Technology Advisory Group

March Meeting

March 29, 2013

Agenda

Project Updates

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Phase 2 overall timeline

Mass HIway Phase 2 high level project schedule

Activity	Completion date
Submit IAPD to CMS	**Complete**
CMS approval of Phase 2 IAPD	March 2013
Phase 2 contract (or change order) executed	Apr 15, 2013
Go-live – Public Health – Immunization Registry Node	Apr 28, 2013
Go-live - Public Health – Reportable Lab Results (ELR) Node	Apr 28, 2013
Testing - Public Health – Syndromic Surveillance Node	Apr 12, 2013
Go-live - Public Health – Children's Behavioral Health (CBHI) Node	May 2013
Go-live for Phase 2, Release 1 (Other Public Health interfaces)	May-Oct, 2013
Go-live for Phase 2, Release 2 (CDR, EMPI, RLS, Consent)	Oct 2013 – Mar 2014

Update – MassHIway Implementation Grants

GRANT SUMMARY

The HIway Implementation Grant Program has been developed to fund projects to catalyze connections to the Mass HIway by migrating existing processes away from paper-based exchanges and those exchanges using proprietary interfaces. The intent is to encourage inter-organizational collaboration on a specific process that is expected to be enhanced or accelerated by use of the HIway. Competitive proposals will build on existing improvement efforts that impact care quality, costs, or population health.

FUNDING AVAILABLE

Budgeted at $2 million, awards up to $75K each

TIMELINE

Open date   - Friday, 3/15

Applications due   - Tuesday, 4/16

Notification of award   - Friday, 5/3

Grant information - http://www.mehi.masstech.org/hiway-implementation-grants

Webinar Q&A - http://www.mehi.masstech.org/implementation-grant-info-sessions

Grant requirements - http://www.mehi.masstech.org/implementation-grant-requirements

Learn more about the Mass HIway - http://www.mehi.masstech.org/sites/mehi/files/documents/MassHIway-Overview.pdf

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Goals for today's discussion
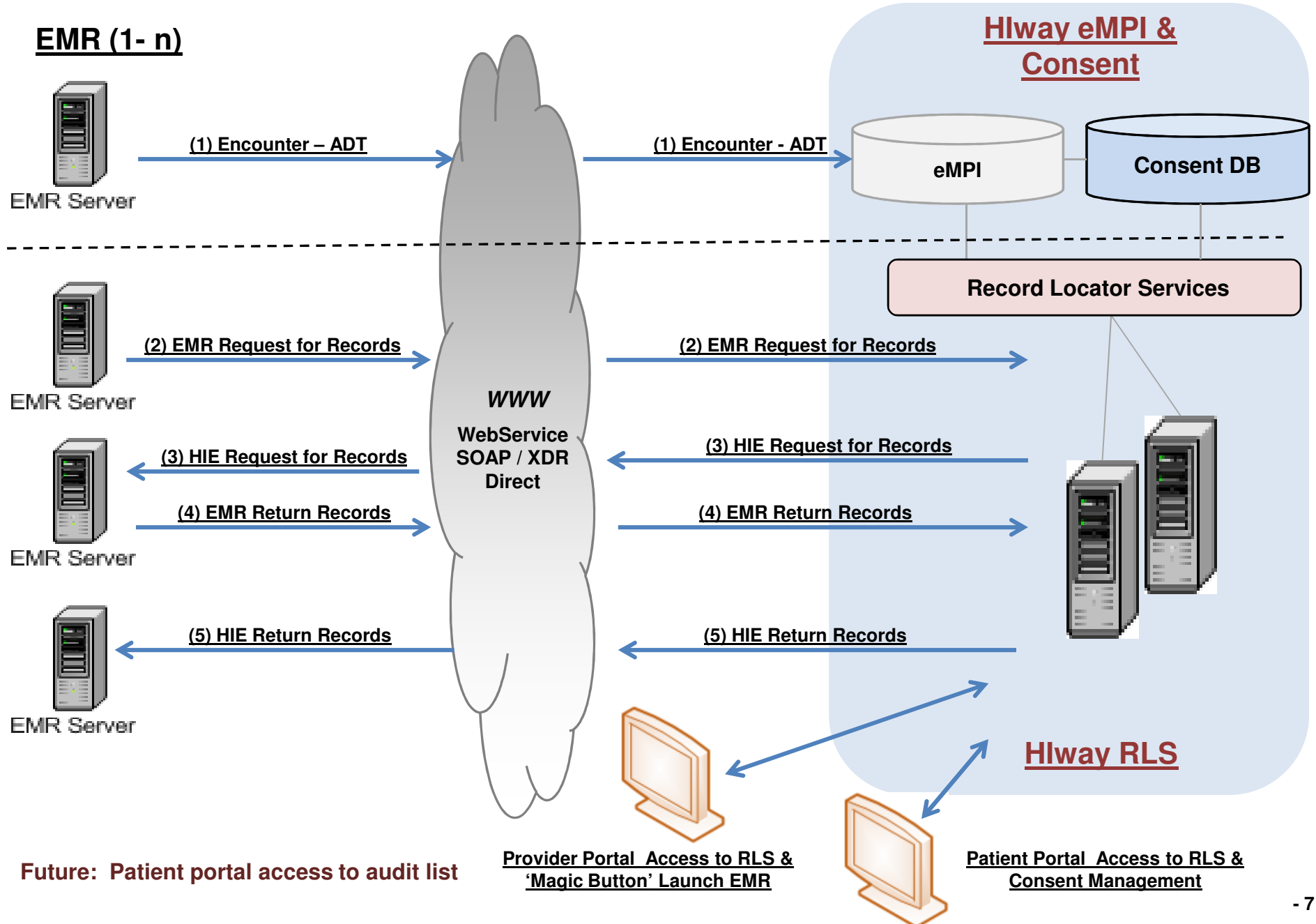
Goals for today's session:

1. **Discuss Transactions for eMPI & RLS**

2. **Discuss Consent Flag Options re: eMPI & RLS**

3. **Patient Directed Messaging**

4. **Discussion of LAND device operational status**

Transactions Required for eMPI & RLS

#	From	To	Message Type	Purpose	Discuss
1	EMR	eMPI	ADT PID & Routing Meta-data	Populate eMPI/RLS & Consent DB	Is patient consent required? Do we include consent status?
2	EMR	RLS	Request for Records (Message Type TBD)	Query the RLS for instances of patient records*	Positive Consent Reponses Only. Multiple patient records found.
3	RLS	EMR	Query for Clinical Records (Message Type TBD)	Trigger the EMR to Respond to a Request	Simple message type: Define message format and content.
4	EMR	RLS	CDA / CCD - Multiple	Respond to Request for Clinical Data	Requires positive consent. Where is filter? At EMR or RLS?
5	RLS	EMR	CDA / CCD - Multiple	Send Clinical Data to EMR Requestor	Packaging of message & consumption of message at EMR. Structure of this message.

*If the RLS finds multiple matches for a patient inquiry (likely) it will need to return a list for further refinement or reject the inquiry due to inability to uniquely identify the patient

MassHIway eMPI & Record Locator Service Transactions

EMR (1- n)

EMR Server

(1) Encounter – ADT

WWW

WebService SOAP / XDR Direct

(1) Encounter - ADT

eMPI

Consent DB

EMR Server

(2) EMR Request for Records

(2) EMR Request for Records

Record Locator Services

EMR Server

(3) HIE Request for Records

(3) HIE Request for Records

(4) EMR Return Records

(4) EMR Return Records

EMR Server

(5) HIE Return Records

(5) HIE Return Records

Hlway RLS

Future: Patient portal access to audit list

Provider Portal Access to RLS & 'Magic Button' Launch EMR

Patient Portal Access to RLS & Consent Management

- 7 -

Consent Flag Topics for Discussion

Description: There is very little guidance on the implementation and use of patient consent flags within EMR's and HIE's. MassHI ay will need to develop and guide the use of these within the scope of the MassHIway.

Key Questions:

- Do EMR's deployed have the ability to capture, store and refer to a patient (HIE) consent (opt-in) flag?

- Where should the clinical data filter point be for the use of a(n) HIE patient consent (opt-in) flag?

- Should there be a central consent flag repository within the MassHIway? If so, should patient's be offered the ability to manage their consent status, by organization from a secure web portal?

- The consent flag is for Phase II HIE - participation in the RLS and Query (pull) transactions of the MassHIway. Is there potential conflict with other uses / interpretations of the HIE consent flag such as local HIE's?

- Is the consent flag needed / required for records to be persisted within the eMPI & RLS?

- Should there be requirements for the refresh of the consent flag, similar to password re-sets?
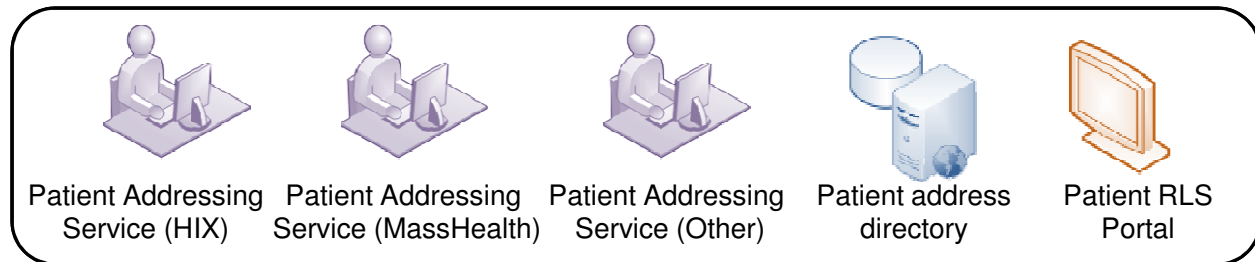
Patient Directed Messaging

Description: Services that enable patients to direct their electronic health information from a healthcare provider to a specified personal health record (PHR) or patient portal

Service components included in this phase

- Patient authentication, credentialing, and addressing service via Health Insurance Exchange (HIX), MassHealth (Medicaid), and (pending capability and willingness) MassHIway participating organizations

- Patient address directory, which is a database of patient Direct addresses linked to master person index (eMPI) and which can be accessed for address lookup

- Provider-to-patient secure document transmission

- Patient record locator service (RLS) portal

In this phase MassHIway will provide foundational services that may be leveraged by both public and private initiatives

Foundational Services for Patient directed exchange

| Patient Addressing Service (HIX) | Patient Addressing Service (MassHealth) | Patient Addressing Service (Other) | Patient address directory | Patient RLS Portal |

Use cases enabled in initial phase
- Discharge Instructions sent from Hospital to Patient PHR
- Encounter Summary sent from PCP or Specialist to Patient PHR
- Medical Summary sent from PCP or Specialist to Patient PHR
- Patient access to immunization data
- Patient views record locator service to see what information is in RLS related to him/her

Open discussion of LAND Device Operational Status

Current status

Future plans

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- Key points and recommendations synthesized and provided back to Advisory Group for final comments

- Presentation materials and notes to be posted to EOHHS website

- Next HIT Council – April 8, 2013, 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

Massachusetts eHealth Collaborative