



**AIRA**  
AMERICAN IMMUNIZATION  
REGISTRY ASSOCIATION

# INFORMATION REQUEST

Topic: Data Modernization in the Supplemental Funding Application

**Request Date:** June 13, 2023

**Information Requested:**

The Vermont Department of Health is seeking ideas on how other states plan to address data modernization in the Supplemental Funding application.

**Requesting Member:** Bridget Ahrens (VT)

**Responding Member(s):** Jeff Chorath (WA)

**Results:**

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**Washington:**

Response from Washington on June 28, 2023. See attachment titled "IIS Modernization Grant."

Activities	Performance Measures	New/Update	Comments	Price
Create a messenger service and message-id that will persist the data	The program will see a decrease in providers unable to submit messages due to the registry going down	New		TBD
Develop a new portal that will allow for the management of the connections by the Program	This will allow for the Program to manage their connection for receiving and sending data. New functionality has not been previously available so improvement will establish a new baseline.	New		TBD
Integration of the append queue to IWeb	This will allow for the saving of the persisted enriched data. New functionality has not been previously available so improvement will establish a new baseline.	New		TBD
Create a UI component that will allow for the program to have self-service forecasting management.	This will allow for the Program to manage multiple schedule versions and corner cases with more flexibility. New functionality has not been previously available so improvement will establish a new baseline.	New		TBD
Create a self-service User Management portal that will offer more automated and flexible features such as bulk features, audit tracking, and electronic notifications.	Develop and implement a more enhanced User Management features that align with the IIS Functional Standards	New		TBD

Establish the ability for the Program to get visual representations of their message statistics. The program will have pre-defined message statistics just as volume, velocity, and origin. The ability to drill down into messages and have comprehensive reports. The program will also be able to establish their own defined message statistics.	The IIS will be able to have increased visibility into their messages that are coming into their registry. This will afford them the ability to establish a basis for all messages.	New		TBD
Training: Increase staff cloud capabilities; Databricks training; Data engineering & Azure certifications; FHIR Training	Number of staff completing at least one training; Total number of trainings completed	Update	Databricks Academy instructor-led courses cost \$1k-\$1.5K each. Introduction to Python for Data Science and Data Engineering \$1.5K; Data Engineering with Databricks \$1.5K; Machine Learning in Production \$1K; Scalable Machine Learning with Apache Spark \$1.5K	\$45,000
Expanded Facility Scorecards: Including full automation of creation and emailing	Number of scorecards sent; Time to complete processing of scorecards	New	\$5,000 (PowerBI Premium <i>Per Capacity</i> license)	\$5,000
Geocoding of CEDAR data	Number of records geocoded; GIS documents	New	\$2,680 (two ArcGIS Pro and Creator licenses)	\$2,700
Complete IIS updates to address IZ Gateway issues (bug tickets changed to "enhancement" by STC): HDS-8474 - Guardian relationship, HDS-7110 - SSN suppression, HDS-2981 - Unlogged responses, HDS-3853 - Dual global submitters, HDS-6643 - Import profile lists in random order	Successful testing and implementation in Production environment	New	<i>STC considers these "enhancements" so we will have to pay for this for them to complete these updates</i>	TBD

<p>Complete updates and deploy IQ (requirements to be re-defined) for onboarding workflow/documentation and data quality monitoring and analysis/reporting (implementation dependent on SAW SSO integration); (Project would include testing in UAT, capturing missing/new requirements, testing in QA, production validation, project tracker data migration, communication plans and materials development, training plans and training and reference materials development, staff and potentially external user training)</p>	<p>Successful testing and implementation in Production environment</p>	<p>New</p>	<p><i>WA paid for most of the development but STC did not complete the missed requirements pre-COVID and stopped working due to SAW integration. We suspect STC will ask for more money</i></p>	<p>TBD</p>
<p>Deploy updated VOMS and IQIP Modules (implementation dependent on SAW SSO integration) (Project would include testing in UAT, capturing missing/new requirements, testing in QA, production validation, communication plans and materials development, training plans and training and reference materials development, staff and external user training)</p>	<p>Successful testing and implementation in Production environment</p>	<p>New</p>	<p><i>We already paid for VOMS/IQIP implementation. But may need funds for staff overtime, software, communication, consultation.</i></p>	<p>TBD</p>
<p>Modify PHC Hub logging and archiving functionality to improve performance and HL7 troubleshooting activities</p>	<p>Ability to separate and archive log data (not delete)</p>	<p>New</p>	<p><i>Behind the scenes functionality; mainly for troubleshooting</i></p>	<p>TBD</p>

<p>If/when new CDC HL7 Implementation Guide is published update IIS to meet new/changed standards. (Project would include gap analysis and working with consortium to prioritize requirements, testing in UAT, capturing missing/new requirements, testing in QA, production validation, communication plans and materials development, training plans and training and reference materials development, staff and external user training)</p>	<p>Successful testing and implementation in Production environment</p>	<p>Update</p>	<p><i>Since the consortium had to pay for the last upgrade (2.3 to 2.5) in 2012 , we assume STC will ask consortium to fund it.</i></p>	<p>TBD</p>
<p>Conference Attendance for staff: AIRA Annual Meeting; AIRA Regional Meeting; PHII Conference; HIMSS Conference; FHIR (Fast Healthcare Interoperability Resources) Connect-a-thons; National Immunization Conference; STCHealth TLC, CSTE</p>	<p>Total number of staff attending various conferences</p>	<p>Update</p>		<p>\$120,000</p>
<p>Create a change request to <i>create a new permission that would grant full School module access but limit it to be a "View" account (do everything but not be able to edit the Vaccinations section ie. Vaccination View only)</i>. Applied to School Nurse &amp; School District Client accounts that would: Allow view only access of the vaccination section (like a Facility View account) and allow access to all the other School Module edit features and reports (HDSD-8136)</p>		<p>New</p>		<p>TBD</p>

Display alias name rather than legal name for school rosters (HDS-5950)		New		TBD
Stay up to date with the latest EXIS business rules		Update	EXIS is the process of downloading data from IIS for upload into CDC's VTrcks system and vice versa	TBD
AART Validation	The goal with this work is to reach Complete (advanced) Validation by closing specific AART gaps based on the latest review from AIRA.	Update		TBD
MyIR Mobile Multi-Language	The goal with this work is to add alternative languages within the MyIR Mobile application, so that the entire application can be viewed in different languages.	New		\$30,000