



CMS

CENTERS for MEDICARE & MEDICAID SERVICES

HL7 MITA Project – Year in Review

Mary Kay McDaniel

2008 MMIS Conference
Nashville, TN
September 14-18



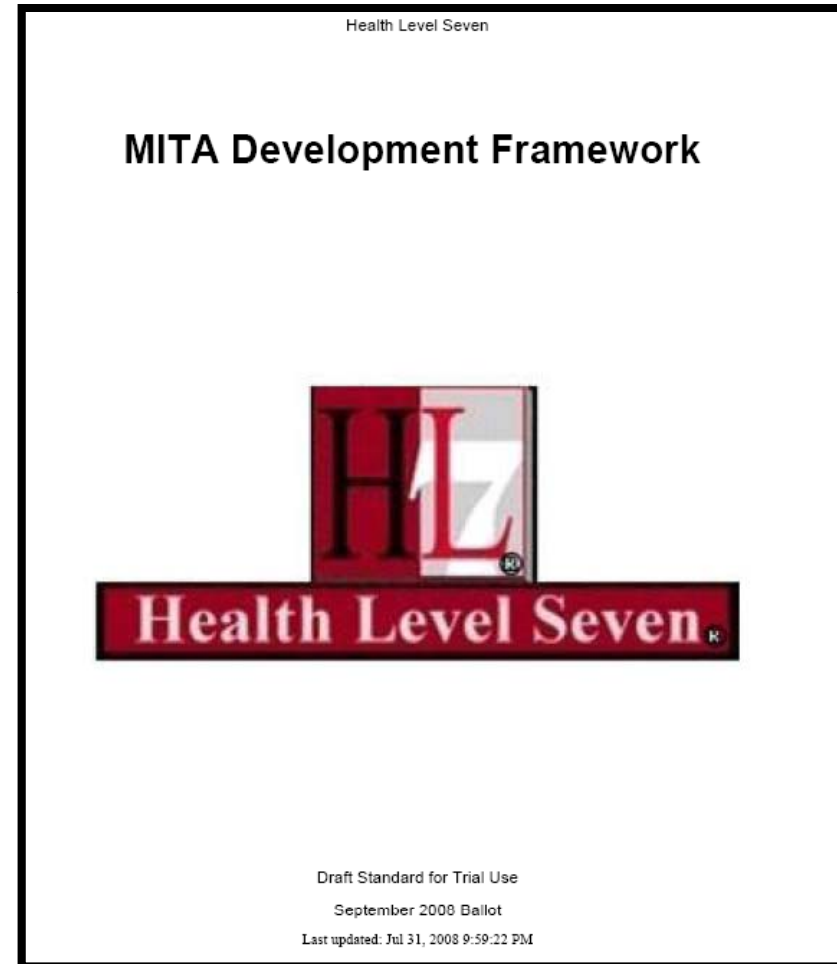
Year in Review

Ramp Up -

- September 2007
 - Finalized and received approval from HL7 for the HL7 MITA Project charter and scope
- January 2008
 - 1st formal face-to-face workgroup meeting in San Antonio, Tx
- May 2008
 - 2nd formal face-to-face workgroup meeting in Phoenix, Az

Year in Review

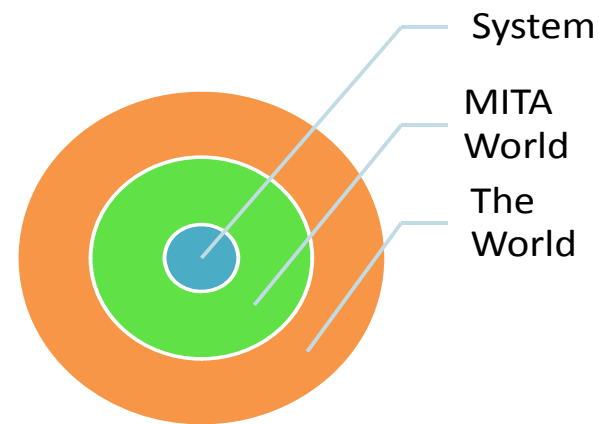
- September 2008
 - Developed and Balloted the MITA Development Framework
 - Meeting here at the MMIS
- January 2009
 - Orlando, FL
- May 2009
 - Kyoto, Japan
- September 2009
 - Atlanta, GA
- January 2010
 - Phoenix, AZ





Exactly *what* are we doing?

- Information Architecture
 - Information Models
 - Message Schemas
 - Data Standards
- ...Or...
 - Triggers [Message In]
 - Result [Response Message Out]
 - Shared Data
- Outreach/research



...Not drawn to scale....

