use = "WP" Work Address  streetAddressLine (free text)  city (free text)  state (FIPS alpha code)  country (ISO 3166- alpha 3)  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) MVI will only utilize the first one in the list! | Describes all of a patient/person’s associated addresses.  Example:  <addr use="HP">  <streetAddressLine>23456 34562 Street</streetAddressLine>  <city>Chicago</city>  <state>IL</state>  <country>USA</country>  <postalCode>33333</postalCode>  </addr> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/raceCode | Add Person | 0..\* | CE |  |  | Describes the race to which this patient/person belongs. See section 5.4 for valid values and descriptions.  Example:  <raceCode code="2076-8"/>  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 |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/ethnicGroupCode | Add Person | 0..\* | CE |  |  | Describes the ethnicity to which this patient/person belongs. See section 5.4 for valid values and descriptions.  Example:  <ethnicGroupCode code="9999-4"/>  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 |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs | Add Person |  |  |  | **Attributes:**  @nullFlavor (optional) + @classCode (required) | classCode  **PAT** Patient identifier   **SSN or CIT** Social Security Number  **ALIAS\_SSN\_nnn (pair-wise with Alias Name where nnn will map to the delimiter value of the Alias Name)**  **The following classCodes below are only used by VA MVI to support a Proxy Add to VistA:**  **preferredFacilityNumber  patientServiceConnected**  **patientType**  **AFFL** – Affiliated Person (for DoD TIN and FIN)  **MIL** for Military Person (for DoD PIN)  **Specific values to support Provider Proxy Adds:**  **DEGREE** – Provider’s degree (see sectin 8.2.5.2 for values)  **AuthWriteMedOrders** – default value if DEA# is provided is “yes”  **ProviderClass** – Provider class (see sectin 8.2.5.2 for values)  **ProviderType** – Provider type see sectin 8.2.5.2 for values)  **PersonClass** – Person Class see sectin 8.2.5.2 for values. X12 value is to be passed)  **DetoxMaintNumber** – Detox/Maintenance Number  **Remarks** – Provider related remarks  **NonVAPrescriber** – Yes/No value  **ITIN** – SSA Individual Tax identification Number  **Sched\_Narcotic –** Scheduled Narcotic values (Schedule II, III, IV, V, II non Narcotic, III non Narcotic)  **NPI** – National Provide Index  **DEA\_NUMBER** – Drug Enforcement Agency Number  **classCode values by versionCode:**  **PAT** - all versions..  **CIT** - to DOD v2.0 and above  - to replace SSN for all consumers 4.0 or higher  **SSN** - versioncode under 4.0  **AFFL** – to DOD v2.0 and above  **MIL** - future version not yet defined  **ALIAS\_SSN\_nnn** - all versions…  **preferredFacilityNumber –** all versions **patientServiceConnected -** all versions  **patientType -** all versions |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/id | Add Person | 1..\* | II |  | Root (required) + extension (required) | Patient identifier adhears to the following id format.  **ID (required)**^**TYPE**^**SOURCE^ISSUER**  **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.**  **Orchestration:**  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.  Proxy Adds  **VistA PATIENT#2**  PROXY\_VISTA^PI^523^USVHA"  **VistA NEW PERSON #200**  PROXY\_VISTA^PN^523^USDVA"  **VBA PROXY ADD CLAIMANT**  PROXY\_ADD^PI^200VBA^USVBA  **DEA**  <id extension="F91234567" root="2.16.840.1.113883.4.814" />  **NPI**  <id extension="1234567890^NI^200ENPI^USDVA" root="**2.16.840.1.113883.4.6**" />  **SSA**  <id extension="9123456789" root="2.16.840.1.113883.4.1/>  **ITIN**  <id extension="9123456789" root="2.16.840.1.113883.4.2/>  **Specific values to support Provider Proxy Adds:**  **Title** – default value is NON-VA PROVIDER  **Degree** – Provider’s degree  **Provider\_Discipline** Provider’s Discipline  Authorized\_Med\_Orders – Provider authorized to write med orders  **Provider\_Class** – Provider class  **Provider\_Type** – Provider type  **Person\_Class** – Person Class (X12 value)  **Schedule\_Info** – Schedule Information  **Detox\_Maint\_Number** – Detox/Maintenance Number  **Remarks** – Provider related remarks  **NonVAPrescriber**– Yes/No value  **Sched\_Narcotic –** Scheduled Narcotic values (Schedule II, III, IV, V, II non Narcotic, III non |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/statusCode | Add Person | 0..1 | CS |  | **Element:**  SSN Verification Status = “SSN Verification status”  Proofing Level of Assurance = “LOA” | NPI statusCode:  **Active**  **Inactive**  DEA statusCode:  **Active**  **Inactive**  For support for passing SSN Verification Status use classCode = "SSN" and statusCode =  **0 -** New **1 -** In Process  **2 -** Invalid  **3 -** Resend  **4 –** Verified  For support of passing LOA (Identity Proofing Level of Assurance) use classCode = “PAT” and statusCode =  **1** – Little or No confidence  **2** – Some confidence  **3** – High confidence  **4** – very high confidence  **Provider Proxy Add**:  **Title values**:  NON\_VA\_PROVIDER  **Provider\_Discipline:**    **Degree** – Provider’s degree  **Provider\_Discipline** Provider’s Discipline  Authorized\_Med\_Orders – Provider authorized to write med orders  **Provider\_Class** – Provider class  **Provider\_Type** – Provider type  **Person\_Class** – Person Class (X12 value)  **Schedule\_Info** – Schedule Information  **Detox\_Maint\_Number** – Detox/Maintenance Number  **Remarks** – Provider related remarks  **NonVAPrescriber**– Yes/No value  **Sched\_Narcotic –** 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 |  | **Date/time stamp** | 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 |  |  | **Attributes:**  @nullFlavor (optional) + @**classCode (required) + @determinerCode (required fixed)** | classCode default = "ORG"  **INSTANCE – specific** 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//providerOrganization | Add Person | 1..1 |  |  | **Attributes:**  @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 |  |  | **Attributes:**  @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> |

### Add Person (Add Correlation)

This is the default flow of the MVI 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 MVI 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"/>

### 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 MVI Service. The MVI 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 MVI business rules.

1. The ICN is NOT returned on the MMC ACK response.
2. The Patient <ID> NullFlavor will be “UNK”
3. **[Null Flavor Example]**  
   <patient classCode="PAT">

<id nullFlavor="UNK"/>

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

|  |
| --- |
| <PRPA\_IN201301UV02 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\_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\_MVI" />  </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> |

### 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 MVI 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 MVI Service search and has determined that no MVI record exists for their Person.

* 1. No MVI search is performed prior to the add by MVI.
  2. ICN is returned on ACK MMC response.
  3. The Patient <ID> NullFlavor will be “**ASKU**”   
     **[Null Flavor Example]**  
     <patient classCode="PAT">

<id nullFlavor="ASKU"/>

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

|  |
| --- |
| <PRPA\_IN201301UV02 xmlns="urn:hl7-org:v3" xmlns:ps="<http://vaww.oed.oit.va.gov>" xmlns:xsi="[http://www.w3.org/2001/XMLSchema- instance](http://www.w3.org/2001/XMLSchema-%20instance)" 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="htt//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 Hl7v3 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 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>  </PRPA\_IN201301UV02> |

### Add Person (Proxy Add Patient)

1. ICN and Preferred Facility Number are supplied.
2. 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

#### 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 MVI 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://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\_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 Hl7v3 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 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>  </PRPA\_IN201301UV02> |

#### 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 MVI 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.  **If we get a name longer than 35 truncate it and continue on also make sure is all uppercase letters** |
| NPI | Required | String |  | NULL | MVI 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 | **if receive something other than M or F just convert to null** |
| 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 MVI will default the value to NON-VA PROVIDER |
| Title | Optional | String | 3-30 | NON-VA PROVIDER | VistA Pointer (#3.1)  MVI 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 MVI 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 + "^" + 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

BACHELOR OF SCIENCE BS

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 MIDICAL ASSISTANT RMA

REGISTERED PHARMACIST RPH

RESIDENCY/FELLOWSHIP RES

SECRETARIAL CERTIFICATE SEC

TRADE SCHOOL GRADUATE TS

**Provider Class**

ABBREV.

NAME TITLE

--------------------------------------------------------------------------------

DENTIST DDS

DO DO

FELLOW MD

INTERN MD

LPN LPN

NON-DEGREED 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 124Q00000X

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 163WW0101X

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 & Advanced Practice Nursing 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 & Advanced Practice Nursing 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 & Advanced Practice Nursing 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

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Allopathic and Osteopathic Physicians V181009 207RG0100X

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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

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Allopathic and Osteopathic Physicians V181016 207RM1200X

Allopathic and Osteopathic Physicians V181018 207RN0300X

Allopathic and Osteopathic Physicians V181019 207RP1001X

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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

Allopathic and Osteopathic Physicians V182200 207Y00000X

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Allopathic and Osteopathic Physicians V182201 207YS0123X

Allopathic and Osteopathic Physicians V182206 207YX0007X

Allopathic and Osteopathic Physicians V182202 207YX0602X

Allopathic and Osteopathic Physicians V182204 207YX0901X

Allopathic and Osteopathic Physicians V182203 207YX0905X

Allopathic and Osteopathic Physicians V182403 207ZB0001X

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Allopathic and Osteopathic Physicians V182404 207ZP0104X

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Allopathic and Osteopathic Physicians V182414 207ZP0213X

Allopathic and Osteopathic Physicians V182500 208000000X

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Allopathic and Osteopathic Physicians V182502 2080I0007X

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Allopathic and Osteopathic Physicians V182511 2080P0205X

Allopathic and Osteopathic Physicians V182512 2080P0206X

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Allopathic and Osteopathic Physicians V182514 2080P0208X

Allopathic and Osteopathic Physicians V182515 2080P0210X

Allopathic and Osteopathic Physicians V182516 2080P0214X

Allopathic and Osteopathic Physicians V182517 2080P0216X

Allopathic and Osteopathic Physicians V182522 2080S0010X

Allopathic and Osteopathic Physicians V182504 2080T0002X

Allopathic and Osteopathic Physicians V182600 208100000X

Allopathic and Osteopathic Physicians V182603 2081P0004X

Allopathic and Osteopathic Physicians V182602 2081P0010X

Allopathic and Osteopathic Physicians V182601 2081P2900X

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Allopathic and Osteopathic Physicians V182700 208200000X

Allopathic and Osteopathic Physicians V182701 2082S0099X

Allopathic and Osteopathic Physicians V182702 2082S0105X

Allopathic and Osteopathic Physicians V182801 2083A0100X

Allopathic and Osteopathic Physicians V182807 2083P0011X

Allopathic and Osteopathic Physicians V182804 2083P0500X

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Allopathic and Osteopathic Physicians V182803 2083X0100X

