

## 1 Deliverable Description

**ID and Title:** (D-05) Carrier System Interface Design Document

**Description:** The Carrier System Interface Design Document will provide the identifying details of the integration of the Carriers System with the State of Vermont's Health Benefit Exchange. The document will address the 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	Describes the purpose of the interface and provides an overview of the document.
2. Carrier System Interface Design	Identify the standard interface that the Carriers will use to integrate with the State of Vermont HBE.
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 Carrier Systems and the HBE.
2.2 Technical Requirements	Describe the format for each interface. Include the name(s), version(s), frequency, source, target and data elements required.
3. Carriers	Identify and list the State of Vermont interfaces required for Plan Management, Financial Management and Customer Support as required for the Health Benefit 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): Nicole Weidman, Sonya Stern, Greg Paradiso, Dana Houlihan, Rick Ketcham, Paul Haigh

Work plan tasks:

Unique ID	Task Name	Start	Finish
<b>4781</b>	<b>Deliverable: (D-05) Carrier System Interface Design Document</b>	<b>Wed 2/6/13</b>	<b>Fri 5/3/13</b>
<b>4782</b>	<b>Create Deliverable</b>	<b>Wed 2/6/13</b>	<b>Tue 4/23/13</b>
<b>4783</b>	<b>Carrier System Interface</b>	<b>Wed 2/6/13</b>	<b>Tue 4/23/13</b>
<b>4784</b>	<b>Carrier Intfc: Analyze Requirements</b>	<b>Wed 2/6/13</b>	<b>Tue 3/26/13</b>
5515	Carrier Intfc: Review Requirements with BA	Wed 2/6/13	Thu 2/7/13
5514	Carrier Intfc: Map-out Data Flow Diagram	Fri 2/8/13	Thu 3/21/13
5513	Carrier Intfc: Estimate Development Time	Fri 3/22/13	Tue 3/26/13
<b>4785</b>	<b>Carrier Intfc: Draft Desg Doc &amp; Config Intfc</b>	<b>Wed 3/20/13</b>	<b>Tue 4/23/13</b>
5518	Carrier Intfc: Draft Desg Doc	Wed 3/20/13	Tue 4/16/13
5517	Carrier Intfc: Review	Wed 4/17/13	Thu 4/18/13
5516	Carrier Intfc: Finalize Doc	Fri 4/19/13	Tue 4/23/13
<b>4786</b>	<b>Review and Approve Deliverable</b>	<b>Wed 4/24/13</b>	<b>Fri 5/3/13</b>
4787	Intl Rev & U/D - Carrier Sys Intfc Desg Doc	Wed 4/24/13	Fri 4/26/13
<b>4788</b>	<b><i>Milestone: Carrier System Interface Design Document - Submitted</i></b>	<b><i>Fri 4/26/13</i></b>	<b><i>Fri 4/26/13</i></b>
4789	Rev, Rvs & App - Carrier Sys Intfc Desg Doc	Mon 4/29/13	Fri 5/3/13
<b>4790</b>	<b><i>Milestone: Final Carrier System Interface Design Document - Approved</i></b>	<b><i>Fri 5/3/13</i></b>	<b><i>Fri 5/3/13</i></b>

### 4 Acceptance Criteria

The interface requirements documents will address the following:

- Identification of business function being supported
- Direction (one or two way)
- Major integration points
- A specific list of data elements
- Frequency of operations (batch, real-time, interactive)
- Design supports Vermont requirements for carrier interfaces

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**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