Interface World

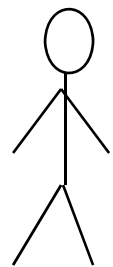
Information Architecture

- HL7 Version 3 [eXtensible Markup Language (XML)]
- For each Business Process we will produce:
 - Unified Modeling Language [UML]
 - Story Board
 - Use cases
 - Activity models
 - Message schemas
 - Information models
 - Abstract Web Services Definition Language [WSDL]
- A composite information model for each maturity level

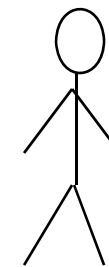
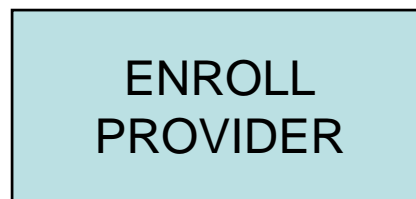
1st Modeling Effort

Enroll Provider

- Accepts an enrollment request from a potential Medicaid provider or authorized third party (i.e. another business process, credentialing service)
- Resulting in “an enrolled provider” [definition to follow]



Potential
Enrollee



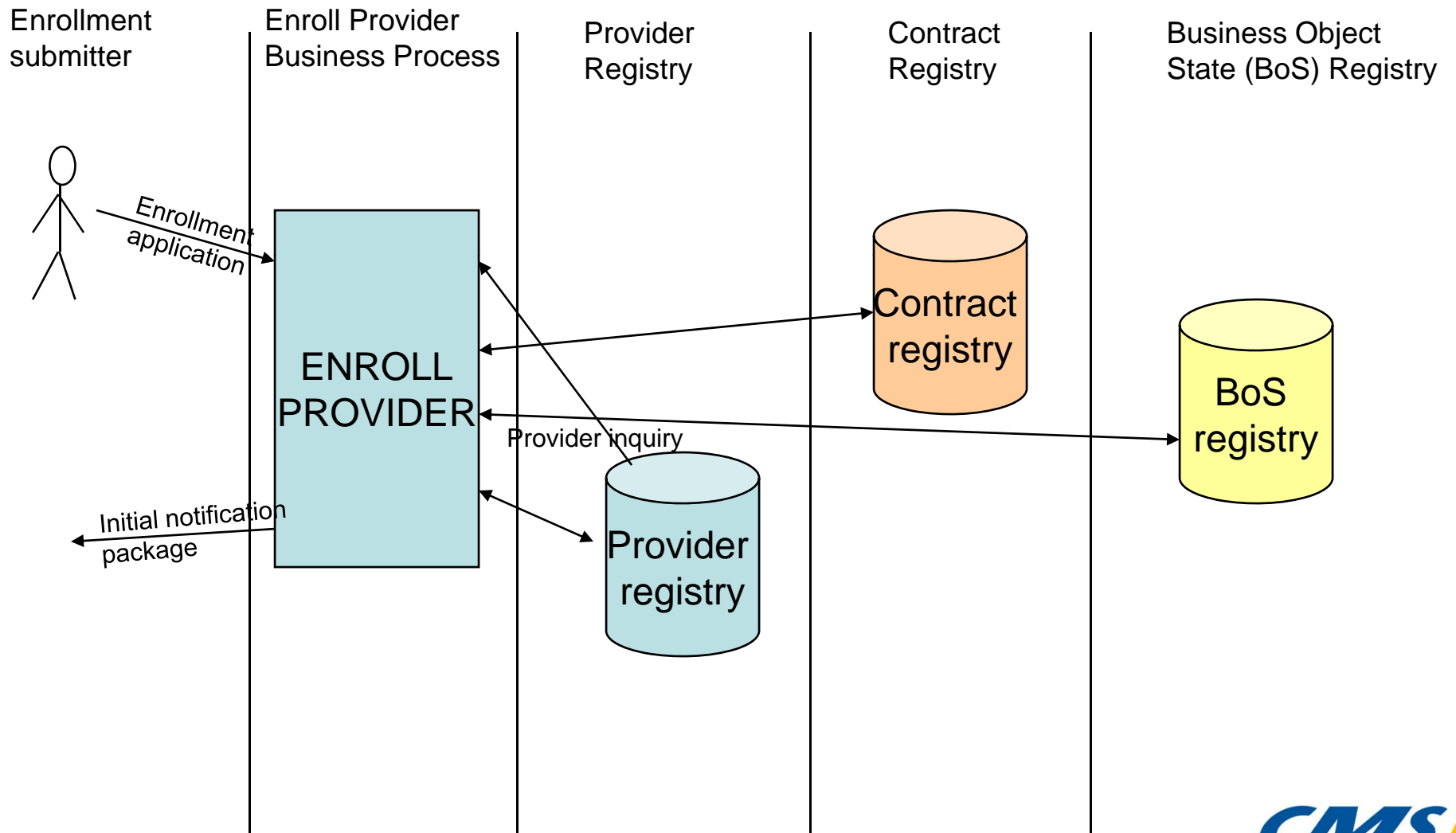
Enrollee



Enrollment type Messages

- Individual Professional Healthcare Provider
 - billing
 - rendering
- Group
 - Billing group
 - Healthcare Service Provider Group
- Institution
- Supplier & Manufacturers (DME)
- Pharmacy
- Medical transportation
- Atypical