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Allopathic and Osteopathic Physicians V182904 2084N0600X

Allopathic and Osteopathic Physicians V182907 2084P0005X

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Allopathic and Osteopathic Physicians V182902 2084P0802X

Allopathic and Osteopathic Physicians V182903 2084P0804X

Allopathic and Osteopathic Physicians V182906 2084P0805X

Allopathic and Osteopathic Physicians V182910 2084P2900X

Allopathic and Osteopathic Physicians V182912 2084S0010X

Allopathic and Osteopathic Physicians V182913 2084V0102X

Allopathic and Osteopathic Physicians V183001 2085B0100X

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Allopathic and Osteopathic Physicians V183006 2085P0229X

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Allopathic and Osteopathic Physicians V183002 2085R0202X

Allopathic and Osteopathic Physicians V183009 2085R0203X

Allopathic and Osteopathic Physicians V183010 2085R0204X

Allopathic and Osteopathic Physicians V183008 2085R0205X

Allopathic and Osteopathic Physicians V183003 2085U0001X

Allopathic and Osteopathic Physicians V183100 208600000X

Allopathic and Osteopathic Physicians V183104 2086S0102X

Allopathic and Osteopathic Physicians V183103 2086S0105X

Allopathic and Osteopathic Physicians V183101 2086S0120X

Allopathic and Osteopathic Physicians V183102 2086S0122X

Allopathic and Osteopathic Physicians V183106 2086S0127X

Allopathic and Osteopathic Physicians V183107 2086S0129X

Allopathic and Osteopathic Physicians V183105 2086X0206X

Allopathic and Osteopathic Physicians V183400 208800000X

Allopathic and Osteopathic Physicians V180400 208C00000X

Allopathic and Osteopathic Physicians V180800 208D00000X

Allopathic and Osteopathic Physicians V183200 208G00000X

Allopathic and Osteopathic Physicians V180900 208M00000X

Allopathic and Osteopathic Physicians V180300 208U00000X

Allopathic and Osteopathic Physicians V182302 208VP0000X

Allopathic and Osteopathic Physicians V182301 208VP0014X

Allopathic and Osteopathic Physicians V181100 209800000X

Respiratory, Rehabilitative and Restorative Service Providers V130701 2278C0205X

Respiratory, Rehabilitative and Restorative Service Providers V130703 2278E0002X

Respiratory, Rehabilitative and Restorative Service Providers V130702 2278E1000X

Respiratory, Rehabilitative and Restorative Service Providers V130705 2278G0305X

Respiratory, Rehabilitative and Restorative Service Providers V130704 2278G1100X

Respiratory, Rehabilitative and Restorative Service Providers V130706 2278H0200X

Respiratory, Rehabilitative and Restorative Service Providers V130710 2278P1004X

Respiratory, Rehabilitative and Restorative Service Providers V130712 2278P1005X

Respiratory, Rehabilitative and Restorative Service Providers V130711 2278P1006X

Respiratory, Rehabilitative and Restorative Service Providers V130708 2278P3800X

Respiratory, Rehabilitative and Restorative Service Providers V130707 2278P3900X

Respiratory, Rehabilitative and Restorative Service Providers V130709 2278P4000X

Respiratory, Rehabilitative and Restorative Service Providers V130713 2278S1500X

Respiratory, Rehabilitative and Restorative Service Providers V130801 2279C0205X

Respiratory, Rehabilitative and Restorative Service Providers V130803 2279E0002X

Respiratory, Rehabilitative and Restorative Service Providers V130802 2279E1000X

Respiratory, Rehabilitative and Restorative Service Providers V130805 2279G0305X

Respiratory, Rehabilitative and Restorative Service Providers V130804 2279G1100X

Respiratory, Rehabilitative and Restorative Service Providers V130806 2279H0200X

Respiratory, Rehabilitative and Restorative Service Providers V130810 2279P1004X

Respiratory, Rehabilitative and Restorative Service Providers V130812 2279P1005X

Respiratory, Rehabilitative and Restorative Service Providers V130811 2279P1006X

Respiratory, Rehabilitative and Restorative Service Providers V130808 2279P3800X

Respiratory, Rehabilitative and Restorative Service Providers V130807 2279P3900X

Respiratory, Rehabilitative and Restorative Service Providers V130809 2279P4000X

Respiratory, Rehabilitative and Restorative Service Providers V130813 2279S1500X

Technologists, Technicians and Other Technical Service Providers V151200 246X00000X

Technologists, Technicians and Other Technical Service Providers V151201 246XC2901X

Technologists, Technicians and Other Technical Service Providers V151203 246XC2903X

Technologists, Technicians and Other Technical Service Providers V151202 246XS1301X

Technologists, Technicians and Other Technical Service Providers V130901 2471B0102X

Technologists, Technicians and Other Technical Service Providers V130902 2471C1106X

Technologists, Technicians and Other Technical Service Providers V130903 2471V0105X

Technologists, Technicians and Other Technical Service Providers V130904 2471V0106X

Physician Assistants and Advanced Practice Nursing Providers V100700 367H00000X

Nursing Service Related Providers V170800 372500000X

Nursing Service Related Providers V170700 372600000X

Nursing Service Related Providers V170900 373H00000X

Nursing Service Related Providers V170602 3747A0650X

Hospitals 282N00000X

Ambulatory Health Care Facilities 261QV0200X

Suppliers 332100000X

Agencies 251300000X

Agencies 251B00000X

Agencies 251S00000X

Agencies 251C00000X

Agencies 252Y00000X

Agencies 251E00000X

Agencies 251F00000X

Agencies 251G00000X

Agencies 251J00000X

Agencies 251T00000X

Agencies 251K00000X

Agencies 251X00000X

Agencies 251V00000X

Ambulatory Health Care Facilities 261Q00000X

Ambulatory Health Care Facilities 261QM0855X

Ambulatory Health Care Facilities 261QA0600X

Ambulatory Health Care Facilities 261QM0850X

Ambulatory Health Care Facilities 261QA0005X

Ambulatory Health Care Facilities 261QA0006X

Ambulatory Health Care Facilities 261QA1903X

Ambulatory Health Care Facilities 261QA0900X

Ambulatory Health Care Facilities 261QA3000X

Ambulatory Health Care Facilities 261QB0400X

Ambulatory Health Care Facilities 261QC1500X

Ambulatory Health Care Facilities 261QC1800X

Ambulatory Health Care Facilities 261QC0050X

Ambulatory Health Care Facilities 261QD0000X

Ambulatory Health Care Facilities 261QD1600X

Ambulatory Health Care Facilities 261QE0002X

Ambulatory Health Care Facilities 261QE0800X

Ambulatory Health Care Facilities 261QE0700X

Ambulatory Health Care Facilities 261QF0050X

Ambulatory Health Care Facilities 261QF0400X

Ambulatory Health Care Facilities 261QG0250X

Ambulatory Health Care Facilities 261QH0100X

Ambulatory Health Care Facilities 261QH0700X

Ambulatory Health Care Facilities 261QI0500X

Ambulatory Health Care Facilities 261QL0400X

Ambulatory Health Care Facilities 261QM1200X

Ambulatory Health Care Facilities 261QM2500X

Ambulatory Health Care Facilities 261QM3000X

Ambulatory Health Care Facilities 261QM0801X

Ambulatory Health Care Facilities 261QM2800X

Ambulatory Health Care Facilities 261QM1000X

Ambulatory Health Care Facilities 261QM1103X

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Ambulatory Health Care Facilities 261QM1102X

