

Technology Advisory Group

October Meeting

October 18, 2013



Agenda

Project Update

Mass HIway Phase 1 HISP to HISP approach

Next Steps

Phase 1 – Transaction and deployment update (as of September 2013)

Deployment update:

| | |
|---|-----------|
| <u>Total Organizations in Production:</u> | <u>18</u> |
| <u>Total Organizations Live</u> | <u>24</u> |
| <u>Total Organizations on the Hlway</u> | <u>55</u> |

Transaction update:

| | |
|----------------------------------|-----------|
| Transactions exchanged in Sept: | 110,547 |
| Cumulative transactions to date: | 1,577,181 |

Phase 2 overall timeline

Mass HIway Phase 2 high level project schedule

| Activity | Target date |
|---|---------------------|
| CMS approval of Phase 2 IAPD | Completed |
| Phase 2 contract (or change order) executed | Completed |
| Go-live - Public Health - Immunization Registry Node | Completed |
| Go-live - Public Health - Reportable Lab Results (ELR) Node | Completed |
| Testing - Public Health - Syndromic Surveillance Node | Completed |
| Testing - EOHHS – Children’s Behavioral Health (CBHI) Node | Completed |
| Phase 2 Requirements Gathering & Validation | Completed |
| Phase 2 Design Approach Preliminary Decision | Completed |
| Go-live - Opioid Treatment Program (OTP) Node | Sept 2013 |
| Go-live- Cancer Registry Node | Dec 2013 |
| Go-live- Lead Poisoning Prevention Node | March 2014 |
| Go-live for Phase 2, Release 2 (EMPI, RLS, Consent, Provider Portal, Consumer Portal) | Oct 2013 – Mar 2014 |

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Setting the table for today's discussion

- A large number of EHR vendors serving Massachusetts providers have recently decided to become Health Information Services Providers (HISPs) on behalf of their customers as part of their information exchange strategies.
- This development means that a larger than originally expected number of Massachusetts providers will access the Hlway through a non-Hlway HISP.
- This development has raised the importance and urgency of figuring out HISP to Hlway connectivity, doing so with vendors who are midstream in figuring out their own HISP to HISP approaches, and doing so in the absence of well adopted standards
- The Hlway teams have been working on each of the thorniest issues including:
 - Establishing HISP to HISP trust
 - Certificate exchange
 - Provider Directories
 - Supported transport standards
- Today we will review the current Mass Hlway technical position for HISP to HISP connectivity and will gather your input and reactions.

