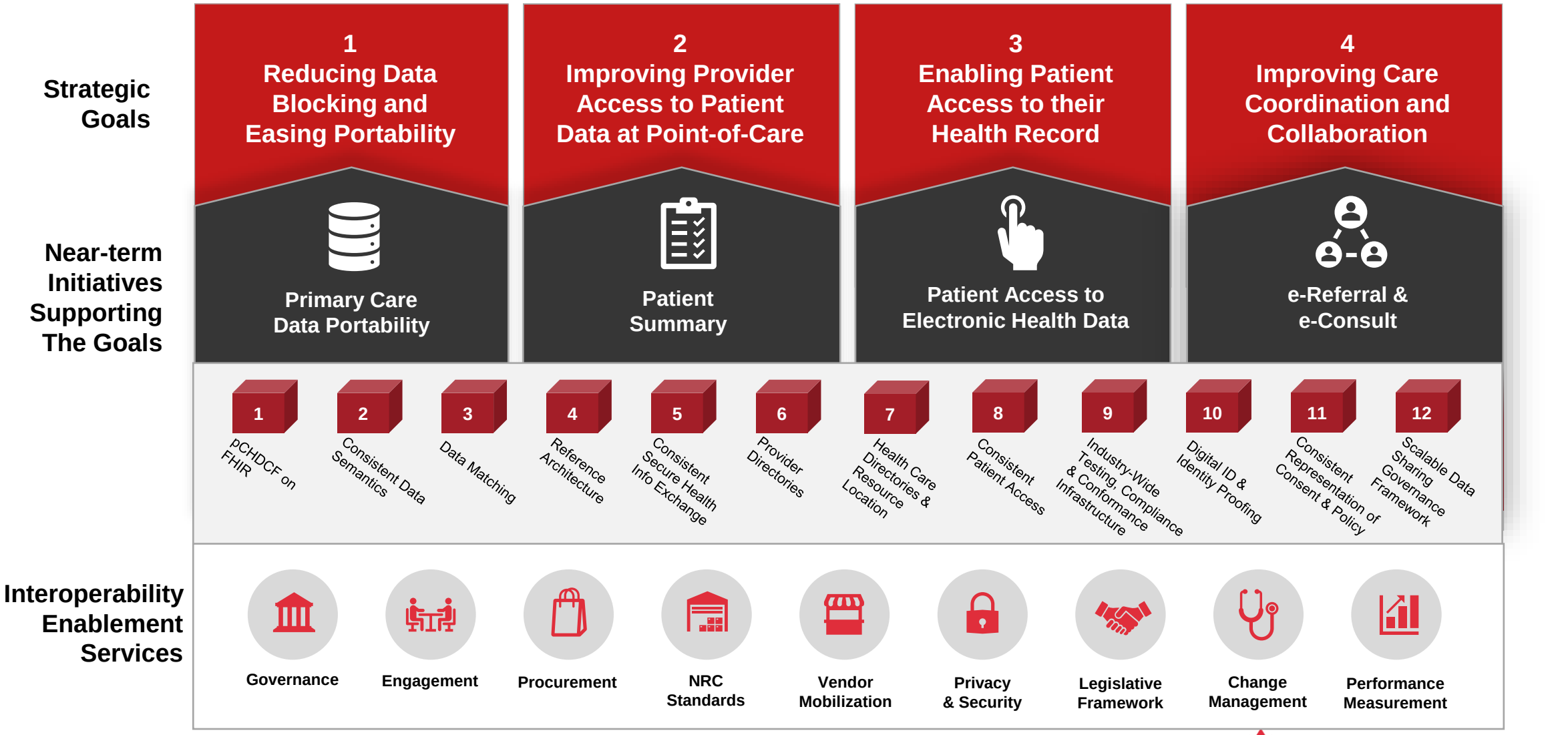
Canada Health Infoway
Inforoute Santé du Canada