Ambulatory Health Care Facilities 261QM1100X

Ambulatory Health Care Facilities 261QM1300X

Ambulatory Health Care Facilities 261QX0100X

Ambulatory Health Care Facilities 261QX0200X

Ambulatory Health Care Facilities 261QX0203X

Ambulatory Health Care Facilities 261QS0132X

Ambulatory Health Care Facilities 261QS0112X

Ambulatory Health Care Facilities 261QP3300X

Ambulatory Health Care Facilities 261QP2000X

Ambulatory Health Care Facilities 261QP1100X

Ambulatory Health Care Facilities 261QP2300X

Ambulatory Health Care Facilities 261QP2400X

Ambulatory Health Care Facilities 261QP0904X

Ambulatory Health Care Facilities 261QP0905X

Ambulatory Health Care Facilities 261QR0200X

Ambulatory Health Care Facilities 261QR0206X

Ambulatory Health Care Facilities 261QR0208X

Ambulatory Health Care Facilities 261QR0207X

Ambulatory Health Care Facilities 261QR0800X

Ambulatory Health Care Facilities 261QR0400X

Ambulatory Health Care Facilities 261QR0404X

Ambulatory Health Care Facilities 261QR0401X

Ambulatory Health Care Facilities 261QR0405X

Ambulatory Health Care Facilities 261QR1100X

Ambulatory Health Care Facilities 261QR1300X

Ambulatory Health Care Facilities 261QS1200X

Ambulatory Health Care Facilities 261QS1000X

Ambulatory Health Care Facilities 261QU0200X

Hospital Units 273100000X

Hospital Units 275N00000X

Hospital Units 273R00000X

Hospital Units 273Y00000X

Hospital Units 276400000X

Hospitals 287300000X

Hospitals 281P00000X

Hospitals 281PC2000X

Hospitals 282NC2000X

Hospitals 282NC0060X

Hospitals 282NR1301X

Hospitals 282NW0100X

Hospitals 282E00000X

Hospitals 286500000X

Hospitals 2865C1500X

Hospitals 2865M2000X

Hospitals 2865X1600X

Hospitals 283Q00000X

Hospitals 283X00000X

Hospitals 283XC2000X

Hospitals 282J00000X

Hospitals 284300000X

Laboratories 291U00000X

Laboratories 292200000X

Laboratories 291900000X

Laboratories 293D00000X

Managed Care Organizations 302F00000X

Managed Care Organizations 302R00000X

Managed Care Organizations 305S00000X

Managed Care Organizations 305R00000X

Nursing & Custodial Care Facilities 311500000X

Nursing & Custodial Care Facilities 310400000X

Nursing & Custodial Care Facilities 3104A0630X

Nursing & Custodial Care Facilities 3104A0625X

Nursing & Custodial Care Facilities 317400000X

Nursing & Custodial Care Facilities 311Z00000X

Nursing & Custodial Care Facilities 311ZA0620X

Nursing & Custodial Care Facilities 315D00000X

Nursing & Custodial Care Facilities 310500000X

Nursing & Custodial Care Facilities 315P00000X

Nursing & Custodial Care Facilities 313M00000X

Nursing & Custodial Care Facilities 314000000X

Nursing & Custodial Care Facilities 3140N1450X

Residential Treatment Facilities 320800000X

Residential Treatment Facilities 320900000X

Residential Treatment Facilities 323P00000X

Residential Treatment Facilities 322D00000X

Residential Treatment Facilities 320600000X

Residential Treatment Facilities 320700000X

Residential Treatment Facilities 324500000X

Residential Treatment Facilities 3245S0500X

Respite Care Facility 385H00000X

Respite Care Facility 385HR2050X

Respite Care Facility 385HR2055X

Respite Care Facility 385HR2060X

Respite Care Facility 385HR2065X

Suppliers 331L00000X

Suppliers 332B00000X

Suppliers 332BC3200X

Suppliers 332BD1200X

Suppliers 332BN1400X

Suppliers 332BX2000X

Suppliers 332BP3500X

Suppliers 333300000X

Suppliers 332G00000X

Suppliers 332H00000X

Suppliers 332S00000X

Suppliers 332U00000X

Suppliers 332800000X

Suppliers 332000000X

Suppliers 332900000X

Suppliers 335U00000X

Suppliers 333600000X

Suppliers 3336C0002X

Suppliers 3336C0003X

Suppliers 3336C0004X

Suppliers 3336H0001X

Suppliers 3336I0012X

Suppliers 3336L0003X

Suppliers 3336M0002X

Suppliers 3336M0003X

Suppliers 3336N0007X

Suppliers 3336S0011X

Suppliers 335V00000X

Suppliers 335E00000X

Transportation Services 341600000X

Transportation Services 3416A0800X

Transportation Services 3416L0300X

Transportation Services 3416S0300X

Transportation Services 347B00000X

Transportation Services 341800000X

Transportation Services 3418M1120X

Transportation Services 3418M1110X

Transportation Services 3418M1130X

Transportation Services 343900000X

Transportation Services 347C00000X

Transportation Services 343800000X

Transportation Services 344600000X

Transportation Services 347D00000X

Transportation Services 347E00000X

Chiropractic Providers V020900 111NP0017X

Other Service Providers V082400 173C00000X

Other Service Providers V082500 173F00000X

Pharmacy Service Providers V090106 1835P0018X

Agencies 253J00000X

Allopathic & Osteopathic Physicians V180707 207QS1201X

Behavioral Health & Social Service Providers V010700 103K00000X

Respiratory, Rehabilitative and Restorative Service Providers V130110 225XG0600X

Respiratory, Rehabilitative and Restorative Service Providers V130111 225XM0800X

Respiratory, Rehabilitative and Restorative Service Providers V130112 225XP0019X

Respiratory, Rehabilitative and Restorative Service Providers V130113 225XE0001X

Respiratory, Rehabilitative and Restorative Service Providers V130114 225XF0002X

Respiratory, Rehabilitative and Restorative Service Providers V130115 225XL0004X

Respiratory, Rehabilitative and Restorative Service Providers V130116 224ZF0002X

Respiratory, Rehabilitative and Restorative Service Providers V130117 224ZL0004X

Respiratory, Rehabilitative and Restorative Service Providers V130118 224ZR0403X

Respiratory, Rehabilitative and Restorative Service Providers V130119 224ZE0001X

Technologists, Technicians & Other Technical Service Providers V153000 243U00000X

Agencies 253Z00000X

Behavioral Health & Social Service Providers V010422 103TH0004X

Allopathic & Osteopathic Physicians V182605 2081H0002X

Other Service V081902 174H00000X

Allopathic & Osteopathic Physicians V180506 2080C0008X

Nursing Service Related V170603 374J00000X

Nursing Service Related V170101 374K00000X

Allopathic & Osteopathic Physicians V182415 202K00000X

Allopathic & Osteopathic Physicians V182416 207ZC0006X

Pharmacy Service Providers V090108 1835X0200X

Pharmacy Service Providers V090107 1835G0303X

Transportation Services 344800000X

Technologists, Technicians & Other Technical Service V151002 242T00000X

Respiratory, Rehabilitative and Restorative Service Provider V130216 224900000X

Respiratory, Rehabilitative and Restorative Service Providers V130313 224L00000X

Other Service Providers 174200000X

Allopathic & Osteopathic Physicians V182107 207XP3100X

Other Service Providers Type V070850 174N00000X

Other Service Providers Type V081810 174V00000X

Allopathic & Osteopathic Physicians V181550 204R00000X

Other Service Providers V082201 170300000X

Allopathic & Osteopathic Physicians V181026 207RH0005X

Respiratory, Developmental, Rehabilitative and Restorative V130601 224Y00000X

Suppliers 335G00000X

Optometry V060808 390200000X

Podiatry V120213 390200000X

Allopathic & Osteopathic Physicians V181807 207VF0040X

Allopathic & Osteopathic Physicians V182914 2084B0040X

Allopathic & Osteopathic Physicians V183401 2088F0040X

Allopathic & Osteopathic Physicians V110403 207LP3000X

Behavioral Health & Social Service Providers V010423 102L00000X

Behavioral Health & Social Service Providers V010701 102X00000X

Chiropractic Providers V020601 111NR0400X

Allopathic & Osteopathic Physicians V180204 207LH0002X

Allopathic & Osteopathic Physicians V180205 207LP3000X

Allopathic & Osteopathic Physicians V180606 207PH0002X

Allopathic & Osteopathic Physicians V180708 207QB0002X

Allopathic & Osteopathic Physicians V180709 207QH0002X

Allopathic & Osteopathic Physicians V181022 207RB0002X

Allopathic & Osteopathic Physicians V181023 207RH0002X

Allopathic & Osteopathic Physicians V181024 207RS0012X

Allopathic & Osteopathic Physicians V181025 207RT0003X

Allopathic & Osteopathic Physicians V181808 207VB0002X

Allopathic & Osteopathic Physicians V181809 207VH0002X

Allopathic & Osteopathic Physicians V182207 207YS0012X

Allopathic & Osteopathic Physicians V182518 2080H0002X

Allopathic & Osteopathic Physicians V182519 2080S0012X

Allopathic & Osteopathic Physicians V182520 2080T0004X

Allopathic & Osteopathic Physicians V182609 2081N0008X

Allopathic & Osteopathic Physicians V182915 2084B0002X

Allopathic & Osteopathic Physicians V182916 2084B0040X

Allopathic & Osteopathic Physicians V182917 2084D0003X

Allopathic & Osteopathic Physicians V182918 2084H0002X

Allopathic & Osteopathic Physicians V182919 2084N0008X

Allopathic & Osteopathic Physicians V182920 2084P0015X

Allopathic & Osteopathic Physicians V182921 2084S0012X

Allopathic & Osteopathic Physicians V183011 2085D0003X

Allopathic & Osteopathic Physicians V183012 2085H0002X

Allopathic & Osteopathic Physicians V183108 2086H0002X

Allopathic & Osteopathic Physicians V183402 2088P0231X

Dental Providers V030101 125J00000X

Dental Providers V030102 125K00000X

Other Service Providers V080101 171M00000X

Other Service Providers V080400 172V00000X

Other Service Providers V080300 171R00000X

Other Service Providers V080600 172M00000X

Dental Providers V030490 1223D0004X

Ambulatory Health Care Facilities 261QB0400X

Allopathic & Osteopathic Physicians V180905 202C00000X

Other Service Providers V081501 175T00000X

Technologists, Technicians & Other Technical Service Providers V150222 246ZX2200X

Technologists, Technicians & Other Technical Service Providers V150223 246ZC0007X

Technologists, Technicians & Other Technical Service Providers V150224 246ZS0410X

|  |
| --- |
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### Proxy Add Veteran Claimant

A Proxy add request tells the MVI 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 MVI 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 MVI Service.  This Proxy Add request must contain a “SEARCH.TOKEN” that relates to the MVI 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 MVI 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**
   1. *<sender typeCode="SND">*
   2. *<device classCode="DEV" determinerCode="INSTANCE">*
   3. *<id extension="200TBD" root="2.16.840.1.113883.4.349" />*
   4. *</device>*
   5. *</sender>*
2. **Dataenterer – *Please adjust with the proper User Id and Name for the user performing the business process***
   1. *<id root="2.16.840.1.113883.3.2017" extension="vacojohnss4^PN^200M^USDVA" />*
   2. *<assignedPerson determinerCode="INSTANCE" classCode="PSN">*
   3. *<name>*
   4. *<given>Seth</given>*
   5. *<family>Vikash</family>*
   6. *</name>*
   7. *</assignedPerson>*
3. **BGS Credentials**
   1. *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.*
   2. *<representedOrganization classCode="ORG" determinerCode="INSTANCE">*
   3. *<id root="2.16.840.1.113883.4.349" extension="ExternalUid"/>*
   4. *<code code="ExternalKey"/>*
   5. *<desc>applicationName</desc>*
   6. *<telecom value="CLIENT\_MACHINE"/>*
   7. *</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**
   1. **attentionLine: Allows for traceability and reciprocal matching**
      1. 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 charactersis the limit.

#### Proxy Add Veteran Claimant Request Example

|  |
| --- |
| <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>  <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> |

#### Proxy Add Veteran Claimant Response Example

|  |
| --- |
| <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="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> |