EHR Vendors expected to connect to Hlway as a HISP

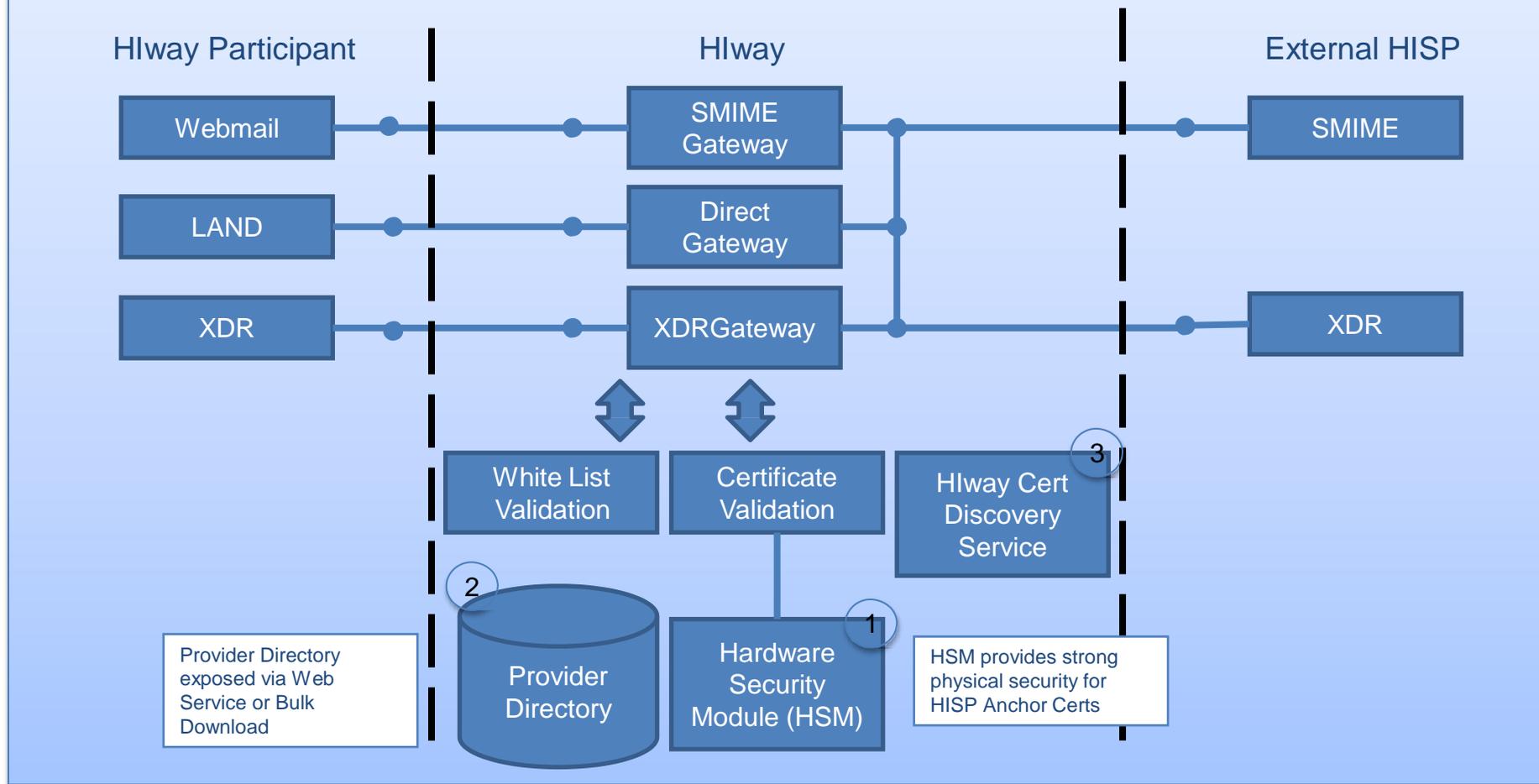
11 Vendors expected to connect members to Hlway via vendor HISP:

- Surescripts
- eClinicalworks
- Epic
- Allscripts
- Aprima
- KeyHIE Transform
- eLINC
- ClaimTrak Systems
- eHana
- McKesson
- MEDfx Corporation

HIway HISP Technical Approach

- 1 HIway will support the exchange of Anchor Cert with other HISP's
- 2 HIway/HISP will make Anchor Certs "discoverable" via Web Service
- 3 HIway/HISP providers will be on-boarded into "White List"
- 4 HIway Provider Directory listing will be available to HISP via Web Service and Bulk Download
- 5 SMIME -> will support SMIME transactions including for DPH programs

Hiway HISP Solution Overview



- 1) External HISP exchanges Anchor Certs with Hiway and stored in HSM
- 2) Provider White Lists are exchanged and On-Boarded
- 3) Messages are exchanged and decrypted via "discoverable" Anchor Certs

Implementation Approach

Step #1: HISP Testing Period – identify select HISP testing partners

- December 2013
- Provider Directory White List
- Anchor Certificate Validation
- HSM Implementation
- Stage Environment



Step #2: HISP Go-Live – extend HISP capability to support all participating HISP's

- January 2014
- Adjustments based on Testing Period
- Additional On-Boarding Services
- Extend Internal HSM Services
- Migration to PROD Environment

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Mass Hlway Phase 1 HISP to HISP approach

Next Steps

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- Reactions to be taken into account by HIway design team
- Meeting notes synthesized and provided back to Advisory Group for final comments
- Presentation materials and notes to be posted to EOHHS website
- Next Advisory Group Meeting – December 20, 2013
 - Conference call (866) 951-1151 x. 8234356
- HIT Council – scheduled for Nov 12, 3:30-5:00 One Ashburton Place, 21st Floor

HIT Council meeting schedule, presentations, and minutes may be found at <http://www.mass.gov/eohhs/gov/commissions-and-initiatives/masshiway/hit-council-meetings.html>