

IIS Joint Development and Implementation (JDI) Project Summary – Patient Matching<u>, DRAFT V3</u>.1

This summary outlines the basic information needed for a joint development and Implementation (JDI) project supported by AIRA and IIS programs, IIS vendors/implementers, and invested partners.

AIRA's primary objective for the JDI strategy is to develop and implement collaborative projects and services. For these projects, AIRA will provide, at minimum, project management and administrative support as needed. Project management will include leadership to address additional resource needs as feasible. Further project funding and inkind support will be provided by participating parties as dictated by the project selected.

Basic Project Informati	ion			
Project Title	Evaluation of Third-Party Patient Matching/Identity Management Tools for consideration of adoption			
Project Type	Tool: An application which assists an IIS in meeting a functional standard Tools or Operational			
See project type list for	and/or Technical Guidance: Crafting of requirements, recommendations, and reference			
definitions	materials for development and/or implementation			
Project Description and Output	This project would focus on the development evaluation of available modular third-party tools and consensus-based guidance for patient matching. This effort could present options to			
A brief overview of the project	greatly improve the quality of data in IIS by uniformly resolving duplicate records.			
	Output: Summary evaluation of third party tools, recommendations for implementation, and			
	possible implementation support.			
Background or Context	Record de-duplication is one of the core functionalities and challenges for IIS, one which could			
A summary of the problem(s)	benefit from collective analysis and documentation. Aside from expert panel outputs for best			
that the project is trying to	practices and test cases, no standards currently exist across the IIS community to support			
solve	patient deduplication. Standardized patient merging guidance and subsequent modular tool			
	development would be very useful, particularly if it were created with a platform-agnostic			
	approach.			
Existing Standards or	Guidance from the 2012 Expert Panel			
Guidance to Support the				
Project	MIROW Record Consolidation Chapter (pending)			
Existing Test Data or Testing	Test deck from the 2012 Expert Panel			
Tools to Support the Project	<u>Test data from ONC Patient Matching Challenge</u>			
Related Projects	MIROW Record Consolidation is focused on the resolution of records once a match has been			
Projects already in motion that	found.			
may affect this project, and	ONC is currently conducting a "Patient Matching Challenge,", and has test decks and that may			
their anticipated impact	be able to be leveraged in this process. AIRA has requested information on the date these			
	resources may be available following the challenge.			
Potential Participating Parties	All IIS and IIS Vendors			
Potential Additional	External efforts such as the Sequoia Project's framework and practical guidance for Patient			
Stakeholders	Matching or ONC's Patient Matching Challenge resources may offer both additional partners			
	and useful information to leverage in this evaluation.			
Potential Platforms/Systems	All IIS and IIS Vendors			
Benefiting from Project				



Immunization Information Systems for a New Era

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Will project outputs be available to other IIS					
available to other IIS	-	no cost, nowever, implementing a time-party solution would likely have associated costs. S			
	programs? Will there be costs				
or licensing fees?					



Immunization Information Systems for a New Era

Perceived Need/Urgency Is this a high priority for the community?	<mark>∃-</mark> ⊻High	<mark>□</mark> X Medium	Low
Viability as a Joint Development Project	X High	Medium	Low

Additional Information
Use this space to provide any additional information about the project not addressed above.
This project may have a particular sense of urgency for many IIS across the community who are actively evaluating needed
development of their patient matching functionality.