### 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 |  |  |  | **Attribute:**  @NullFlavor (optional)  **Element:**  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 | **AA –** 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.  **AE** – 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.  **AR** - 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. **Note: AR is to be used with error code INTERR** |
| //acknowledgement/targetMessage//id | Add Person | 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 | Add Person |  |  |  | **Attribute(s):**  @nullFlavor (optional)  @typeCode (optional) | VA – not uses  DoD – uses E and W  I am unclear on the use of E and W and recommend that we not use this attribute |
| //acknowledgement/acknowledgementDetail/code | Add Person | 0..1 | CE |  | **Attributes:**  @code (optional) +  @codeSystem (optional) +  @codeSystemName (optional) +  @codeSystemVersion (optional) +  @displayName (optional) | **For consumers greater using versionCode 2.0 or greater**  code/codeSystem/displayName  **Key204**/ 2.16.840.1.113883.5.4/Unknown Key Identifier  **Key205**/ 2.16.840.1.113883.5.4/Duplicate 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  **SYN100**/ 2.16.840.1.113883.1.11.19639/ Required association missing  **SYN103**/ 2.16.840.1.113883.1.11.19639/ Value not found in code system  **SYN104**/ 2.16.840.1.113883.1.11.19639/ Invalid code system in CNE  **SYN110**/ 2.16.840.1.113883.1.11.19639/ Number of association repetitions exceeds limit  **SYN112**/ 2.16.840.1.113883.1.11.19639/Number of attribute repetitions exceeds limit  **NS200**/2.16.840.1.113883.1.11.19640/ Unsupported interaction  **NS202**/2.16.840.1.113883.1.11.19640/Unsupported ProcessingID  **NS203**/2.16.840.1.113883.1.11.19640/ Unsupported version id  **NS250**/2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode  **NS260**/2.16.840.1.113883.1.11.19640/ Unknown sender  **NS261**/2.16.840.1.113883.1.11.19640/ Unrecognized attentionline  **PNAUT000001**/ 2.16.840.1.113883.3.2017.11.6.1/Application authorization error  **PNGEN000001**/ 2.16.840.1.113883.3.2017.11.6.1/ Input attribute value is invalid  **PNUPDATE000002**/ 2.16.840.1.113883.3.2017.11.6.1/ Unauthorized person record update  **PNUPDATE000003**/ 2.16.840.1.113883.3.2017.11.6.1/ Improper Affiliation  **PNUPDATE000004**/ 2.16.840.1.113883.3.2017.11.6.1/ Partial record update  **PNUPDATE000005**/ 2.16.840.1.113883.3.2017.11.6.1/ ICN-EDI PI Correlation does not exist  **PNADD000001**/ 2.16.840.1.113883.3.2017.11.6.1/ Inconsistent person ID specified  VA current solution  fullyQualifiedID/MVI/IEN  fullyQualifiedID/MVI/PDT  fullyQualifiedID/MVI/IMT  fullyQualifiedID/MVI/ICN |
| //acknowledgement/acknowledgementDetail/text | Add Person | 0..1 | ED | ? | Free text | **For consumers greater using versionCode 2.0 or greater**  **Key204 text will be:**  **\*** Unknown Key Identifier <<value>>  **Key205** text will be:  **\*** Person Id <<value>> was identified as a duplicate to <<value>>. System already has that value associated with Id <<value>>  **INTERR text will be:**  \* Internal System error  **SYN100 text will be:**  **\*** Generic text explaining the issue  **SYN101** text will be:  **\*** Generic text explaining the issue  **SYN102 text will be:**  **\*** Data element <<value>> is not of type <<type>>  **SYN103 text will be:**  **\*** Generic text explaining the issue  **SYN104 text will be:**  **\*** Generic text explaining the issue  **SYN110 text will be:**  **\*** Generic text explaining the issue  **SYN112 text will be:**  **\*** Generic text explaining the issue  **NS200** text will be:  **\*** Unsupported interaction  **NS202 text will be either**  \* ProcessingCode passed is <<value>> and IdM Service is set to <<value>>  **NS203** text will be:  **\*** Unsupported version id  **NS250 text will be:**  \* IdM only supports a T mode  **NS260** text will be:  **\*** Unknown sender Or Invalid Site ID  **NS261** text will be:  **\*** Unrecognized attentionline  **PNAUT000001** text will be:  \* Application authorization error, Call your system administrator to check your server/system/application credentials (e.g. verify certificate common name hasn’t changed recently).  **PNGEN000001** text will be:  **\*** xpath of the data element (s) with invalid values  **PNUPDATE000002** text will be:  **\*** End user does not have the required credentials to update the specified person record  **PNUPDATE000003** text will be:  **\*** Updated person is not affiliated with the required organization  **PNUPDATE000004** text will be:  **\*** xpath of the data elements (s) that were not updated  **PNUPDATE000005** text will be:  **\*** Enterprise ID <<value>> passed is not linked to ID <<value>>  **PNADD000001** text will be:  **\*** Unable to associate Id <<value>> with person Id <<value>>. Id already exists under person Id <<value>> |

#### HL7V3 1301 – Request Sample

|  |
| --- |
| <PRPA\_IN201301UV02 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\_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\_MVI" />  </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="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>  <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> |

### 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\_MVI"/>  </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"**>

## Patient Registry Duplicates Resolved (1304/MCCI)

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

### 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) + **typeCode (required)** + ContextControlCode (optional) + noteText (optional) + time (optional) + assignedPerson (required) | Default typeCode = "ENT"  Default contextControlCode = "AP" |
| //controlActProcess/dataEnterer/assignedPerson/classCode | Merge Person | 1..1 |  |  | **ASSIGNED** | 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)  VA does not support this value but will support it in future releases |
| //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) + **classCode (required Fixed)** + **moodCode (required Fixed)** | 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) + **classCode (required Fixed)** | classCode = "**PAT**" |
| //controlActProcess/subject/registrationEvent/subject1/patient/id | Merge Person | 0..\* | II |  | Root (required) + extension (required) | **From VA MVI**  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  **PAT** - Patient identifier |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/id | Merge Person | 1..\* | II |  | Root (required) + extension (required) | Patient identifier adhears to the following id format.  **From VA MVI**  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) + **classCode (required) + determinerCode (required fixed)** | classCode default = "ORG"  **INSTANCE – specific** 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 | 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) | 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"  **Future implementation**  extension="553" />  <name>Albany VAMC</name>  <contactParty classCode="CON">  <telecom value="3425558394" />  </contactParty>  </providerOrganization> |
| //controlActProcess/subject/registrationEvent/subject1/patient//providerOrganization/id | Merge 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 | Merge Person | 1..1 |  |  | Attributes:  @nullFlavor (optional) +  @typeCode (required Fixed) | 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 | Merge Person | 0..\* |  |  | **Attributes:**  @nullFlavor (optional) +  @typeCode (required fixed) | Link Event  Default typeCode = "**RPLC**"  **MVI also supports (UPDT and MOV)**  Merge Event  typeCode = “**UPDT”**  Move Event  typeCode = **“MOV”** |
| //controlActProcess/subject/registrationEvent/replacementOf/priorRegistration | Merge Person | 1..1 |  |  | **Attributes:**  nullFlavor (optional) + **classCode (required Fixed)** + **moodCode (required Fixed)** | 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" /> |

### HL7V3 1304 Request – (Link)

The 1304 Link message is a notification from MVI 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"/>  <receiver typeCode="RCV">  <device classCode="DEV" determinerCode="INSTANCE">  <id extension="SITEKEY\_OBTAINED\_FROM\_MVI 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> |

### HL7V3 1304 Response – (Link)

|  |
| --- |
| <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-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\_MVI" />  </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> |

### HL7V3 1304 Request – (Merge)

The 1304 Merge message tells MVI service that two different site level correlated ID profiles should be resolved into one single site identity profile. This event can be sent into MVI and/or from MVI.

A replacementOf typeCode of “UPDT” indicates that the 1304 is a Merge Message. \*\* NOTE \*\* “UPDT” is specific to the MVI 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\_MVI" root="2.16.840.1.113883.3.933"/>  </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>  <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> |

### HL7V3 1304 Response – (Merge)

|  |
| --- |
| <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-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\_MVI" />  </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> |

### HL7V3 1304 Request – (Move)

The 1304 Move message is a notification from MVI 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 MVI 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\_MVI” 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> |

### HL7V3 1304 Response – (Move)

|  |
| --- |
| <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-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\_MVI" />  </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> |

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

**Search Person** is a operation of the MVI service, used to search and return all known MVI Identities as they relate to the provided traits (type #1 below).  **Retrieve Person** is a operation of the MVI service, used to retrieve a known MVI 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.
   * 1. Attended Search
     2. Unattended Search
     3. 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.

MVI 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 MVI.
      4. Retrieve with Relationships - this request will return the MVI Primary View and the Relationships. For each relationship MVI shall return the Primary View and Corresponding Ids

