



AIRA

AMERICAN IMMUNIZATION
REGISTRY ASSOCIATION

IIS Technology Partner Product Testing and Validation Summary

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What is Product Testing and Validation?

Product testing and validation through Measurement and Improvement (M&I) provides IIS technology partners with an objective, independent testing process for their base product or modular component; the available data will enable IIS technology partners to share their progress toward meeting national standards with the broader IIS community. The results can be shared with current and potential IIS customers and/or used to make enhancements, to further align with standards.

Using shared independent testing results to prioritize enhancements and collaborative work between IIS programs and IIS technology partners will help prioritize essential improvements and community-wide adoption of standards across the IIS community.

Over time, comprehensive adoption of standards will reduce costs and resources needed for onboarding and maintaining interfaces.

Both IIS programs and IIS technology partners have expressed a desire to use results from independent testing in the contracting and procurement processes.

AART will display complete levels of Validation for IIS technology partner products. AIRA will provide IIS technology partner products who meet the status of “Validated” at the complete level with a formal statement they can include in their communication, marketing materials, and procurement responses. IIS technology partner products that achieve complete validation will also receive a digital badge that can be placed and promoted across technology partner communication outlets. Please visit the AIRA webpage at www.immregistries.org for more details.



*Following the stages Testing and Discovery, and Assessment, **Validation** is a summary stage to acknowledge and share results for IIS technology partners that are progressing toward or achieving alignment with community-selected measures and tests. A Product Validation designation is automatically achieved when an IIS technology partner meets the designated complete measures and tests in a specific content area (e.g., Transport, Submission, Query, etc.), as specified in the AIRA developed Aggregate Analysis Reporting Tool (AART).*

What are the Benefits of Product Testing and Validation?

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Testing and Validation make alignment with IIS Functional Standards visible through the objective, independent testing process.

Increasingly, contracting language within the IIS community is requesting alignment with IIS Functional Standards. All M&I content areas are driven by the IIS Functional Standards and provide results that give IIS technology partners the needed information to make enhancements to align their products with standards. Participation in this process will allow IIS programs and IIS technology partners to support each other in alignment with national standards. However, we recognize that testing results may differ between the same IIS software depending on application configuration settings, hosting, and production environmental factors.

Sharing results builds confidence in IIS across other communities.

Demonstrating publicly that IIS technology partner products are meeting standards in a validated, meaningful way will improve collective IIS' credibility.