

1 Deliverable Description

ID and Title: D-04 Federal Interface Design Document

Description: The Federal Interface Design Document will provide the identifying details of the integration of the CMS Federal Data Services Hub with the State of Vermont's Health Benefit Exchange. The document will address business requirements along with the technical specifications. Technical specifications will include interface identification number(s), interface title(s)/name(s), abbreviation(s)/acronym(s), version number(s), release number(s), interface format(s), data elements, interface frequency, real time and/or batch designations, expected acknowledgement(s) and/or response(s), error message(s) and data flow between source and target, as applicable. The document will be created in Microsoft Word format and include diagrams.

Deliverable Owner: Matt Kristin

Proposal/Contract Reference: Amendment No. 1 to Master Services Agreement, Exhibit E, section 1.2.3 Elaboration Deliverables

2 Content

Content Item	Description
1. Introduction	Describe the purpose of the interface and provide an overview of the document.
2. Federal Data Services Hub Interface	Define the Federal Data Services Hub Interface.
2.1 Business Requirements	Identify the list of business functions and business processes that are addressed by the interface.
2.2 Data Flow Design	Identify the data flows that will occur between the Federal Data Services Hub and the HBE.
2.3 Technical Requirements	Describe the format for the interface. Include the name(s), version(s), frequency, source, target and data elements required.
3. Federal Hub Services	Define the list of services which will be available for consumption by the State Based Exchange.
3.1 Business Requirements	Identify the list of business functions and business processes that are addressed by the interface.
3.2 Technical Requirements	Describe the format for each interface. Include the name(s), version(s), frequency, source, target and data elements required.
3.3 Data Flow and Technical Design of the Interface	Identify the data flows that will occur between the State Systems and the HBE.

3 Approver, Reviewers, and Work Plan

Approver: Justin Tease

Reviewer(s): Dana Houlihan, Les Birnbaum, Nicole Weidman, Sonya Stern, Rick K, Paul Haigh, Gartner

Work plan tasks:

Unique ID	Task Name	Start	Finish
4762	Deliverable: (D-04) Federal Interface Design Document	Wed 2/6/13	Fri 4/26/13
4763	Create Deliverable	Wed 2/6/13	Tue 4/16/13
4764	Federal Exchange Eligibility Service Interface	Wed 2/6/13	Tue 4/16/13
4765	Fed Exch Elig Intfc: Analyze Requirements	Wed 2/6/13	Tue 3/5/13
5497	Fed Exch Intfc: Review Requirements with BA	Wed 2/6/13	Thu 2/7/13
5496	Fed Exch Intfc: Map-out Data Flow Diagram	Fri 2/8/13	Thu 2/28/13
5495	Fed Exch Intfc: Estimate Development Time	Fri 3/1/13	Tue 3/5/13
4766	Fed Exch Elig Intfc: Draft Desg Doc & Config Intfc	Wed 3/20/13	Tue 4/16/13
5500	Fed Exch Intfc: Draft Desg Doc	Wed 3/20/13	Tue 4/9/13
5499	Fed Exch Intfc: Review	Wed 4/10/13	Thu 4/11/13
5498	Fed Exch Intfc: Finalize Doc	Fri 4/12/13	Tue 4/16/13
4772	<i>Milestone: Federal Exchange Eligibility Service Interface Design Complete</i>	<i>Tue 4/16/13</i>	<i>Tue 4/16/13</i>
4773	CMS System Interface	Wed 2/6/13	Fri 3/22/13
4774	CMS Intfc: Analyze Requirements	Wed 2/6/13	Tue 3/5/13
5503	CMS Intfc: Review Requirements with BA	Wed 2/6/13	Thu 2/7/13
5502	CMS Intfc: Map-out Data Flow Diagram	Fri 2/8/13	Thu 2/28/13
5501	CMS Intfc: Estimate Development Time	Fri 3/1/13	Tue 3/5/13
4775	CMS Intfc: Draft Desg Doc & Config Intfc	Wed 3/20/13	Fri 3/22/13
5506	CMS Intfc: Draft Desg Doc	Wed 3/20/13	Wed 3/20/13
5505	CMS Intfc: Review	Thu 3/21/13	Thu 3/21/13
5504	CMS Intfc: Finalize Doc	Fri 3/22/13	Fri 3/22/13
4776	<i>Milestone: CMS System Interface Design Complete</i>	<i>Fri 3/22/13</i>	<i>Fri 3/22/13</i>
4777	Federal Hub Interface	Wed 2/6/13	Tue 4/16/13
4778	Fed Hub Intfc: Analyze Requirements	Wed 2/6/13	Tue 3/5/13
5509	Fed Hub Intfc: Review Requirements with BA	Wed 2/6/13	Thu 2/7/13
5508	Fed Hub Intfc: Map-out Data Flow Diagram	Fri 2/8/13	Thu 2/28/13
5507	Fed Hub Intfc: Estimate Development Time	Fri 3/1/13	Tue 3/5/13
4779	Fed Hub Intfc: Draft Desg Doc & Config Intfc	Wed 3/20/13	Tue 4/16/13
5512	Fed Hub Intfc: Draft Desg Doc	Wed 3/20/13	Tue 4/9/13
5511	Fed Hub Intfc: Review	Wed 4/10/13	Thu 4/11/13
5510	Fed Hub Intfc: Finalize Doc	Fri 4/12/13	Tue 4/16/13
4780	<i>Milestone: Federal Hub Interface Design Complete</i>	<i>Tue 4/16/13</i>	<i>Tue 4/16/13</i>
4767	Review and Approve Deliverable	Wed 4/17/13	Fri 4/26/13
4768	Intl Rev & U/D - Intfc Desg Doc - Fed	Wed 4/17/13	Fri 4/19/13
4769	<i>Milestone: Federal Interface Design Document - Submitted</i>	<i>Fri 4/19/13</i>	<i>Fri 4/19/13</i>
4770	Rev, Rvs and Appr - Fed Intfc Desg Doc	Mon 4/22/13	Fri 4/26/13
4771	<i>Milestone: Final Federal Interface Design Document - Approved</i>	<i>Fri 4/26/13</i>	<i>Fri 4/26/13</i>

4 Acceptance Criteria

The interface requirements documents will address the following:

- Identification of the business functions being supported
- Direction (one or two way)
- Major integration points
- A specific list of data elements
- Frequency of operations (batch, real-time, interactive)
- The design supports the federal data exchange requirements

Revision History

Version	Date	Modified By	Description
1.0	03/05/2013	Corina Gasner	Delivered to SOV for review
2.0	04/17/2013	Mike Blake	Revisions per IV&V review