



The Role of AIRA in Achieving IIS Success

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Selected Themes: AIRA IIS Meeting, 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.”

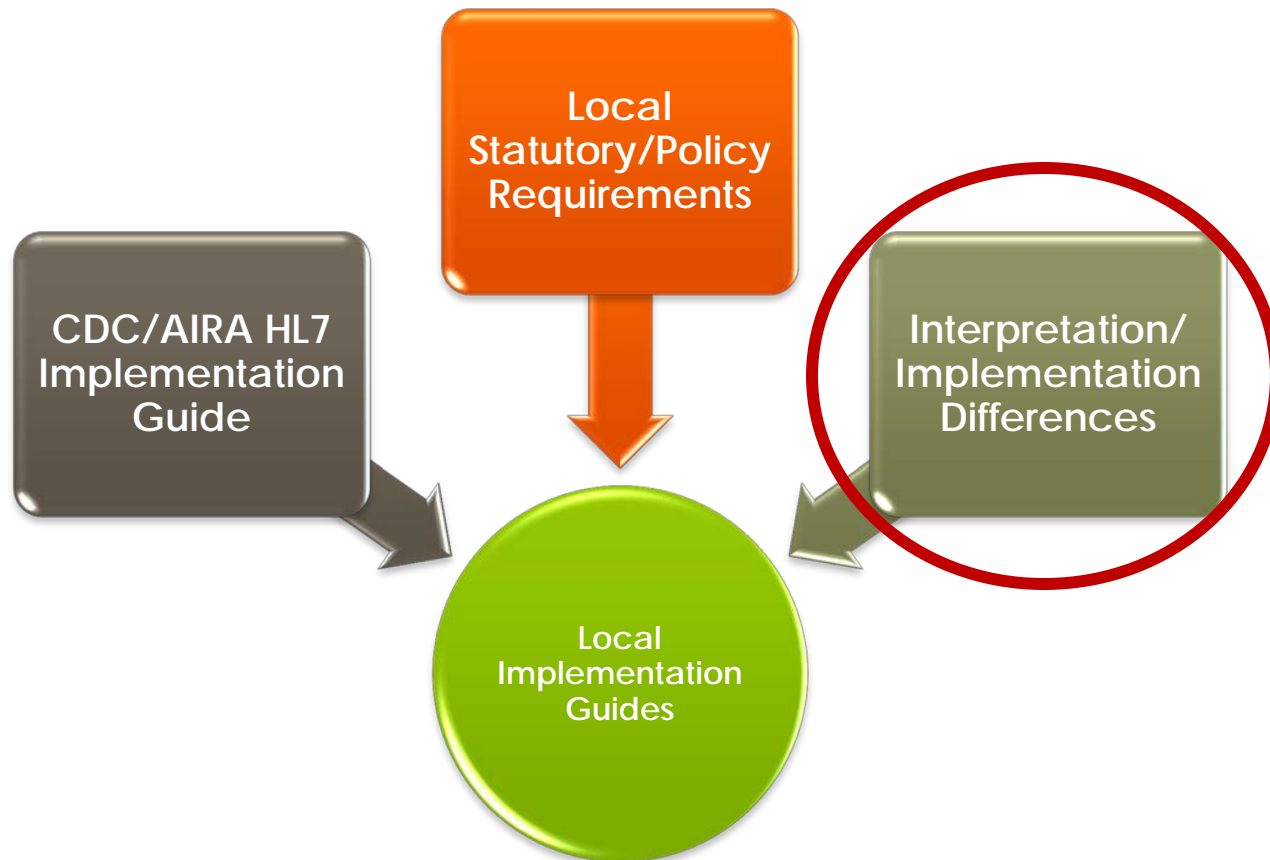
- Development of Community- and State-Based Immunization Registries, January 12, 1999

In Support of Standardization

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

- W. Edwards Deming

Inputs to our Interfaces



AIRA's Support of Standardization

- Steering Committee Work
 - Standards and Interoperability
 - Focus on HL7 Implementation Guide, determining content of version 1.5
 - Represents AIRA in discussions with JPHIT, NIST, ONC, and other key partners.
 - Supports Web Services workgroup
 - MIROW
 - Published Chapter 7: Data Quality Assurance in IIS: Selected Aspects

AIRA's Support of Standardization

- Steering Committee Work
 - Assessment Steering Committee
 - Released and promoted IIS Self-Assessment Tool, looking at data quality, functional capacity, and data usage
 - Education
 - Facilitated webinars on Using IIS for AFIX, Capturing Dose-level Eligibility, MIROW guide on IIS Inventory Management – all encourage best practices and standardization
 - Supported Training Workgroup

AIRA's Support of Standardization

- Broader AIRA Efforts
 - Facilitated community meeting with IIS and AIRA representation on dose level eligibility capture
 - Published white paper: Recording Dose Level Eligibility in IIS
 - Represented IIS community at PHII-led meeting exploring consensus on bidirectional standards
 - Represented IIS community at NCIRD Blue Ribbon Panel discussing IIS Strategic Plan

