

HEALTH IT
STANDARDS TESTING INFRASTRUCTURE



NIST Health IT Program Sunset and Transition Plans



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NIST

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Topics

- ❖ Summary of Sunset/Transition of NIST Health IT Program
- ❖ Timelines
- ❖ NIST AWS Transition
- ❖ Tools
- ❖ Projects
- ❖ Sunset/Transition/Program Continuation
- ❖ Source Code
- ❖ Installing Tools Locally
- ❖ Accounts and Data
- ❖ Legacy Website/New Website
- ❖ These are the preliminary plans, expect periodic updates

Transition Plan Summary

Event	Timeframe	Plan
Program “End”	April 5 th , 2026	<ul style="list-style-type: none">• NIST ITL Reorganization Takes Effect. Officially there will be no NIST Health IT Group
AWS Transition	April-June 2026	<ul style="list-style-type: none">• NIST requirement to move web application and services from NIST servers to NIST AWS
Transition Period	April 5 th , 2026 October 1 st , 2026	<ul style="list-style-type: none">• NIST and Prometheus Computing, LLC will archive or transition projects, services, and tools in an orderly and responsible manner• Expect minimal/moderate disruption of the tooling and support during this period• NIST intends to fulfill current obligations• NIST staff and contractors will remain available on various levels• We envision tools to migrate “one-by-one” and “not all-at-once” during this timeframe
Continuation	Post October 1 st , 2026	<ul style="list-style-type: none">• Prometheus Computing, LLC will support a subset of the projects, services, and tools that aligns with funding it obtains

NIST AWS Transition

- ❖ NIST Requirement to transition all web applications to AWS
- ❖ Irrespective of the Health IT Program Discontinuation
- ❖ In-progress—most have been migrated internally
- ❖ Internal testing on-going
- ❖ We expect this to be seamless
- ❖ April-June Timeline—to switch externally
- ❖ So be on the look out for this...

Who is Prometheus Computing, LLC?

- ❖ U.S. Small Business
- ❖ Since its inception in 2006, Prometheus has been supporting NIST
- ❖ NIST Guest Researcher → Contractor → NIST Employee
- ❖ Specializing in custom digital solutions from ideation through operation, standards and technology research
- ❖ Prometheus will establish a Health IT Division
- ❖ Staffing
 - ❖ Rob Snelick to become Prometheus employee and lead the Health IT Division
 - ❖ Other NIST staff will stay at NIST and are being reassigned
 - ❖ Existing NIST Contractors (via Prometheus) will remain at Prometheus
 - ❖ Prometheus Health IT Division looks to backfill positions and needs
- ❖ Funding Sources
 - ❖ CDC Immunization Division – Commitment
 - ❖ ASTP/ONC – In Discussion

What will happen to the Tools?

1. Archived

- ❖ Tools that have been superseded by a newer version
- ❖ Tools that we don't have the resources to support, and we can't find a new home

2. Transitioned to Prometheus Computing, LLC

- ❖ Tools that funding support is provided

3. Transitioned to other organizations

- ❖ Tools that another organization is willing to support

Web-Application Tools Plan

Web-Application Tools	Plan	Docker	AWS	ONC Certification
IGAMT-1	Retire	Yes	No	No
IGAMT-2	Transition	Yes	Yes	No*
TCAMT-1	Transition	Yes	Yes	No*
TCAMT-2	Future	N/A	N/A	No
GVT	Transition	Yes	Yes	Yes**
P-ACT	Transition	Yes	Yes	No
Immunization TS-1	Transition	Yes	Yes	Yes
Immunization TS-2	Transition	Yes	Yes	Yes
HIMMS IIP Immunization	Transition	Yes	Yes	Yes***
Syndromic TS-1	Dependent	Yes	Yes	Yes
Syndromic TS-2	Dependent	Yes	Yes	Yes
LRI	Dependent	Yes	Yes	Previous
ELR	Dependent	Yes	Yes	Yes
Lab Test Suite	Dependent	Yes	Yes	No
FITS-1	Transition	Yes	Yes	No
FITS-2 (Feb. 2026 Release)	Transition	Yes	Yes	No
IHE Device Communication	Transfer to IHE/Archive	Yes	Yes	No
RTMSS	Transfer to IHE/???/Archive	Yes	Yes	No
CDA Validation Suite	Retire/Archive	No	No	Yes****
HL7 IG Viewer	Future	N/A	N/A	N/A
Web Services	Plan	Docker	AWS	ONC Certification
APHL ELR Custom Tools	Dependent	Yes	Yes	No
Code Set Service	Transition	Yes	Yes	No*