High Level Provider Enrollment Activity Diagram



Use Case Brief

The following is a practicing physician:

- Incorporated
- Two separate office locations
- Employs both healthcare and administrative staff



Bulleted Use Case

- One Physician, multiple identifiers
 - US citizen
 - SSN, 222-44-4444
 - Arizona Medical License, 0000049549
 - DEA, KI5495492
 - NPI, 0758493021
 - Medicare enrolled pediatric cardiologist, Medicare number is Z23456
 - Education: undergraduate degree from Anystate University, a medical degree from Good Health University, pediatric cardiology residency was done at Good Health Hospital
 - Privileges at two hospitals, the primary hospital is Phoenix Children's Hospital, the secondary hospital is Phoenix Charity Hospital
- Multiple Practice Locations, DBA Sun Valley Children's Pediatric Cardiologists (SVCPC). Both locations offer the same pediatric cardiologist services. Besides standard cardiology services SVCPC also provides a variety of other services, e.g. radiology, EKG, lab tests and cardiac stress tests.
 - NPI for SVCPC is 1236549872
 - Practice manager is Mr. John D. Midas
 - Primary/Correspondence/Pay to Location
 - 1044 Healthcare Drive, Phoenix, Az.
 - Secondary location
 - 1050 Village Avenue, Scottsdale AZ
- Fully owned by Level Seven Healthcare, Inc an Arizona S-Corporation, 86-0234683
- SVCPC has three employees that do not bill directly but do provide services at both locations for SVCPC
- All healthcare providers speak Spanish fluently

Individual Physician Enrollment Use case

Dr. Karen K Kidder is a pediatric cardiologist in the Phoenix area that would like to enroll in the Anystate Medicaid program as a reimbursable provider. Dr. Kidder is an Arizona licensed and certified pediatric cardiologist. Dr. Kidder practices under the name Sun Valley Children's Pediatric Cardiologists (SVCPC). The primary location of SVCPC is located at 1044 Healthcare Drive, Phoenix, Az. SCVPC also has a secondary location at 1050 Village Avenue, Scottsdale AZ. Both locations offer the same pediatric cardiologist services. Besides standard cardiology services SVCPC also provides a variety of other services, e.g. radiology, EKG, lab tests and cardiac stress test. SVCPC is solely owned by Level Seven Healthcare, Inc an Arizona S-Corporation, 86-0234683. The billing address for SVCPC is the 1044 Healthcare Drive and correspondence for all billing related items are to be directed to Mr. John D. Midas the SVCPC practice manager.

Dr. Kidder is a US citizen. Her SSN is 222-44-4444, Arizona medical license number is 0000049549, DEA #KI5495492, NPI is 0758493021. Dr. Kidder is currently a Medicare enrolled pediatric cardiologist and her Medicare number is Z23456.

Dr. Kidder has an undergraduate degree from Anystate University, a medical degree from Good Health University. Her residency in pediatric cardiology was done at Good Health Hospital.

SVCPC has three employees that do not bill directly but do provide services at both locations for SVCPC. They are Horace Helper [physician assistant], Clarence Barton [nursing assistant], and Nancy Nightingale [registered nurse]. All of the healthcare providers at SVCPC speak Spanish fluently.

Dr. Kidder is affiliated with two hospitals, the primary hospital is Phoenix Children's Hospital, the secondary hospital is Phoenix Charity Hospital.

The NPI for SVCPC is 1236549872.



Identified Sub-Areas of Activities

- **Completed:**
 - Verification
 - Contracting
 - Credentialing
 - Financial
 - Other
- **In Process:**
 - Internal Updates and Communication
 - Respond to Provider

Information Model - Steps

Sent Professional Provider Data Element Set to states for review:

- CAQH Universal Provider Datasource [UPD] formed the basis,
- Added additional elements based on initial state data sources
- Compared the use case to the data listing
- Sent the data element listing to NMEH and the MITA state contacts for review
- Received comments back from 5 states

Discoveries

- This process is much bigger than anticipated
- Taking much longer than we had hoped
- Major issues with funding and the availability of volunteers
- Constraints in travel
- High frustration levels – because we are the first
- Vocabulary [as in what we call things] can be confusing

Challenges

- **Limited** [not nearly enough] **participating SMEs**
 - Medicaid Business Processes
 - Modeling
 - HL7 Development Framework / MITA Development Framework
- **Moving forward while bringing in new volunteers**
- **Communication**
- **Normalizing code sets across Medicaid**
- **How do we add/get/find/fund/beg/borrow or steal volunteers**

Plans for the coming year...

- Create a mentoring program for the HL7 MITA Project
- Develop a detailed project plan
- Document the steps [build repeatable processes]
- Process improvement activities around the data element spreadsheet sent out



Questions

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