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 and prioritize functional areas of IIS that need standardization
 - Strategy 2: Develop and evaluate standards and best practices, for example through MIROW and SISC
 - Strategy 3: Develop toolkits and other necessary resources for implementation and management of IIS Programs

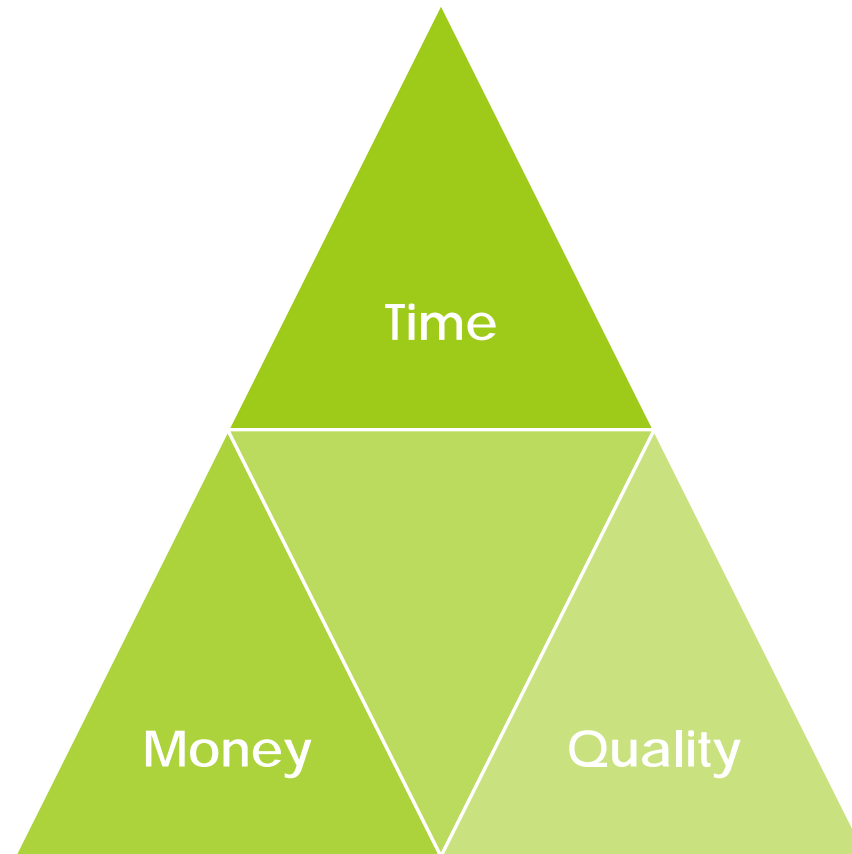
AIRA's Support of Standardization

- 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 Systems/Structure

- The IIS community would benefit from formalizing some of its processes across IIS programs
- AIRA is well-positioned to develop, support, and maintain these systems/structure
 - Interested in developing a curated knowledge repository
 - Messaging to IIS community is key component
 - Particularly those awardees "off the grid"

AIRA's Support of Systems/Structure

- Several areas across the IIS community would lend themselves to certification-like processes
 - IIS update messaging (VXU, ADT)
 - Query messaging (VXQ, QPB, RSP)
 - Forecasting
- Certification could be the measuring stick that helps us validate the adoption of standards

“Our enthusiasm should outweigh any concerns we have right now.”

*- Paul Shaeffer, AIRA Board Member
NYC Citywide Immunization Registry
October 8, 2013*



AIRA – The Next Two Years

Assessment Steering Committee

- Develop and implement a standard methodology and process for IIS data quality evaluation using an objective third party approach.
- Develop a standard methodology for conducting population-based IIS immunization coverage assessments

MIROW

- Current evaluation of MIROW process and implementation at the IIS level
- Future work includes additional MIROW topics
- Micro Guide

Standards & Interoperability

- HL7 guides
- Meaningful Use
- Organization Participation
 - HL7
 - Joint Public Health Information Task Force (JPHIT)
 - ACIP
 - NVAC

Technical Assistance

- New role of AIRA
- Initial roll-out to include:
 - *Monthly "Discovery Sessions"*
 - *Mentoring*
 - *User Groups*
 - *Direct Assistance*
 - *Regional workgroups*

AIRA does not intent to replicate the assistance that PHII provides. AIRA intends to work closely with PHII to promote ETAP as well as utilize PHII as one of the avenues to identify IIS Managers who would benefit from mentorship or other lower levels of technical assistance.

AFIX

Just awarded funds to develop

- Technical specifications and analytic logic guidance
- fundamental operational guidelines for planning and implementing program policies and procedures for conducting IIS-based AFIX coverage assessments

And as resources permit

- Cost-effective approaches for implementing IIS enhancements for IIS-based assessments
- Metrics will be developed to assess IIS capacity to support IIS-AFIX assessment integration
- Supplemental operational guidance

Questions, Comments, Feedback?

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