* Tool that Certification Tools depends on to build

** General Validation Tool that is host for the CDA test tools

*** Alternative ONC Certification Supported by NIST Tooling

**** Proposed in HTI-5 for removal

Tools scheduled for “Transition” have received funding commitments from the CDC Immunization Division

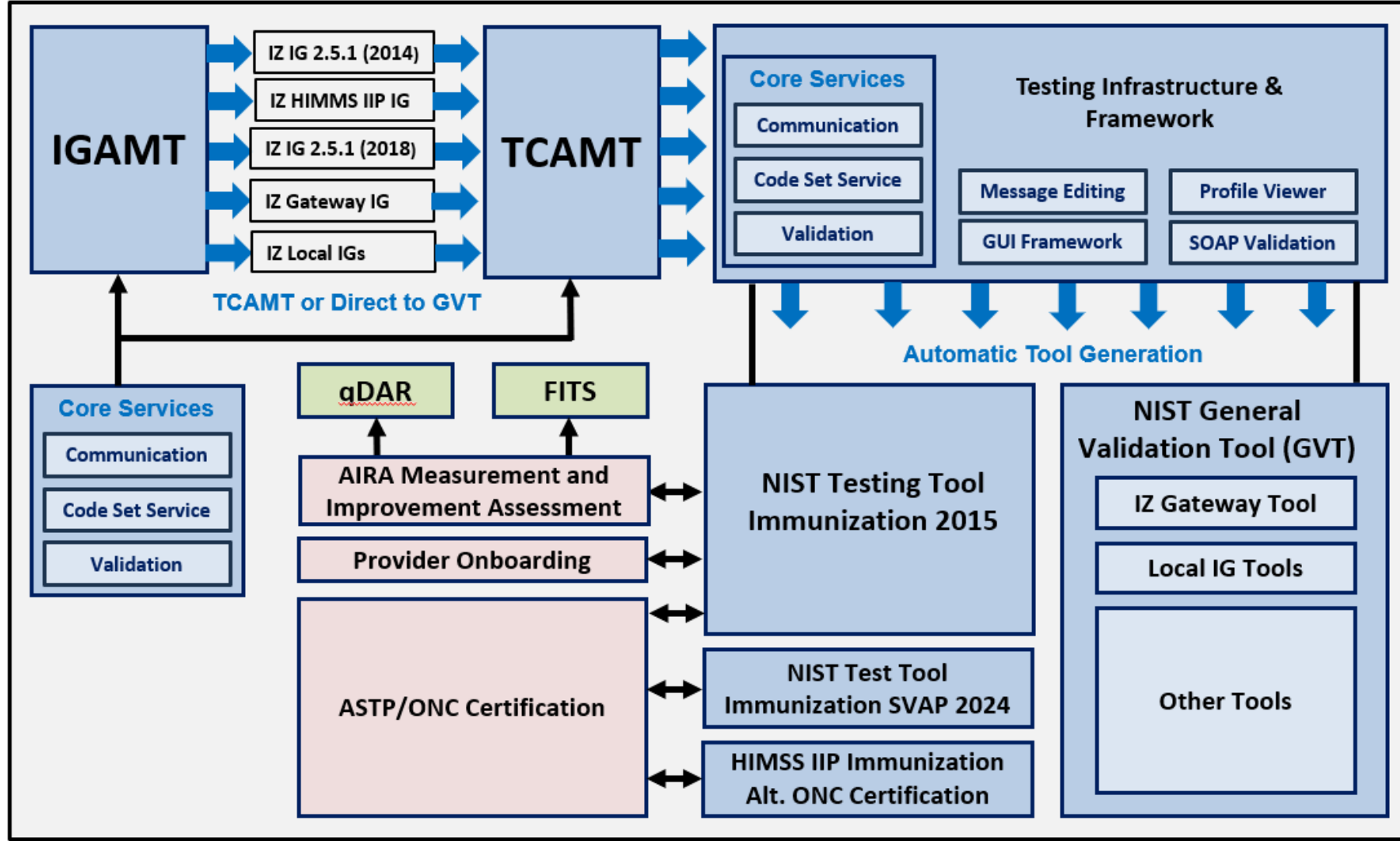
Dependent = Depending on funding to transition to Prometheus; another organization is willing to support/host, or no one is willing to fund or support and therefore it will be archived.