### HL7v3 Search/Retrieve Person Detail

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Relative Path** | **Service** | **Card.** | **Data Type** | **Size** | **Format/Values / Ranges** | **Description** |
| //controlActProcess | Search/Retrieve Person |  |  |  | **Attributes:**  @nullFlavor (optional) +  **@classCode (required) +**  **@moodCode (reqired )** | 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.  **classCode Default = CACT**  A service that actually happens, may be an ongoing service or a documentation of a past service.  **moodCode Default = EVN** |
| //controlActProcess/dataEnterer | Search 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 | Search Person | 1..1 |  |  | **Attributes:**  @nullFlavor (optional) +  **@classCode (required)** | 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 |  |  | **Attributes:** |  |
| //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" | **MVI.COMP1**  Add GetCorIds Correlations.  **MVI.COMP2**  Add GetCorIds with Correlations and ICN History  **MVI.COMP1.AMS** 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" | **REGISTER.INTEREST** 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 Attnded vs Unattended  1 indicates Unattended – Onlyt 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**/matchCriterionList** | Retrieve/Search Person | 0..1 |  |  | **Elements:**  id  MatchAlgorithm |  |
| //controlActProcess/queryByParameter**/matchCriterionList/id** | Retrieve/Search Person | 0..1 | II |  | **Elements:**  id  MatchAlgorithm |  |
| //controlActProcess/queryByParameter**/matchCriterionList/MatchAlgorithm** | Retrieve/Search Person | 0..1 |  |  | **Elements:**  value  semanticsText |  |
| //controlActProcess/queryByParameter**/matchCriterionList/MatchAlgorithm/value** | Retrieve/Search Person | 1..1 | ANY |  | Value = TELEPHONY | **TELEPHONY: Trait Rules**  Look up by **SSN or EDIPI**  If multiple identities found in MVI, return **Not Found**  ***Note: EDIPI should NEVER return multiple actives.***  If ONLY one Identity found  Compare “Check/filter traits” against the single MVI record returned.  Check Traits:  **DOB**  MVI score marker will be not be returned, as they only apply to a Probabilistic type search. |
| //controlActProcess/queryByParameter**/matchCriterionList/MatchAlgorithm/semanticsText** | Retrieve/Search Person | 1..1 | ST |  |  |  |
| //controlActProcess/queryByParameter **/**parameterList | Search Person |  | II |  | **Elements:**  livingSubjectId  livingSubjectAdministrativeGender  livingSubjectBirthTime  livingSubjectName  PatientAddress  patientTelecom  OtherIDsScopingOrganization |  |
| //controlActProcess/queryByParameter **/**parameterList | Search Person |  | II |  | **Elements:** | 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) | Root - Issuer of the identifier.  **USSSA** 2.16.840.1.113883.4.1  Extension  A patient identifier, used to assist in finding a match for the query.  Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.  **SSN or CIT** Describes a person’s legal SSN  Default Semantic Text = SSN or CIT |
| //controlActProcess/queryByParameter **/**parameterList/ livingSubjectId | Search/Retrieve Person | 0..1 | II |  | Root (required) + extension (required) | **ICN**  Should be in the form:  <id extension="icn value^identifier type" root="2.16.840.1.113883.4.349"/>  Example:  <id extension="1030811953V001173^NI" root="2.16.840.1.113883.4.349"/>  **IEN**  Should be in the form:  <id extension="ien value^ identifier type^assigning facility^assigning authority" root=" 2.16.840.1.113883.3.933"/>  Example:  <id extension="1305236^PI^500^USVHA" root="2.16.840.1.113883.4.349"/> |
| //controlActProcess/queryByParameter **/**parameterList/livingSubjectAdministrativeGender | Search for Person | 0...\* | CE |  | **Element:**  value (required) + semantic text (required) | 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.  Value =  **F – Female** Female  **M – Male** Male  **UN – Undifferentiated** The gender of a person could not be uniquely defined as male or female, such as hermaphrodite  Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.  **Gender** Describes person’s gender.  Default Semantic Text = Gender |
| //controlActProcess/queryByParameter /parameterList/livingSubjectBirthTime" | Search Person | 0…\* | CE |  | **Element:**  value (required) + semantic text (required) | 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).  Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.  **Date of Birth** Describes a person’s date of birth.  Default Semantic Text = Date of Birth |
| //controlActProcess/queryByParameter /parameterList/ livingSubjectName | Search Person | 0…\* | CE |  | **Element:**  value (required)  Given  Given  Prefix  Suffix  Family  + semantic text (required) | 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.  **L – Legal** Legal Name  \*\*\* Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor  <given nullFlavor="NA"/>  **P–Alias** Alias Name **C –Maiden Name** Mothers maiden name.  Default Value = L  First Name  Other Name  Prefix Name  Suffix Name  Last Name  **Semantic Text**  Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.  **Legal Name** Describes a person’s legal name.  **Alias Name** Describes a person’s alias name.  **Mothers Maiden Name** Describes a person’s mother’s maiden name  Default Semantic Text = LegalName |
| //controlActProcess/queryByParameter /parameterList/PatientAddress | Search for Person | 0...\* | CE |  | **Element:**  value (required)  StreetAddressLine  City  State  PostalCode  Country  + semantic text (required) | This query parameter is a postal address for corresponding with a patient  **ABC – Alphabetic** Alphabetic transcription of name (Japanese: romaji)  **IDE – Ideographic** Ideographic representation of name (e.g., Japanese kanji, Chinese characters)  **SYL – Syllabic** Syllabic transcription of name (e.g., Japanese kana, Korean hangul)  **PHYS – physical visit address** Used primarily to visit an address.  **PST – Postal Address** Used to send mail.  Default Value = PHYS  StreetAddressLine (**Repeatable up to 4.**)  City  State  PostalCode  Country  **SemanticsText**  Provides a unique identification (the name of the name-value pair) to an element within a specified query response structure.  **Physical Address**  Describes a person’s physical address  Default Semantics Text = Physical Address |
| //controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/code | Retrieve/Search Person | 1…1 | ANY |  | **Elements**  **“DOD\_SOURCE^Document Short Name”** | * **SSA\_SSN\_STATUS** * **DOD\_SOURCE** * **DOD\_Entered\_DT** * **DOD\_Updated\_By** * **DOD\_DT\_ Updated** * **DOD\_Supporting\_Document**   **DC**  **SPROD**  **CR**  **DCUSG**  **CSUSG**  **ORUS**  **NDUCROD**  **NDPRA**  **NDCEOR**  **NODAP**  **NODOF**  **NO DOFAF**  **UACCM**  **NCAEF**  **SDMF**  **MPS**  **BST**  **EC**  **INPTD**   * **DOD\_Option\_Used** * **PERSON\_TYPE**   **VET**  = Veteran  **ACR** = ACCREDITED REPRESENTATIVE  **AFF**  = AFFILIATE  **ASI**  = ASSOCIATED INDIVIDUAL  **CON**  = CONTRACTOR  **DEP**  = DEPENDENT  **EMP**  = EMPLOYEE  **GUA**  = GUARDIAN  **HPT**  = HEALTH PROFESSIONAL TRAINEE  **PAT**  = PATIENT |
| //controlActProcess/subject/registrationEvent/subject1/patient/subjectOf /administrativeObservation/value | Retrieve/Search Person | 1…1 | ANY |  |  | **DOD\_SOURCE**   * VAMC Inpatient Death * Spouse/Next of Kin/Other Person * NCA * Corp * SSA DMF * EVVE Query   **Verification \_Status**   * Verified * Pending * Null   **DOD\_Updated\_By** - UserID^First^Last^middle^suffix  **DOD\_Entered\_By** - UserID^First^Last^middle^suffix  **DOD\_DT\_ Updated**  **DOD\_Supporting\_Document**   * DC - DEATH CERTIFICATE * SPROD - STATE PUBLIC RECORD OF DEATH * CR - CORONER'S REPORT * DCUSG - DEATH CERTIFICATE US GOVT * CSUSG - CLINICAL SUMMARY US GOVT * ORUS - OFFICIAL REPORT UNIFORMED SERVICE * NDUCROD - NON US DEATH US CONSULAR REPORT OF DEATH * NDPRA - NONUS DEATH PUBLIC RECORD AUTHENTICATED * NDCEOR - NONUS DEATH CIVILIAN EMPLOYEE OFFICIAL REPORT * NODAP - NO OTHER 38 CFR DOCUMENTATION AFFIDAVIT PROVIDED * NODOF - NO OTHER 38 CFR DOCUMENTATION OFFICIAL FINDING * NO DOFAF - NO OTHER 38 CFR DOCUMENTATION OTHER FEDERAL AGENCY FINDING * UACCM - UNEXPLAINED ABSENCE 38 CFR 3.212 CRITERIA MET * NCAEF - NCA ELECTRONIC FILE * SDMF - SSA DMF * MPS - MILITARY PERSONNEL SOURCES * BST - BENEFICIARY SUPPORT TOOL * EC - EVVE CERTIFICATION * INPTD - VAMC EHR INPATIENT DEATH   **PERSON\_TYPE** – multi-valued delimited by “~” character  PAT~VET~CON  NOTES:  1 Implement in March 2015 |
| //controlActProcess/queryByParameter /parameterList/otherIDsScopingOrganization | Search/Retrieve Person | 0...\* |  |  | **Elements:**  value (required) +  semanticsText (required)  **MVI Orchestration:**  For VBA Orchestration values should be set to the following  value = “VBA”  semanticsText = “MVI.ORCHESTRATION”  \*\*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:  **For MVI REGISTRATION:**  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 MVI will return the MVI identity but if not know MVI will query and return the DoD PDWS query results but no VA identity will be created. | MVI Orchestration  <otherIDsScopingOrganization>  <value extension="VBA" root="2.16.840.1.113883.4.349">  </value>  <semanticsText>MVI.ORCHESTRATION</semanticsText>  </otherIDsScopingOrganization>  MVI Registration  <otherIDsScopingOrganization>  <value root="2.16.840.1.113883.4.349" extension="VA\_DOD"/>  <semanticsText>MVI.REGISTRATION</semanticsText>  </otherIDsScopingOrganization> |

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

|  |
| --- |
| <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="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\_MVI" 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> |

### 

### Sample 1305 Retrieve Person with ICN Identifier

|  |
| --- |
| <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\_MVI" 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> |

### Sample 1305 Retrieve Person with IEN Identifier

|  |
| --- |
| <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\_MVI" 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> |

