

# AIRA and Standards Harmonization

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# Selected Themes: AIRA IIS Meeting, Denver, 2013

- Standardization
- Sharing
  - Joint Development
  - Open Source
- Systems/Structure
  - Certification

# In Support of Standardization

- "Standard message formats in HL7 define a query for a patient's immunization history, a response to that query when a unique patient is found, and an unsolicited update to an immunization history."
- "The existence of such an international standard allows multiple software vendors and registry developers to create uniform interfaces to their software, allowing disparate systems to talk to one another."

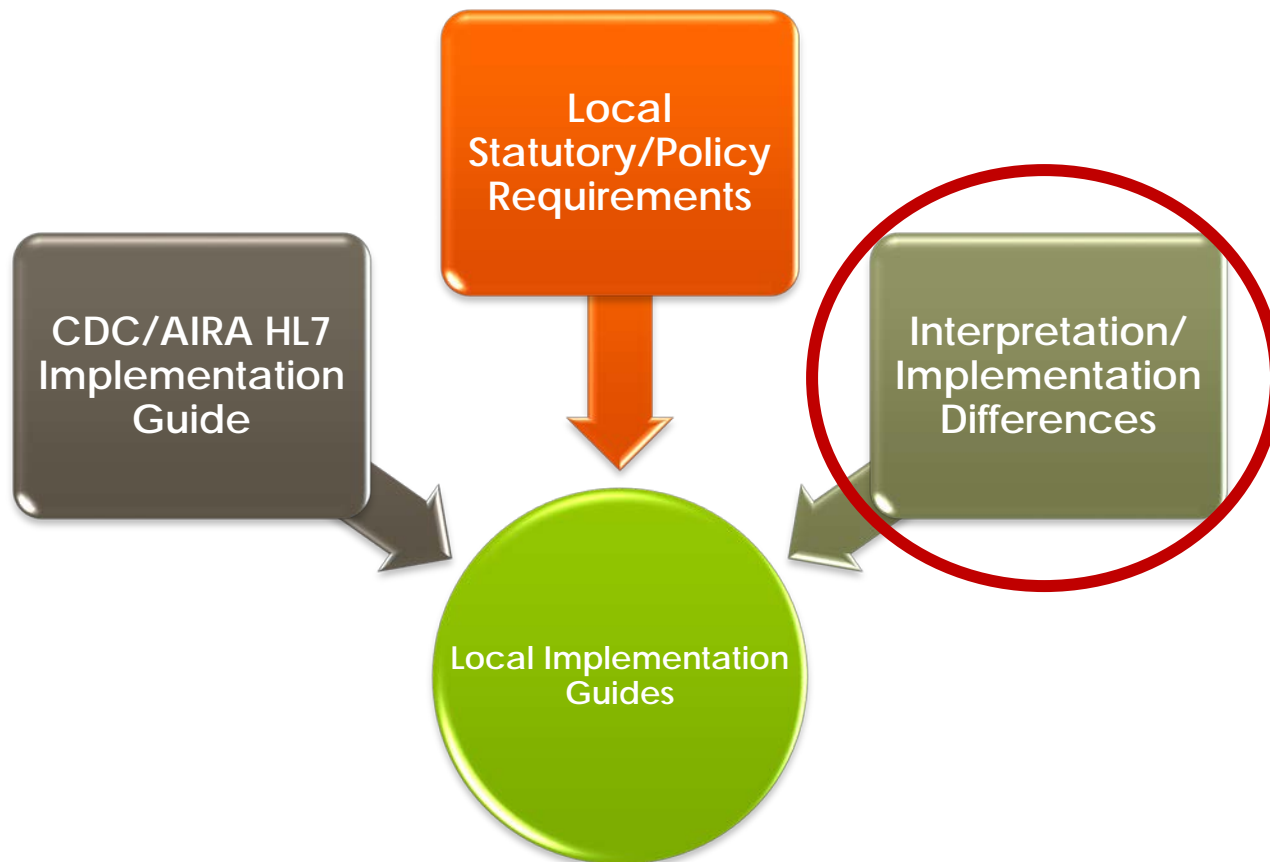
- Development of Community- and State-Based Immunization Registries, January 12, 1999

# In Support of Standardization

*"In God we trust  
All others bring data."*

*- W. Edwards Deming*

# Inputs to our Interfaces



# AIRA's Support of Standardization

- Standards and Interoperability Steering Comm.
  - HL7 Implementation Guide
    - Soon to release version 1.5
  - Represents AIRA with partner organizations
    - Joint Public Health Information Task Force (JPHIT), Public Health Data Standards Consortium (PHDSC), NIST, HL7, ONC, ACIP, NVAC, etc.
  - Supports Web Services workgroup
  - Comments on Meaningful Use Rules and Implementation

# AIRA's Support of Standardization

- MIROW
  - Published latest “best practice” chapter
    - Data Quality Assurance in IIS: Selected Aspects
  - Evaluating MIROW process and implementation at the IIS level
  - Considering next MIROW topics
    - Patient status codes
    - Bidirectional exchange best practices
  - Introducing “micro-guide” on lot level capture