Plan for Other Tools, Projects, & Infrastructure

Other Tools and Projects	Stakeholders	Plan
qDAR	AIRA	Transition
HIMMS IIP Immunization	CDC/ONC/AIRA	Support
IZ Gateway	CDC	Support
IZ TS SOAP Testing	CDC/AIRA	Transition
HL7v2+ Publisher & Website	HL7	Transfer to HL7
Local IGs	CDC	Support
New Immunization IG (IGEG)	CDC/AIRA	Support
Local GVT Customized Tools	Local Systems	Support
APHL ELR Custom Tools	APHL	Transfer or Archive
Vocab service + APHL service	APHL	Transfer or Archive
IIS Sandbox	AIRA	Transition
EHR IZ Sandbox	AIRA	Transition
Testbed Proxy	AIRA	Transition
Synthea Patient Generator	AIRA	Transfer to AIRA
Message Modifier	AIRA	Support
Valudation Summary Tool	NIST Internal	Dormant
MQE	AIRA	Support
XDS Toolkit / FHIR Toolkit	ONC/IHE/Sequoia	Transfer/Archive

Infrastructure	Stakeholders	Plan
Resource Portal App	Many	Transition
NIST Project Legacy Website	Many	Build New
HL7 v2 Validation	Many Tools	Transition
Code Set Service	Many Tools	Transition
Profile Registry	Many Tools	Future
Google Groups	Many	Transition
Github	Many	Transition
GitLab Infrastructure	Many	Transition
Nexus	Many	Transition
DockerHub	Many	Transition
Servers/AWS	Production Tools	Transition

Example Tool Interaction - Immunization



Source Code

- ❖ Source Code and Tools originated from publicly funded work
- ❖ NIST source code is in the public domain, and will remain so
- ❖ A snapshot of the NIST codebase may be forked
- ❖ Prometheus will fork, evolve and maintained the platform and tools
- ❖ The Prometheus fork will also be in the public domain

Installing Tools Locally

- ❖ Web Apps can be installed locally via docker images
 - ❖ Docker images will not contain user data
 - ❖ Data transfer necessary (options discussed in Next Slide) or start new
 - ❖ Need to consider the tool dependencies (so likely multiple pieces of the platform)
 - ❖ Data skew (e.g., model updates), if seeking to keep in-sync with latest versions
- ❖ Key Point: if installing locally, overtime updates, bug fixes, model changes will not be reflected in older versions of the tools which will likely lead to incompatible/invalid data (if seeking to update to newer versions of the tool)

User Accounts and Data Transition Plans

- ❖ How will accounts and data be migrated?
- ❖ Depends on the specific tool/service
- ❖ We are contemplating various approaches:
 - ❖ Option 1) User Opt-in Transfer:
 - ❖ Users explicitly authorize the transfer of their accounts and data
 - ❖ Standardized Process
 - ❖ Option 2) Simple Self-Service Transfer Utility:
 - ❖ Provide an easy-to-use tool that allows users to transfer their accounts and data with minimal effort
 - ❖ Export and then Import data when the tool allows it
 - ❖ Option 3) Guided/Assisted Migration Option:
 - ❖ Users can contact our team for support, and we will work with them throughout the transition to facilitate account and data migration
 - ❖ Customized Process
- ❖ Transition Clean-Up Process:
 - ❖ Transition tools will start empty
 - ❖ Get rid of old and irrelevant data

Legacy Website

- ❖ NIST to create a legacy web-site
- ❖ Track progress of the transition
- ❖ Listing of all tools and projects
- ❖ Information page for each tool and project
- ❖ Information page to include:
 - ❖ Description
 - ❖ Status
 - ❖ Archived
 - ❖ Supported by Prometheus
 - ❖ Supported by another entity
 - ❖ Links to github for source code archive
 - ❖ Links to Docker images, war files, if applicable
 - ❖ Relevant documentation
 - ❖ Redirect to new home for tool, if applicable
 - ❖ Etc.

