

# NCPDP-HL7 Electronic Prescribing Coordination Project NCVHS Status Report

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# Summary of Prior Update

- The NCPDP-HL7 Electronic Prescribing (eRx) Coordination Project was launched. The need for collaboration has long been recognized.
- Several forces have coalesced to compel stakeholders to take action.
- The Project was launched in July of 2004 with 16 participants from both HL7 and NCPDP.
- Phase I goal: demonstrate the transmission of an electronic prescription from inpatient to outpatient setting
  - Mapping Guidance Document
  - Demonstrations at 2005 HIMSS and NCPDP Conferences
- Subsequent phases to include HL7v3 mapping and development of a change management plan.

# Kickoff Meeting Participation



Name	Organization	SDO Affiliation	
		NCPDP	HL7
Bob Beckley	SureScripts	•	
Tom Bizzaro	First DataBank	•	
Roy Bussewitz	NACDS	•	
Karen Eckert*	Medi-Span	•	•
Lynne Gilbertson	NCPDP	•	
Chuck Hauris	Cleveland Clinic		•
Ed Larsen	Independent consultant		•
Ross Martin*	Pfizer	•	•
Jim McCain*	VA, EDS	•	•
Livea Reich	Fanning (Pfizer consultant)		
Scott Robertson	Kaiser		•
Phillip Scott	NCPDP	•	
Terrie Shepherd	Walgreens	•	
Marge Simos	ExpressScripts	•	
Mark Singleton	RxAmerica	•	
Lee Ann Stember	NCPDP	•	