# AIRA's Support of Standardization

- Assessment Steering Committee
  - IIS Self-Assessment Tool
    - data quality, functional capacity, and data usage
  - Developing methodology and process for IIS data quality evaluation
    - third party approach
  - Developing methodology for conducting population-based IIS immunization coverage Assessments



# AIRA's Support of Standardization

- Education Steering Committee
  - Getting the word out about standards
    - Webinars
    - SnapShots
    - Face-to-face meetings
  - Supports Training Workgroup

# AIRA's Support of Standardization

- Broader AIRA Efforts
  - Publishing results and findings
    - White paper: Recording Dose Level Eligibility in IIS
  - Representing IIS community
    - PHII-led meeting exploring consensus on bidirectional standards
  - Developing technical specifications
    - Logic guidance: IIS-based AFX coverage assessments

# AIRA's Support of Standardization

- Broader AIRA Efforts
  - Developed 2013-2016 AIRA Strategic Plan
    - Goal 1: Maintain Role as Leading Authority
      - Objective a: Develop and promote standards and best practices
        - Strategy 1: Identify areas that need standardization
        - Strategy 2: Develop standards and best practices
        - Strategy 3: Develop toolkits for implementation

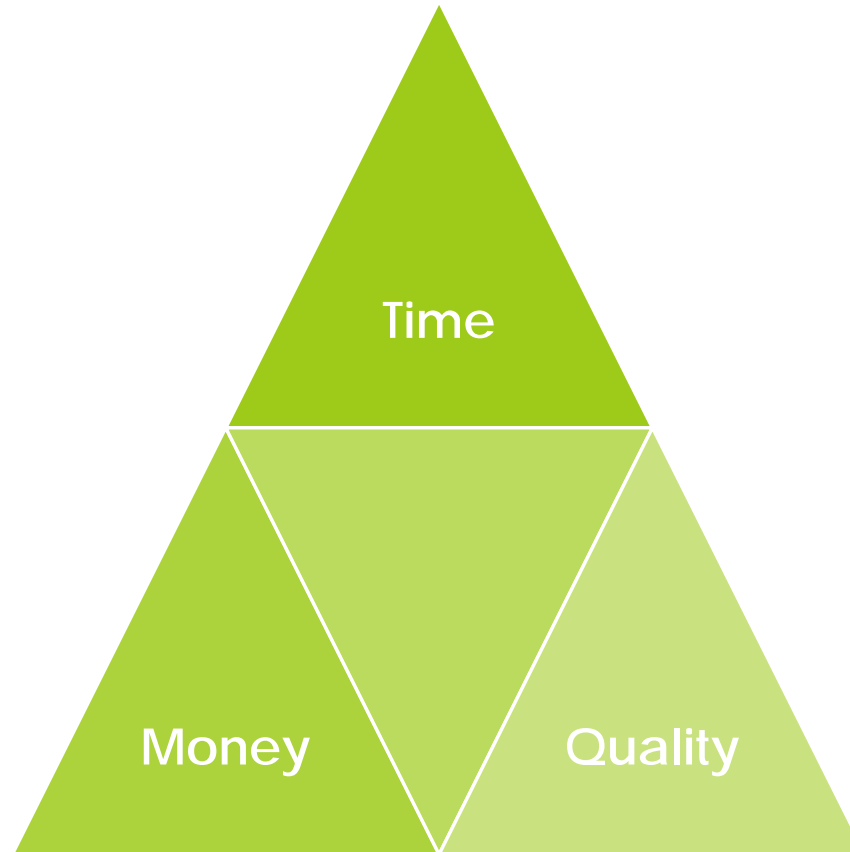
# AIRA's Support of Standardization

- Broader AIRA Efforts
  - Partnered with PHII to facilitate Joint Development Meetings, exploring opportunities for cross-program and cross-platform development

# AIRA's Support of Sharing

- Joint Development conversations are early, but fruitful
  - Many collaborative projects already underway
  - Program staff and implementers are engaged
  - Umbrella initiative needs to bring Joint Development concepts (governance, funding, communications/messaging, etc.) all together

# Trade-Offs



# AIRA's Support of Sharing

- Open source holds promise as a vehicle for future sharing
  - Depends on clear governance
  - Could represent cost savings, or cost shifts
  - Often employs beneficial modular approach to development

# AIRA's Support of Sharing

- Introducing Technical Assistance initiative to include:
  - Monthly "Discovery Sessions"
  - Mentoring
  - User Groups
  - Direct Assistance
  - Regional Workgroups



# AIRA's Support of Systems/Structure

- Benefits of formalizing sharing of processes across IIS programs
- AIRA is well-positioned to develop, support, and maintain these networks
  - Exploring development of a curated knowledge repository
  - Messaging to IIS community is key component
    - Particularly those awardees “off the grid”

# AIRA's Support of Systems/Structure

- Potential areas for certification-like process
  - HL7 update messaging (VXU, ADT)
  - Query messaging (VXQ, QPB, RSP)
  - Forecasting
- Certification (or validation) could be the measuring stick that helps us verify and communicate about the adoption of standards



*“Opportunities multiply as  
they are seized.”*

*- Sun Tzu*

# Questions, Comments, Feedback?

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