Questions on Tools and Support?

- ❖ Will tools remain “free”?
 - ❖ Yes, as resources allow (in scope)
- ❖ Can I run my own instances of the tools?
 - ❖ Yes. Download and install locally
 - ❖ However, updating while retaining local data may be complicated
- ❖ Will Prometheus provide user support for the tools?
 - ❖ Yes, for tools and issues in-scope of funding agreements
 - ❖ Yes, for bug fixes
 - ❖ Yes, for general user questions and issues
 - ❖ No, for non in scope customized features and support
- ❖ Will NIST and/or Prometheus help us transfers the tools and data?
 - ❖ Yes, reach out to us soon to discuss
 - ❖ We will want to complete this in the transition period
- ❖ Will Prometheus evolve the tools and program?
 - ❖ Yes, this the intent (funding dependent)

Post Meeting Clarifications I

- ❖ NIST Health IT Program officially ends April 5, 2026
- ❖ Existing tools and services will remain on NIST servers for a period but no later than October 1, 2026
- ❖ During the transition period of April 5-October 1
 - ❖ Some tools will be archived (available for download)
 - ❖ Some tools will be transitioned to Prometheus where funding is provided
 - ❖ Some tools will be transferred to other organizations that are willing to support the tool and have the resources to do
 - ❖ What category the tools fall into is preliminary; initial disposition of a tool/service/project can be found on slides 7 and 8
 - ❖ Tools that get transitioned MAY have an overlap period (i.e., NIST and its new home, be it Prometheus or another organization)
 - ❖ There will be an Opt-In period for those who wish their account data to be transferred
 - ❖ For tools that will be transitioned to Prometheus, NIST and Prometheus will handle the account and data transfer mechanisms and processes, maintenance and updates
 - ❖ For tools that will be transitioned to another organization, that organization will provide details for data transfer mechanisms and processes, maintenance and updates; NIST and Prometheus can help with the initial setup
 - ❖ Therefore, there will be a period where multiple instances of a tool will be running, the new site (home) and the NIST site. Once the user account is transferred, users will use the new tool site. This allows for a transitioning period. Once all user accounts and data have been transferred from a tool, the NIST site will be shut down

Post Meeting Clarifications II

- ❖ Tools will migrate on individual schedules, and some will be bound by tool dependencies
- ❖ No schedule has been set at this time. We hope the bulk of the transition will happen in the June-August timeframe
- ❖ Prometheus Computing intends to maintain and to further develop the program to the extent to which funding is provided to support the work/particular tool
- ❖ Given anticipated funding levels and reduced staff, Prometheus will not be able to maintain the entirety of the program and level of support that NIST has provided in the past
- ❖ Some tools will be archived; we will message this as soon as we can so stakeholders can prepare accordingly
- ❖ NIST intends to fulfill its current obligations to stakeholders up to October 1st
- ❖ There are many unknowns and much to do, we have little visibility on how smoothly or poorly the transition process will go

Credits: Team Members Past and Present

- ❖ Rob Snelick
- ❖ Caroline Rosin
- ❖ Sheryl Taylor
- ❖ Hossam Tamri
- ❖ Abdel El Ouakili
- ❖ Youssef Bouij
- ❖ Nicolas Crouzier
- ❖ Ismail Mellouli
- ❖ John Garguilo
- ❖ Sandra Martinez
- ❖ Mike Indovina
- ❖ Harold Affo
- ❖ Andrew McCaffrey
- ❖ Clement Hennequin
- ❖ Michael Faughn
- ❖ Jungyub Woo
- ❖ Kevin Brady
- ❖ Lisa Carnahan
- ❖ Salifou Sidi Malick
- ❖ Sydney Henrard
- ❖ Len Gebase
- ❖ Roch Bertucat
- ❖ Maria Cherkaoui
- ❖ Maxence Lefort
- ❖ Ken Gebhart,
- ❖ Bill Majurski
- ❖ Sunil Bhaskarla
- ❖ [And many more in the community...](#)

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***Thank You
Questions?***

Access updates here:

<https://www.nist.gov/itl/health-it-program-legacy>

NOTE: URL updated post meeting once site was established (June 2026)

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