### 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\_MVI" 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> |

### 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> |

### 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 |  |  |  | **Attribute:**  @NullFlavor (optional)  **Element:**  typeCode (required) +  messageWaitingNumber (optional) +  messageWaitingPriorityCode (optional) +  targetMessage (required) +  acknowledgementDetail (required) |  |
| //acknowledgement/typeCode | Search/Retrieve | 1..1 | CS | 2 | AA – Application Accept  AE – Application Error  AR – Application Reject | **AA –** 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.  **AE** – 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.  **AR** - 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. **Note: AR is to be used with error code INTERR** |
| //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 |  |  |  | **Attribute(s):**  @nullFlavor (optional)  @typeCode (optional) | VA – not uses  DoD – uses E and W  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 |  | **Attributes:**  @code (optional) +  @codeSystem (optional) +  @codeSystemName (optional) +  @codeSystemVersion (optional) +  @displayName (optional) | **For consumers greater using versionCode 2.0 or greater**  code/codeSystem/displayName  **Key204**/ 2.16.840.1.113883.5.4/Unknown Key Identifier  **Key205**/ 2.16.840.1.113883.5.4/Duplicate 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  **SYN100**/ 2.16.840.1.113883.1.11.19639/ Required association missing  **SYN103**/ 2.16.840.1.113883.1.11.19639/ Value not found in code system  **SYN104**/ 2.16.840.1.113883.1.11.19639/ Invalid code system in CNE  **SYN110**/ 2.16.840.1.113883.1.11.19639/ Number of association repetitions exceeds limit  **SYN112**/ 2.16.840.1.113883.1.11.19639/Number of attribute repetitions exceeds limit  **NS200**/2.16.840.1.113883.1.11.19640/ Unsupported interaction  **NS202**/2.16.840.1.113883.1.11.19640/Unsupported ProcessingID  **NS203**/2.16.840.1.113883.1.11.19640/ Unsupported version id  **NS250**/2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode  **NS260**/2.16.840.1.113883.1.11.19640/ Unknown sender  **NS261**/2.16.840.1.113883.1.11.19640/ Unrecognized attentionline |
| //acknowledgement/acknowledgementDetail/text | Search/Retrieve | 0..1 | ED | ? | Free text | **For consumers greater using versionCode 2.0 or greater**  **Key204 text will be:**  **\*** Unknown Key Identifier <<value>>  **Key205** text will be:  **\*** Person Id <<value>> was identified as a duplicate to <<value>>. System already has that value associated with Id <<value>>  **INTERR text will be:**  \* Internal System error  **SYN100 text will be:**  **\*** Generic text explaining the issue  **SYN101** text will be:  **\*** Generic text explaining the issue  **SYN102 text will be:**  **\*** Data element <<value>> is not of type <<type>>  **SYN103 text will be:**  **\*** Generic text explaining the issue  **SYN104 text will be:**  **\*** Generic text explaining the issue  **SYN110 text will be:**  **\*** Generic text explaining the issue  **SYN112 text will be:**  **\*** Generic text explaining the issue  **NS200** text will be:  **\*** Unsupported interaction  **NS202 text will be either**  \* ProcessingCode passed is <<value>> and IdM Service is set to <<value>>  **NS203** text will be:  **\*** Unsupported version id  **NS250 text will be:**  \* IdM only supports a T mode  **NS260** text will be:  **\*** Unknown sender Or Invalid Site ID  **NS261** text will be:  **\*** Unrecognized attentionline |
| //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 |  |  |  | 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.  <queryAck> <queryId extension="18204" root="2.16.840.1.113883.3.933"/> <queryResponseCode code="QE"/> <resultCurrentQuantity value="0"/> </queryAck>  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  OK  QE  AE  NF |
| //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)** – |
| //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 |  |  |  | **Attributes:**  @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.  **classCode Default = CACT**  A service that actually happens, may be an ongoing service or a documentation of a past service.  **moodCode Default = EVN** |
| //controlActProcess/dataEnterer | Search/Retrieve | 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 | Search/Retrieve | 1..1 |  |  | **Attributes:**  @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 |  |  | **Attributes:**  @nullFlavor (optional) +  @classCode (required Fixed) +  @contextConductionInd (optional) | Fixed classCode = “SUBJ” |
| //controlActProcess/subject/registrationEvent | Search/Retrieve | 1..1 |  |  | **Attributes:**  @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 |  |  |  | **Attributes:**  @nullFlavor (optional) + @**classCode (required Fixed)** | classCode = "**PAT**" |
| //controlActProcess/subject/registrationEvent/subject1/patient/id | Search/Retrieve | 0..\* | II |  | Root (required) + extension (required) | nullFlavor  **ASKU– Asked But Unknown** 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 **explicitly** wanting to create/add a new record  **UNK – Unknown** IdM Service will generate and assign a new Enterprise ID for the submitted profile after performing a **implicit** search.  VA  This value may be required depending on the specific use of the transaction.  **ID**^**TYPE**^**SOURCE^ISSUER^IDSTATUS**  IDSTATUS can be one of the following statuses:  **P**-Permanent ICNs  **A**-Active Correlations  **H**-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.  **L** – 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 (**implemented in version 4.1 or higher**)  **PCE**-Pending Cat Edit correlations  Note: Deprecated ICNs will be passed in the replacementOf stanza.  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 MVI is in an ERROR state.)  **TIMEOUT** - (Orchestration/Search) External system timeout. (Indicator that external service to MVI did not respond within the allotted time.)  **FAULT** - (Orchestration/Search) External system returned a fault message.  (Indicator that external service to MVI rejected the transaction.)  **UNKNOWN** - (Orchestration/Search) External system returned an unexpected response MVI will default the IDStatus to UNKNOWN. |
| //controlActProcess/subject/registrationEvent/subject1/patient/statusCode | Search/Retrieve | 1..1 | CS |  | **Element:**  Default = "**active**" | Default = "**active**" |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/name | Search/Retrieve | 1..\* | PN |  | Use (required attribute) + delimiter (optional) + given (optional and repeatable element) + family (required element) + prefix (optional element) + suffix (optional element)  **L – Legal** Legal Name **P–Alias** Alias Name **C –Maiden Name** Mothers maiden name  **ASGN –Preferred Name** Preferred name  First instance of this element is Firstname.  Second instance of this element is MiddelName. | 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.  Example:  **Legal Name**  <name use="L">  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  \*\*\* Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor  <given nullFlavor="NA"/>  **Maiden Name (Family Name is only used in most cases)**  <name use="C">  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  **Pseudo/Alias Name** (**delimiter element is used to support a pair-wise mapping from Alias Name to Alias SSN**)  <name use="P">  <delimiter>100</delimiter >  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  **Preferred Name**  If a Consumer sends ALL pieces… we use ALL PIECES into a COMBINED field, i.e. Super Cool Dad  **<name use="ASGN">**                  <given>Super</given>  first                  <given>Cool</given>  middle                  <family>Dad</family> last                </name>  If a Consumer sends ONLY the FIRST GIVEN it still works the same… i.e. the COMBINED field will just be “Super”  **<name use="ASGN">**                  <given>Super</given>  first                </name>  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”  **<name use="ASGN">**                  <given>Super</given>  first                  <family>Dad</family> last                </name> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/telecom | Search/Retrieve | 0..\* | TEL |  | **Use = "HP" = Home Phone** | This should contain the home phone of the patient.  Example:  <telecom use="HP" value="5711230987"/> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/administrativeGender | Search/Retrieve | 0..1 | CE |  | **M = Male**  **F = Female** | 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 |  | **Attributes:**  @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)  country (ISO 3166-3). | city (free text)  state (FIPS)  country (ISO 3166-3). |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/deceasedtime | Search/Retrieve | 0..1 | TS |  | *YYYY***-***MM***-***DD***T***hh***:***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)  state (FIPS alpha code)  country (ISO 3166- alpha 3)  DoD requires State if address is passed. This will not result in the add failure, it just will not store the address. | Describes all of a patient/person’s associated addresses.  Example:  <addr use="HP">  <streetAddressLine>23456 34562 Street</streetAddressLine>  <city>Chicago</city>  <state>IL</state>  <country>USA</country>  <postalCode>33333</postalCode>  </addr> |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs |  |  |  |  | **Attributes:**  @nullFlavor (optional) + @classCode (required) | classCode  **PAT** Patient identifier   **SSN or CIT** Social Security Number  **ALIAS\_SSN\_nnn (pair-wise with Alias Name where nnn will map to the delimiter value of the Alias Name)**  **classCode values by versionCode:**  **PAT** - all versions..  **CIT** - to DOD v2.0 and above  - to replace SSN for all consumers 4.0 or higher  **SSN** - versioncode under 4.0  **ALIAS\_SSN\_nnn** - all versions… |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/id | Search/Retrieve | 1..\* | II |  | Root (required) + extension (required) | Patient identifier adhears to the following id format.  **ID (required)**^**TYPE**^**SOURCE^ISSUER^status**  **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.** |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/personalRelationship/code |  |  |  |  | **Attributes:**  @code (required) | code  **HCP** Health Care Proxy  **PR** Personal Representative |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/personalRelationship/code/translation |  |  |  |  | **Attributes:**  @code (required) | Code  **PRS** In Relationship with target.  **QUAL** Relationship to target. |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/statusCode |  |  |  |  | **Attributes:**  @code (required) | Code  **Pending** Pending Status  **Active** Active Status  **Inactive**  Inactive Status  **Decline** Declined Status |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/effectiveTime |  |  |  |  | **Attributes:**  @value (required) | 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 |  |  |  |  | **Attributes:**  @classCode (required) | classCode  **PREF** Relationship Preferences.  EXPIRATION\_DATE Relationship expiration date. |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/statusCode | Search/Retrieve | 0..1 | CS |  | **Element:**  SSN Verification Status = “SSN Verification status”  Proofing Level of Assurance = “LOA” | For support for passing SSN Verification Status use classCode = "SSN" and statusCode =  **0 -** New **1 -** In Process  **2 -** Invalid  **3 -** Resend  **4 –** Verified  For support of passing LOA (Identity Proofing Level of Assurance) use classCode = “PAT” and statusCode =  **1** – Little or No confidence  **2** – Some confidence  **3** – High confidence  **4** – very high confidence |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/scopingOrganization | Search/Retrieve | 1..1 |  |  | **Attributes:**  @nullFlavor (optional) + @**classCode (required) + @determinerCode (required fixed)** | classCode default = "ORG"  **INSTANCE – specific** 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 | Search/Retrieve | 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>  Orchestration: |
| //controlActProcess/subject/registrationEvent/subject1/patient//providerOrganization | Search/Retrieve | 1..1 |  |  | **Attributes:**  @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 |  |  | **Attributes:**  @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> |

### 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>

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

**MVI Orchestration NOTES**

There are 3 main sections that highlight MVI/VBA Orchestration:

1. **DataEnterer/representedOrganization: BGS Security and MVI Auditing**
   1. This information was provided earlier to D2D and VDC – **no changes here.**
   2. <dataEnterer contextControlCode="AP" typeCode="ENT">
   3. <assignedPerson classCode="ASSIGNED">
   4. <!-- IF Veteran and EDIPI used-->
   5. <id root="2.16.840.1.113883.3.42.10001.100001.12" extension="123456789^NI^200DOD^USDOD"/>
   6. <!-- IF Corp Participant ID if VSO Rep -->
   7. <id root="2.16.840.1.113883.4.349" extension="123456789^PN^200CORP^USVBA"/>
   8. <assignedPerson determinerCode="INSTANCE" classCode="PSN">
   9. <name>
   10. <given>UserFirstName</given>
   11. <family>UserLastName</family>
   12. </name>
   13. </assignedPerson>
   14. <!-- Required for BGS Services -->
   15. <representedOrganization classCode="ORG" determinerCode="INSTANCE">
   16. <!-- Required for BGS Services: External UID -->
   17. <id root="2.16.840.1.113883.4.349" extension="UID" />
   18. <!-- Required for BGS Services: External KEY -->
   19. <code code="KEY" />
   20. <!-- Required for BGS Services: Application Name  -->
   21. <desc>VBMS</desc>
   22. <!-- Required for BGS Services CLIENT\_MACHINE -->
   23. <telecom value="10.224.104.174" />
   24. </representedOrganization>
   25. </assignedPerson>
   26. </dataEnterer>
2. **SEARCH and RETRIEVE:**
   1. **otherIDsScopingOrganization: Orchestration Marker so MVI 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>

1. **ADD**
   1. **attentionLine: Allows for traceability and reciprocal matching**
      1. 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>
   2. **asOtherId/Scopingorganization: Orchestration Marker so MVI can properly route/process the transaction**
      1. Slight tweak to the XML stanza from previous examples.
      2. <asOtherIDs classCode="PAT">
      3. <id extension="**PROXY\_ADD^PI^200VBA^USVBA**" root="**2.16.840.1.113883.4.349**"/>
      4. <scopingOrganization classCode="ORG" determinerCode="INSTANCE">
      5. <id root="2.16.840.1.113883.4.349" extension="VBA"/>
      6. <name>MVI.ORCHESTRATION</name>
      7. </scopingOrganization>
      8. </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:

1. **Please adjust the Sender Mnemonic/Code according to your project, i.e. VDC=200VDC and D2D= 200D2D**
   1. *<sender typeCode="SND">*
   2. *<device classCode="DEV" determinerCode="INSTANCE">*
   3. *<id extension="200TBD" root="2.16.840.1.113883.4.349" />*
   4. *</device>*
   5. *</sender>*
2. **Dataenterer – *Please adjust with the proper User Id and Name for the user performing the business process***
   1. *<id root="2.16.840.1.113883.3.2017" extension="vacojohnss4^PN^200M^USDVA" />*
   2. *<assignedPerson determinerCode="INSTANCE" classCode="PSN">*
   3. *<name>*
   4. *<given>Seth</given>*
   5. *<family>Vikash</family>*
   6. *</name>*
   7. *</assignedPerson>*
3. **BGS Credentials**
   1. *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.*
   2. *<representedOrganization classCode="ORG" determinerCode="INSTANCE">*
   3. *<id root="2.16.840.1.113883.4.349" extension="ExternalUid"/>*
   4. *<code code="ExternalKey"/>*
   5. *<desc>applicationName</desc>*
   6. *<telecom value="CLIENT\_MACHINE"/>*
   7. *</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**

1. **ADD**
   1. **attentionLine: Allows for traceability and reciprocal matching**
      1. 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 MVI 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 MVI is in an ERROR state.)