\*Designated NCPDP-HL7 liaisons

# Current Project Participation

Albert Edwards

Bob Beckley

Cathy Graeff

Charles Smith

Chuck Hauris

Donald Gravlin

Ed Larsen

Garry Cruickshank

Jane Fanning

Jessica Landisman

Jim McCain\*

Jodie Skyberg

Joe Rector

John Albertsons

John Elliot

Karen Eckert\*

Karen VanHentenryck

Ken Steen

Kerry Zajicek

Kevin Deysenroth

Lisa Carnahan

Lynne Gilbertson

Margaret Weiker

Marge Simos

Mark McDougall

Mark Sancrainte

Mark Singleton

Matthew Yeager

Mike Simko

Nancy Link

Peter Rontey

Richard Franck

Rick Sage

Rob McClure

Rob Reiss

Robert Hallowell

Roderick Nurse

Ross Bryant

Ross Martin\*

Ryan Brown

Scott Robertson

Tim McNeil

Tom Donia

Vassil Pevtchev

\*Designated NCPDP-HL7 liaisons

# Phase I Scenarios

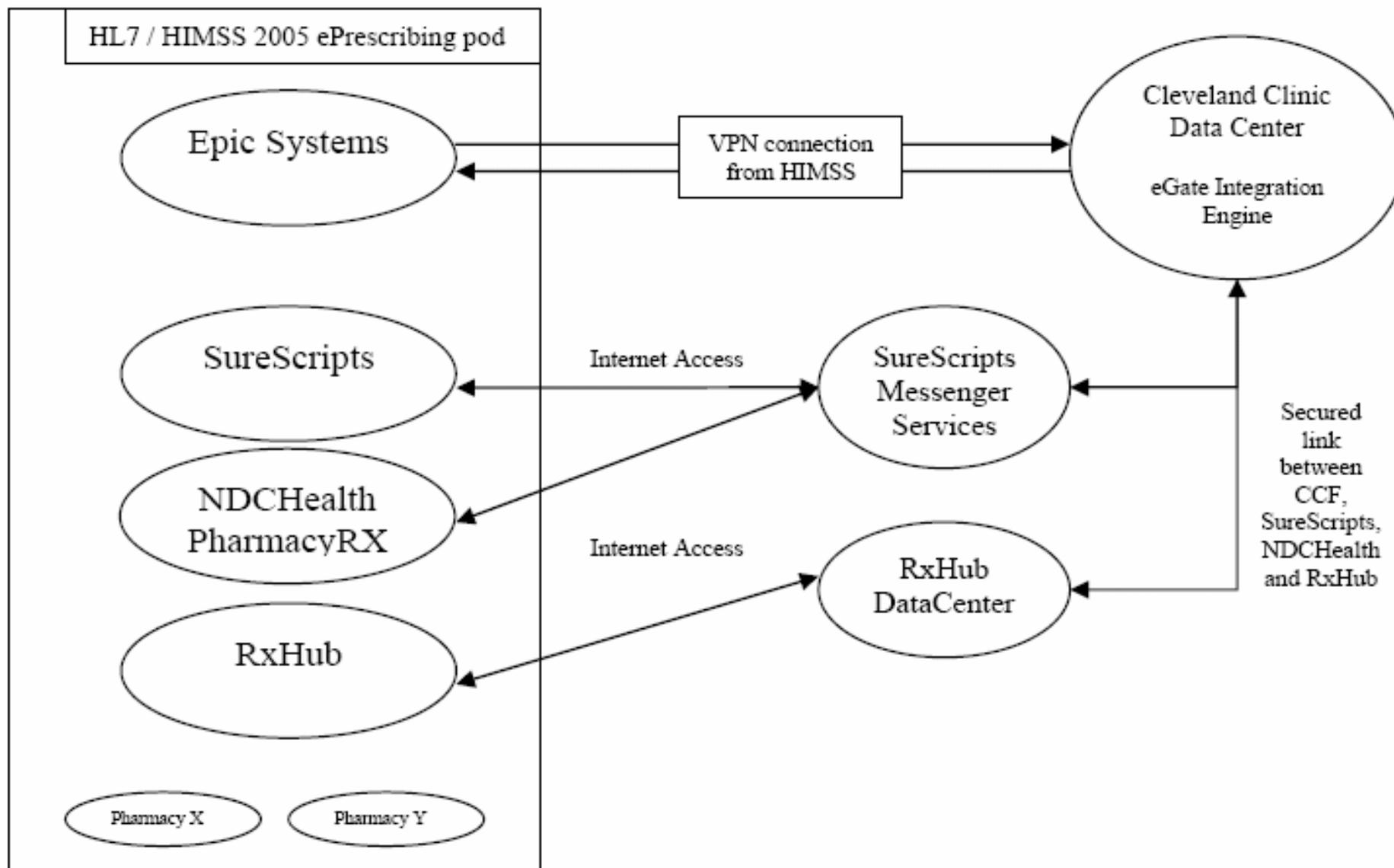
*A prescriber sees a patient and utilizes their CPOE system to generate a prescription request that will be delivered to a pharmacy for dispensing, for example upon hospital discharge or in ambulatory settings.*

- A prescriber in the above scenario ideally will have the following capabilities:
  - Initiate a request for a new prescription
  - Initiate a response to a refill (renewal) request from a pharmacy
- A pharmacy in the above scenario ideally will have the following capabilities:
  - Accept a request for a new prescription
  - Initiate a request for a refill

# Demonstration Project

- Goal: Two demonstrations in early 2005 showing successful messaging exchange between hospital CPOE system and community pharmacy
  - HIMSS – February 2005 in Dallas, Texas
    - Part of HL7 demonstration booth
  - NCPDP – March 2005 in Phoenix, Arizona
- Signed Participants
  - SureScripts (prescription transmission)
  - Epic Systems (Cleveland Clinic – inpatient system)
  - NDCHealth (pharmacy vendor)
  - Apelon (NextGen – RxNorm/NDF-RT translation for medication history delivery)
  - RxHub (Express Scripts – formulary & eligibility, medication history, prescription transmission)

# eRx Demo Scenario



# We Are Here (you should be too...)



## 2005 ANNUAL HIMSS CONFERENCE & EXHIBITION

**DALLAS CONVENTION CENTER**  
February 13-17, 2005  
Dallas, Texas

**Cross-Enterprise Showcase  
and Ambulatory IT Showcase  
HIMSS Interoperability Demos**

**Health Level Seven  
Interoperability for the  
21st Century Healthcare System  
Booth #3919**

**General Session**



# Timetable

<b>Date</b>	<b>Deliverable</b>	<b>Owner(s)</b>
1 August 2004	Collaboration workspace (Yahoo! workgroup)	Scott Robertson
Mid-August 2004	Revised project plan	Jim McCain
31 August 2004	HIMSS demonstration project application	Ed Larsen (for initial requirements)
30 September 2004	Mapping specifications draft document for use in the demonstration project	Bob Beckley, Jim McCain, Chuck Hauris
31 October 2004	Receipt of comments on mapping specification	Demonstration project and kickoff participants
31 December 2004	Publication of implementation guideline	Ross Martin and Jim McCain
31 January 2005	Completion of software testing for demonstration project	Demonstration project participants
13 February 2005	HIMSS Demonstration	Demonstration project participants
7 March 2005	NCPDP Demonstration	Demonstration project participants