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

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

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

#### UnAttended Search with Orchestration Example

**1305 Message from D2D to MVI**

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| <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> |

#### Search Unattended with Orchestration Response Sample

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| <idm:PRPA\_IN201306UV02 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\_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"/>  <administrativeGenderCode code="M"/>  <birthTime value="19750903"/>  <addr use="PHYS">  <streetAddressLine>123 ANY STREET</streetAddressLine>  <city>LEAWOOD</city>  <state>KS</state>  <postalCode>66224</postalCode>  <country>USA</country>  </addr>  <asOtherIDs classCode="SSN">  <id root="2.16.840.1.113883.4.1" extension="864090375"/>  <statusCode code="4"/>  <scopingOrganization classCode="ORG" determinerCode="INSTANCE">  <id root="1.2.840.114350.1.13.99997.2.3412" />  </scopingOrganization>  </asOtherIDs>  <birthPlace>  <addr>  <city>SALINAS</city>  <state>KS</state>  <country>USA</country>  </addr>  </birthPlace>  </patientPerson>  <subjectOf1>  <queryMatchObservation classCode="COND" moodCode="EVN">  <code code="IHE\_PDQ"/>  <value xsi:type="INT" value="200"/>  </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="c65d93b4-3456-11e4-b07c-0ae258860000"/>  <queryResponseCode code="OK"/>  <resultCurrentQuantity value="1"/>  </queryAck>  <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>  </idm:PRPA\_IN201306UV02> |

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

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| <idm:PRPA\_IN201306UV02 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\_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\_MVI" />  </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>  <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> |

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

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| <idm:PRPA\_IN201306UV02 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\_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\_MVI " />  </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>  <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> |

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

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| <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>  <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> |

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

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| <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>  <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 Idenifiers -->  <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> |

### Sample 1305 Retrieve Relationships with ICN Identifier Request

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| <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="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\_MVI" 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> |

### Sample 1306 Retrieve Relationships with ICN Identifier Response

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| <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://vaww.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>  </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> |

### Sample 1305 Retrieve Relationships with IEN Identifier Request

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| <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="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\_MVI" 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="0001739479^PN^200PROV^USDVA" root="2.16.840.1.113883.4.349"/>  </parameterList>  </queryByParameter>  </controlActProcess>  </PRPA\_IN201305UV02> |

### Sample 1306 Retrieve Relationships with IEN Identifier Response.

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| <PRPA\_IN201306UV02 xmlns="urn:hl7-org:v3" xmlns:idm="http://vaww.oed.oit.va.gov" ITSVersion="XML\_1.0" xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/PRPA\_IN201306UV02.xsd">  <id extension="WSDOC1608311646060660171028851" root="2.16.840.1.113883.4.349"/>  <creationTime value="20160831164606"/>  <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="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="0001739479^PN^200PROV^USDVA^A" root="2.16.840.1.113883.4.349"/>  <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>  <asOtherIDs classCode="PAT">  <id extension="0001739479^PN^200PROV^USDVA^A" root="2.16.840.1.113883.4.349"/>  <statusCode code="2"/>  <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="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 OfAssurance"/>  <value xsi:type="CD" code="2" displayName="Received an identity to add or update that is supportedby I9 identity documentation."/  </administrativeObservation>  </subjectOf2>  </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="0001739479^PN^200PROV^USDVA" root="2.16.840.1.113883.4.349"/>  </parameterList>  </queryByParameter>  </controlActProcess>  </PRPA\_IN201306UV02> |

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

**Update Profile** is an operation of the MVI 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 MVI 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.

### 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 | |  | |  | | **Attribute:**  @typeCode | | Default attribute = "**SUBJ**" | |
| //controlActProcess/subject/registrationEvent | | Update Person | | 1..1 | |  | |  | | **Attributes:**  @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 | |  | | **Element:**  Default = "**active**" | | Default = "**active**" | |
| //controlActProcess/subject/registrationEvent/subject1 | | Update Person | | 1..1 | |  | |  | | **Attributes:**  @nullFlavor (optional) +  @typeCode (required Fixed) | | Default = "**SBJ**" | |
| //controlActProcess/subject/registrationEvent/subject1/patient | | Update Person | |  | |  | |  | | Attributes:  @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.  If sending to VA IdMS the root should contain the VA root OID and extension should include ICN.  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.  For Cerner VHIC and all of our CorrelatedIDs will be passed in this stanza: Cerner will take this list and pull out VHIC CardID  **VHIC Card Id** <id root="2.16.840.1.113883.4.349" extension="123456^PI^742V1^USVHA^A"/> | |
| //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 | |  | |  | | * SSA\_SSN\_STATUS * DOD\_SOURCE * DOD\_Entered\_DT * DOD\_Updated\_By * DOD\_DT\_ Updated * DOD\_Supporting\_Document * DC * SPROD * CR * DCUSG * CSUSG * ORUS * NDUCROD * NDPRA * NDCEOR * NODAP * NODOF * NO DOFAF * UACCM * NCAEF * SDMF * MPS * BST * EC * INPTD * DOD\_Opton\_Used * **PERSON\_TYPE**   **VET**  = Veteran  **ACR** = ACCREDITED REPRESENTATIVE  **AFF**  = AFFILIATE  **ASI**  = ASSOCIATED INDIVIDUAL  **CON**  = CONTRACTOR  **DEP**  = DEPENDENT  **EMP**  = EMPLOYEE  **GUA**  = GUARDIAN  **HPT**  = HEALTH PROFESSIONAL TRAINEE  **PAT**  = PATIENT  IIP | |
| //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 | |  | |  | | SSA Verification Status  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.  **DOD\_SOURCE**   * VAMC Inpatient Death * Spouse/Next of Kin/Other Person * NCA * Corp * SSA DMF * EVVE Query   **DOD\_Entered\_DT**  **DOD\_DT\_ Updated**  **DOD\_Supporting\_Document**   * DC - DEATH CERTIFICATE * SPROD - STATE PUBLIC RECORD OF DEATH * CR - CORONER'S REPORT * DCUSG - DEATH CERTIFICATE US GOVT * CSUSG - CLINICAL SUMMARY US GOVT * ORUS - OFFICIAL REPORT UNIFORMED SERVICE * NDUCROD - NON US DEATH US CONSULAR REPORT OF DEATH * NDPRA - NONUS DEATH PUBLIC RECORD AUTHENTICATED * NDCEOR - NONUS DEATH CIVILIAN EMPLOYEE OFFICIAL REPORT * NODAP - NO OTHER 38 CFR DOCUMENTATION AFFIDAVIT PROVIDED * NODOF - NO OTHER 38 CFR DOCUMENTATION OFFICIAL FINDING * NO DOFAF - NO OTHER 38 CFR DOCUMENTATION OTHER FEDERAL AGENCY FINDING * UACCM - UNEXPLAINED ABSENCE 38 CFR 3.212 CRITERIA MET * NCAEF - NCA ELECTRONIC FILE * SDMF - SSA DMF * MPS - MILITARY PERSONNEL SOURCES * BST - BENEFICIARY SUPPORT TOOL * EC - EVVE CERTIFICATION * INPTD - VAMC EHR INPATIENT DEATH   **DOD\_Option**\_Used – Free Text 1 - 30  **PERSON\_TYPE** – multi-valued delimited by “~” character  PAT~VET~CON  NOTES:  1 Implement in March 2015 | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/name | | Update Person | | 1..\* | | PN | |  | | Use (required attribute) + delimiter (optional) + given (optional and repeatable element) + family (required element) + prefix (optional element) + suffix (optional element)  **L – Legal** Legal Name **P–Alias** Alias Name **C –Maiden Name** Mothers maiden name  **ASGN –Preferred Name** Preferred name  First instance of this element is Firstname.  Second instance of this element is MiddelName. | | 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.  Example:  **Legal Name**  <name use="L">  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  \*\*\* Note: family is required for Legal Name and if no first name then it should be passed using nullFlavor  <given nullFlavor="NA"/>  **Maiden Name (Family Name is only used in most cases)**  <name use="C">  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  **Pseudo/Alias Name** (**delimiter element is used to support a pair-wise mapping from Alias Name to Alias SSN**)  <name use="P">  <delimiter>100</delimiter >  <given>FIRST</given>  <given>MIDDLE</given>  <family>LAST</family>  </name>  **Preferred Name**  If a Consumer sends ALL pieces… we use ALL PIECES into a COMBINED field, i.e. Super Cool Dad  **<name use="ASGN">**                  <given>Super</given>  first                  <given>Cool</given>  middle                  <family>Dad</family> last                </name>  If a Consumer sends ONLY the FIRST GIVEN it still works the same… i.e. the COMBINED field will just be “Super”  **<name use="ASGN">**                  <given>Super</given>  first                </name>  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”  **<name use="ASGN">**                  <given>Super</given>  first                  <family>Dad</family> last                </name> | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/telecom | | Update Person | | 0..\* | | TEL | |  | | **Use = "HP" = Home Phone**  Use = “WP” Work Phone  Use = “PUB” Fax Number | | This should contain the home phone of the patient.  Example:  <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 | |  | | **M = Male**  **F = Female**  **null** | | 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***-***DD***T***hh***:***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 | |  | |  | | **Attributes:**  @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)  country (ISO 3166-3). | | city (free text)  state (FIPS)  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 | |  | | Use (optional) + streetAddressLine (repeat 3 times) + city + state + postalCode + country  Default use = "HP" Home Address  Default use = "WP" Work Address  streetAddressLine (free text)  city (free text)  state (FIPS)  country (ISO 3166-3).  If multiple addresses (HP or WP) MVI will only utilize the first one in the list! | | Describes all of a patient/person’s associated addresses.  Example:  <addr use="HP">  <streetAddressLine>23456 34562 Street</streetAddressLine>  <city>Chicago</city>  <state>IL</state>  <country>USA</country>  <postalCode>33333</postalCode>  </addr> | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/raceCode | | Update Person | | 0..\* | | CE | |  | |  | | Describes the race to which this patient/person belongs. See section 5.4 for valid values and descriptions.  Example:  <raceCode code="2076-8"/>  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 | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/ethnicGroupCode | | Updatea Person | | 0..\* | | CE | |  | |  | | Describes the ethnicity to which this patient/person belongs. See section 5.4 for valid values and descriptions.  Example:  <ethnicGroupCode code="9999-4"/>  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 | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs | | Update Person | |  | |  | |  | | nullFlavor (optional) + classCode (required) | | classCode  **PAT** Patient identifier   **SSN or CIT** Social Security Number  **ALIAS\_SSN\_nnn (pair-wise with Alias Name where nnn will map to the delimiter value of the Alias Name)**  **The following classCodes below are only used by VA MVI to support a Proxy Add to VistA:**  **preferredFacilityNumber  patientServiceConnected**  **patientType**  **AFFL** – Affiliated Person (for DoD TIN and FIN)  **MIL** for Military Person (for DoD PIN)  **Specific values to support Provider Proxy Adds:**  **DEGREE** – Provider’s degree (see sectin 8.2.5.2 for values)  **AuthWriteMedOrders** – default value if DEA# is provided is “yes”  **ProviderClass** – Provider class (see sectin 8.2.5.2 for values)  **ProviderType** – Provider type see sectin 8.2.5.2 for values)  **PersonClass** – Person Class see sectin 8.2.5.2 for values)  **DetoxMaintNumber** – Detox/Maintenance Number  **Remarks** – Provider related remarks  **NonVAPrescriber** – Yes/No value  **ITIN** – SSA Individual Tax identification Number  **Sched\_Narcotic –** Scheduled Narcotic values (DEA\_”^”\_Schedule II\_”^”\_III\_”^”\_IV\_”^”\_V\_”^”\_II non Narcotic\_”^”\_III non Narcotic) )  **NPI** – National Provide Index  **DEA\_NUMBER** – Drug Enforcement Agency Number  **classCode values by versionCode:**  **PAT** - all versions..  **CIT** - to DOD v2.0 and above  - to replace SSN for all consumers 4.0 or higher  **SSN** - versioncode under 4.0  **AFFL** – to DOD v2.0 and above  **MIL** - future version not yet defined  **ALIAS\_SSN\_nnn** - all versions…  **preferredFacilityNumber –** all versions **patientServiceConnected -** all versions  **patientType -** all versions | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/id | | Update Person | | 1..\* | | II | |  | | Root (required) + extension (required) | | Patient identifier adhears to the following id format.  **ID (required)**^**TYPE**^**SOURCE^ISSUER**  **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.**  **DEA**  <id extension="F91234567" root="2.16.840.1.113883.4.814" />  **NPI**  <id extension="1234567890^NI^200ENPI^USDVA" root="**2.16.840.1.113883.4.6**" />  **SSA**  <id extension="9123456789" root="2.16.840.1.113883.4.1/>  **ITIN**  <id extension="9123456789" root="2.16.840.1.113883.4.2/> | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/statusCode | | Update Person | | 0 | | CS | |  | | Example SSN Verification  <<asOtherIDs classCode="SSN">  <statusCode code="2" />  Proofing Level of Assurance =  <<asOtherIDs classCode="PAT">  <statusCode code="2" /> | | NPI statusCode:  **Active**  **Inactive**  DEA statusCode:  **Active**  **Inactive**  For support for passing SSN Verification Status use classCode = "SSN" and statusCode =  **0 -** New **1 -** In Process  **2 -** Invalid  **3 -** Resend  **4 –** Verified  MVI supports LOA:  For support of passing LOA (Identity Proofing Level of Assurance) use classCode = “PAT” and statusCode =  **1** – Little or No confidence  **2** – Some confidence  **3** – High confidence  **4** – very high confidence | |
| //controlActProcess/subject/registrationEvent/subject1/patient//patientPerson/asOtherIDs/effectiveTime | | Update Person | | 0..1 | | IVL\_TS | |  | | **Date/time stamp** | | 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"  **INSTANCE – specific** 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//providerOrganization | | Update Person | | 1..1 | |  | |  | | @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 | | 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 | |  | |  | |  | |  | | <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> | |

### HL7V3 1302 – Update Request Sample

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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\_MVI" 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>  <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>  </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> |

### 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" />

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<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\_MVI" 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" />

<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" />

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<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>

### 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\_MVI" 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>  <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> |

### 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.

|  |
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| <PRPA\_IN201302UV02 xmlns:idm="http://vaww.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\_MVI" 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" -->**  <statusCode code="UNLINK" />  <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">  <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> |

### 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\_MVI" 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> |

### 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 MVI 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.  **If we get a name longer than 35 truncate it and continue on also make sure is all uppercase letters** |
| NPI | Required | String |  | n/a | MVI 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 | **if receive something other than M or F just convert to null** |
| 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 MVI will default the value to NON-VA PROVIDER |
| Title | Optional | String | 3-30 | NON-VA PROVIDER | VistA Pointer (#3.1)  MVI 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 MVI 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 MVI 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 |

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| <PRPA\_IN201302UV02 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" 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 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</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" />  <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="F91234567^1^1^0^0^1^1" 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 Hl7v3 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 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>  </PRPA\_IN201301UV02> |

### 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 |  |  |  | **Attribute:**  @NullFlavor (optional)  **Element:**  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 | **AA –** 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.  **AE** – 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.  **AR** - 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. **Note: AR is to be used with error code INTERR** |
| //acknowledgement/targetMessage//id | Update Person | 1..1 | II |  | id root (required) + extension (required) | The OID value should be the same OID passed in the request.  Example:  <id root="2.16.840.1.113883.4.349" extension="MCID-12345" /> |
| //acknowledgement/acknowledgementDetail | Update Person |  |  |  | **Attributes:**  @nullFlavor (optional)  @typeCode (optional) | VA – not uses  DoD – uses E and W  I am unclear on the use of E and W and recommend that we not use this attribute |
| //acknowledgement/acknowledgementDetail/code | Update Person | 0..1 | CE |  | code (optional) +  codeSystem (optional) +  codeSystemName (optional) +  codeSystemVersion (optional) +  displayName (optional) | **For consumers greater using versionCode 2.0 or greater**  code/codeSystem/displayName  **Key204**/ 2.16.840.1.113883.5.4/Unknown Key Identifier  **Key205**/ 2.16.840.1.113883.5.4/Duplicate 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  **SYN100**/ 2.16.840.1.113883.1.11.19639/ Required association missing  **SYN103**/ 2.16.840.1.113883.1.11.19639/ Value not found in code system  **SYN104**/ 2.16.840.1.113883.1.11.19639/ Invalid code system in CNE  **SYN110**/ 2.16.840.1.113883.1.11.19639/ Number of association repetitions exceeds limit  **SYN112**/ 2.16.840.1.113883.1.11.19639/Number of attribute repetitions exceeds limit  **NS200**/2.16.840.1.113883.1.11.19640/ Unsupported interaction  **NS202**/2.16.840.1.113883.1.11.19640/Unsupported ProcessingID  **NS203**/2.16.840.1.113883.1.11.19640/ Unsupported version id  **NS250**/2.16.840.1.113883.1.11.19640/Unsupported ProcessingMode  **NS260**/2.16.840.1.113883.1.11.19640/ Unknown sender  **NS261**/2.16.840.1.113883.1.11.19640/ Unrecognized attentionline  **PNAUT000001**/ 2.16.840.1.113883.3.2017.11.6.1/Application authorization error  **PNGEN000001**/ 2.16.840.1.113883.3.2017.11.6.1/ Input attribute value is invalid  **PNUPDATE000002**/ 2.16.840.1.113883.3.2017.11.6.1/ Unauthorized person record update  **PNUPDATE000003**/ 2.16.840.1.113883.3.2017.11.6.1/ Improper Affiliation  **PNUPDATE000004**/ 2.16.840.1.113883.3.2017.11.6.1/ Partial record update  **PNUPDATE000005**/ 2.16.840.1.113883.3.2017.11.6.1/ ICN-EDI PI Correlation does not exist  VA current solution  fullyQualifiedID/MVI/IEN  fullyQualifiedID/MVI/PDT  fullyQualifiedID/MVI/IMT  fullyQualifiedID/MVI/ICN |
| //acknowledgement/acknowledgementDetail/text | Update Person | 0..1 | ED | ? | Free text | **For consumers greater using versionCode 2.0 or greater**  **Key204 text will be:**  **\*** Unknown Key Identifier <<value>>  **Key205** text will be  **INTERR text will be:**  \* Internal System error  **SYN100 text will be:**  **\*** Generic text explaining the issue  **SYN101** text will be:  **\*** Generic text explaining the issue  **SYN102 text will be:**  **\*** Data element <<value>> is not of type <<type>>  **SYN103 text will be:**  **\*** Generic text explaining the issue  **SYN104 text will be:**  **\*** Generic text explaining the issue  **SYN110 text will be:**  **\*** Generic text explaining the issue  **SYN112 text will be:**  **\*** Generic text explaining the issue  **NS200** text will be:  **\*** Unsupported interaction  **NS202 text will be either**  \* ProcessingCode passed is <<value>> and IdM Service is set to <<value>>  **NS203** text will be:  **\*** Unsupported version id  **NS250 text will be:**  \* IdM only supports a T mode  **NS260** text will be:  **\*** Unknown sender Or Invalid Site ID  **NS261** text will be:  **\*** Unrecognized attentionline  **PNAUT000001** text will be:  \* Application authorization error, Call your system administrator to check your server/system/application credentials (e.g. verify certificate common name hasn’t changed recently).  **PNGEN000001** text will be:  **\*** xpath of the data element (s) with invalid values  **PNUPDATE000002** text will be:  **\*** End user does not have the required credentials to update the specified person record  **PNUPDATE000003** text will be:  **\*** Updated person is not affiliated with the required organization  **PNUPDATE000004** text will be:  **\*** xpath of the data elements (s) that were not updated  **PNUPDATE000005** text will be:  **\*** Enterprise ID <<value>> passed is not linked to ID <<value>> |

#### HL7V3 1302 – 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-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\_MVI" />  </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> |

#### 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://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-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\_MVI"/>  </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> |

## Structurally Invalid Requests

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

### 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> |

# Policies and Qualities of Service

## Performance

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

**Response Time:**

**Throughput:**

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

## Security

The following diagram shows the security integration of MVI through VAAFI.



**Topic Comments**

**Policy**  Consuming apps of MVI are expected to comply with all provisions of VA Security Policy including VA Directive 6500.

**Privacy** Consuming apps of MVI are expected to comply with all provisions of VA Privacy Policy including VA Directive 6500.

**Reporting** Consuming apps of MVI are expected to include the MVI Program manager within the notification procedures in incident response plans. The MVI PM should be notified of security and privacy breaches within 24 hrs when a breach of the consuming application has a potential impact to MVI Service.

**Access**  Consuming apps of MVI are expected to develop appropriate controls for user and system accounts. Password and access procedures for these should follow VA directives.

**Authorization** 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.

**Boundaries** The security boundary for the MVI system is depicted in the PSIM and MVI SSP. Consuming apps of the MVI Service should ensure that appropriate security measures are in place for PII and / or sensitive data outside these boundaries.

**Non Repudiation** Consuming apps of MVI are expected to provide controls that link individual users with each MVI transaction with a reasonable amount of non repudiation.

**Data Ownership** Consuming apps are responsible for all data accessed and security of any data extracts.

**Interfaces / Services** Consuming apps will use one of the approved protocols for connection to MVI:

HTTPS – Any connection outside the VA boundary

HTTP- within the VA network

CAIP- within the VA network

MLLP- within the VA network

## 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>)

**XSD**

<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** |  |  |
|  |  |  |

## 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** |  |  |

# 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>

# Appendix A Frequently Asked Questions

## Does the HL7v3 header apply to all transactions?

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

## 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.

## 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 MVI development.

Send mail to: **VA IdS Leads**

**Example:**

<sender typeCode="SND">

<device classCode="DEV" determinerCode="INSTANCE">

<id extension=" SITEKEY\_OBTAINED\_FROM\_MVI " root="**2.16.840.1.113883.4.349**"/>

</device>

</sender>

## 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.*

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

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

## 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. MVI also provides the MVI 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^NI^**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