# Project Sub-teams

Subteam	Description	Members	Deliverables	Dates
Demonstration Logistics	Define and manage logistics related to the February HIMSS Conference and March NCPDP Annual Conference.	Ed Larson, Nancy Link, Phillip Scott, Teri Byrne, Bob Beckley, Jim McCain, Vassil Peytchev, Ross Bryant, Albert Edwards, Jane Fanning	<ol style="list-style-type: none"> <li>1. Conference materials and signage</li> <li>2. Demonstration scenarios</li> <li>3. Conference physical environment</li> <li>4. Conference technical requirements</li> <li>5. Conference registration coordination</li> </ol>	HIMSS 2/12-17/05 NCPDP 3/ 6-9/05
Communication & Marketing	Communicate the group message to the industry as well as accomplishment and final versions of the deliverables	Nancy Link, NCPDP Meeting Planning and Marketing Department	<ol style="list-style-type: none"> <li>1. Communication Plan</li> <li>2. Press Release Materials</li> <li>3. Marketing Materials/Roadshow Documents</li> </ol>	TBD
Education	Train the experts to do the crossover work (NCPDP experts learning HL7 and vice versa). Version 3 only	Scott Robertson, Jim McCain, Lynne Gilbertson	<ol style="list-style-type: none"> <li>1. Review/ Revise Standards</li> <li>2. Education materials</li> <li>3. Conduct Training</li> </ol>	TBD
Transaction Mapping	To produce a guidance document which outlines mapping between the analogous HL7 standards and the NCPDP standards.	SureScripts, Cleveland Clinic, Veterans Health Administration	<ol style="list-style-type: none"> <li>1. Interface Descriptions</li> <li>2. Trigger Events</li> <li>3. HL7 Components</li> <li>4. NCPDP Components</li> <li>5. Data Elements</li> <li>6. Non-Standard HL7 &amp; NCPDP Rqmts</li> </ol>	TBD
Implementation Guide and standards document	Draft the final HL7-NCPDP implementation guide according to industry recognized standards	Café Rx, Lynne Gilbertson	<ol style="list-style-type: none"> <li>1. Implementation Guide</li> <li>2. Training requirements</li> <li>3. Education material (user guide)</li> </ol>	TBD
Change Mgmt	Develop a change management process for the future phases. Scope and plan Phase 2 of the mapping project.	Karen Eckert, Jim McCain, Lynne Gilbertson	<ol style="list-style-type: none"> <li>1. Change Management Process</li> <li>2. Change Mgmt Organization</li> <li>3. Phase 2 Scope &amp; Workplan</li> <li>4. Release management and version control</li> </ol>	TBD
Project Management Office	Coordinate the group timeline and priorities to accomplish stated objectives	Matt Yeager, Kevin Deysenroth, Beth Hunt, Jodie Skyberg	<ol style="list-style-type: none"> <li>1. Project Plan – Workplan management</li> <li>2. Issue Log – Issue management</li> <li>3. Meeting Agenda's – Coordination</li> </ol>	Ongoing

# Future Collaboration Opportunities



- Mapping to HL7 v3
- Standardizing the dosing instructions (the “sig”)
- Mapping HL7 to the NCPDP Telecommunications standard (for pharmacy claims adjudication)
- Bidirectional medication history information exchange

# Ongoing Support

- **HL7 and NCPDP Boards**
  - Joint review of collaboration project on August 10<sup>th</sup> in San Francisco
  - Ongoing discussions of further collaboration, training and coordination of demonstrations
- **Stakeholder in-kind support**
- **Café Rx**
  - Providing Project Management Office services for entire project
- **Current support needs/Challenges**
  - Meeting grants for educational programs

# Getting Involved

- Join the Listserv ([rxncpdp@lists.hl7.org](mailto:rxncpdp@lists.hl7.org))
  - Open to all and does not require membership in either organization.
  - Instructions on HL7 website at [www.hl7.org](http://www.hl7.org) by clicking on the list server link in the upper right hand section of the page (under Committees), and then scrolling down and clicking on the [rxncpdp@lists.hl7.org](mailto:rxncpdp@lists.hl7.org) link located under pharmacy list servers.
- Join the Yahoo! Groups web forum
  - Contact a project coordinator for details