Canadian Interoperability and Conformance

Attila Farkas

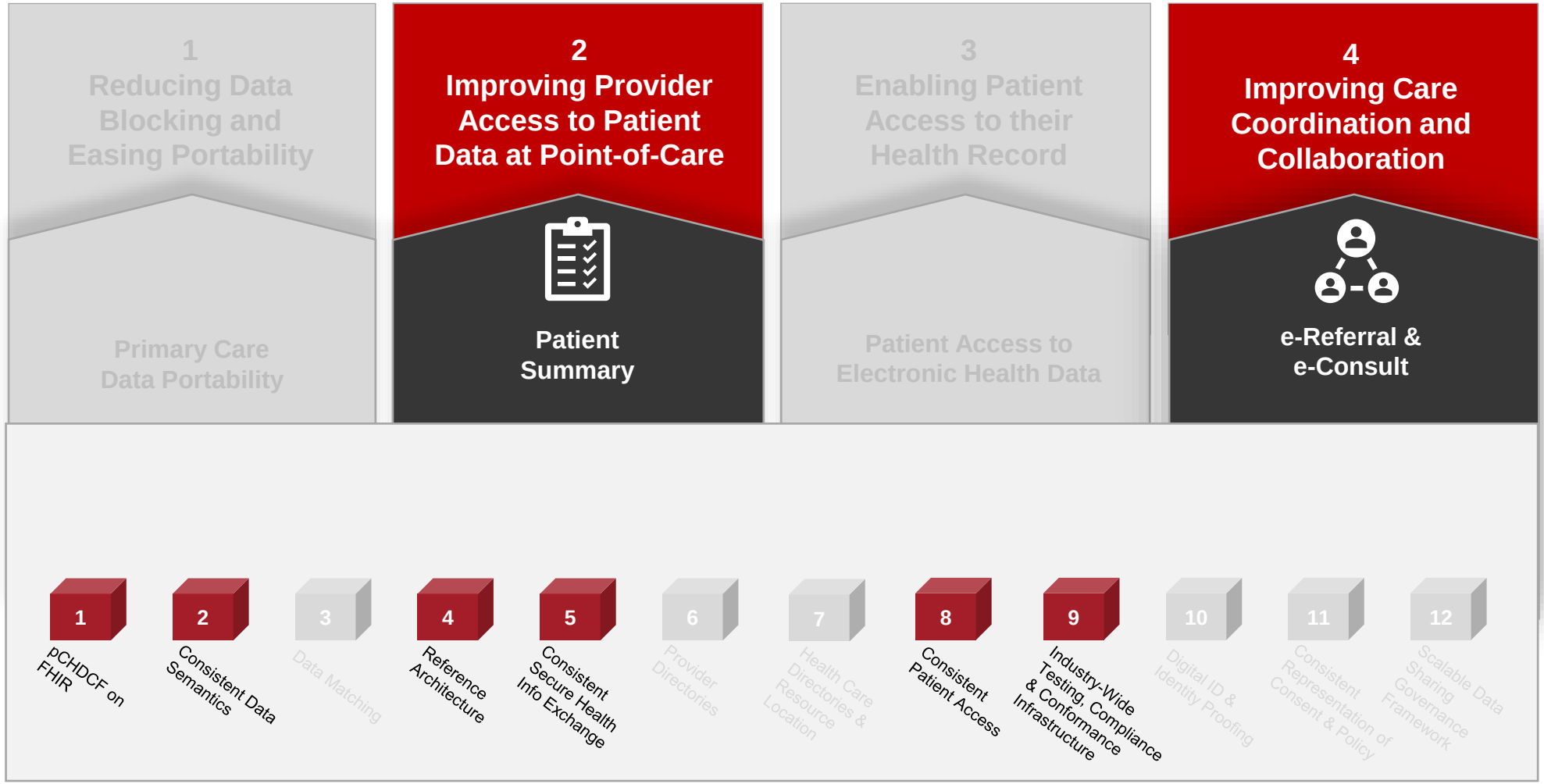
Chief Interoperability Strategist

Shared Pan-Canadian Interoperability Roadmap at a Glance



Canada Health Infoway

Items in progress



Canada Health Infoway

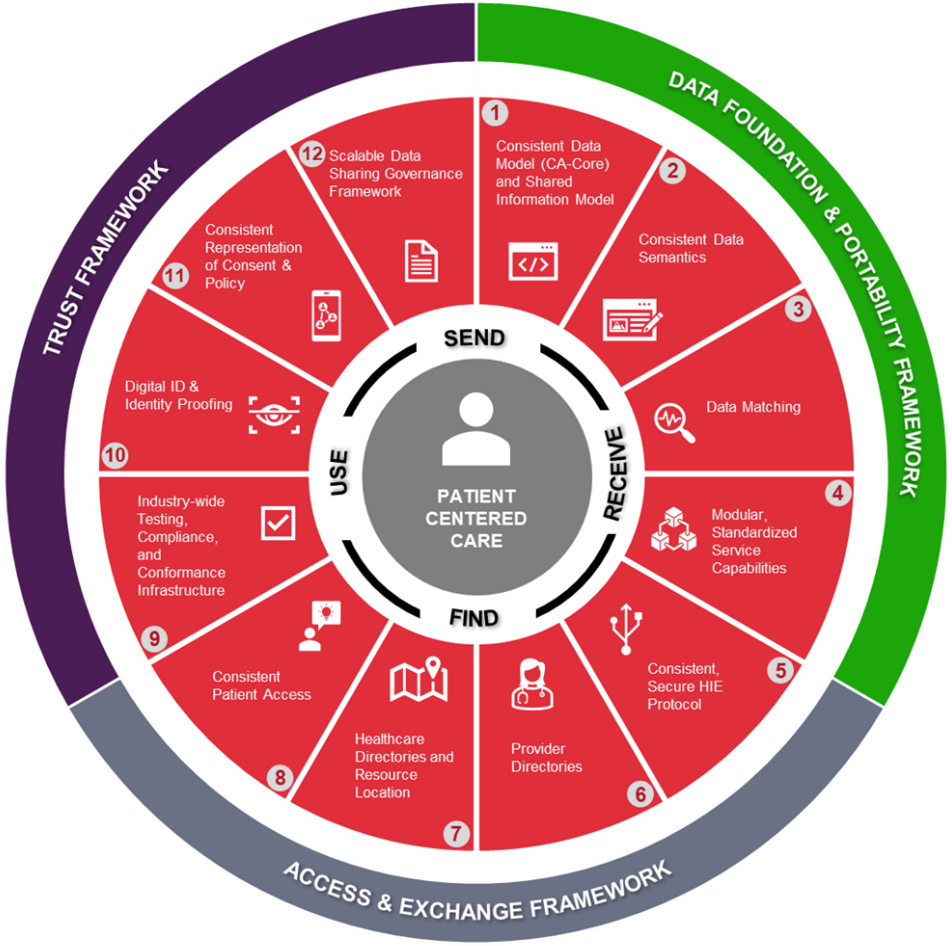
Achieving a World-Class Interoperable System

Interoperability Roadmap Building Blocks

4 MODULAR, STANDARDIZED SERVICE CAPABILITIES

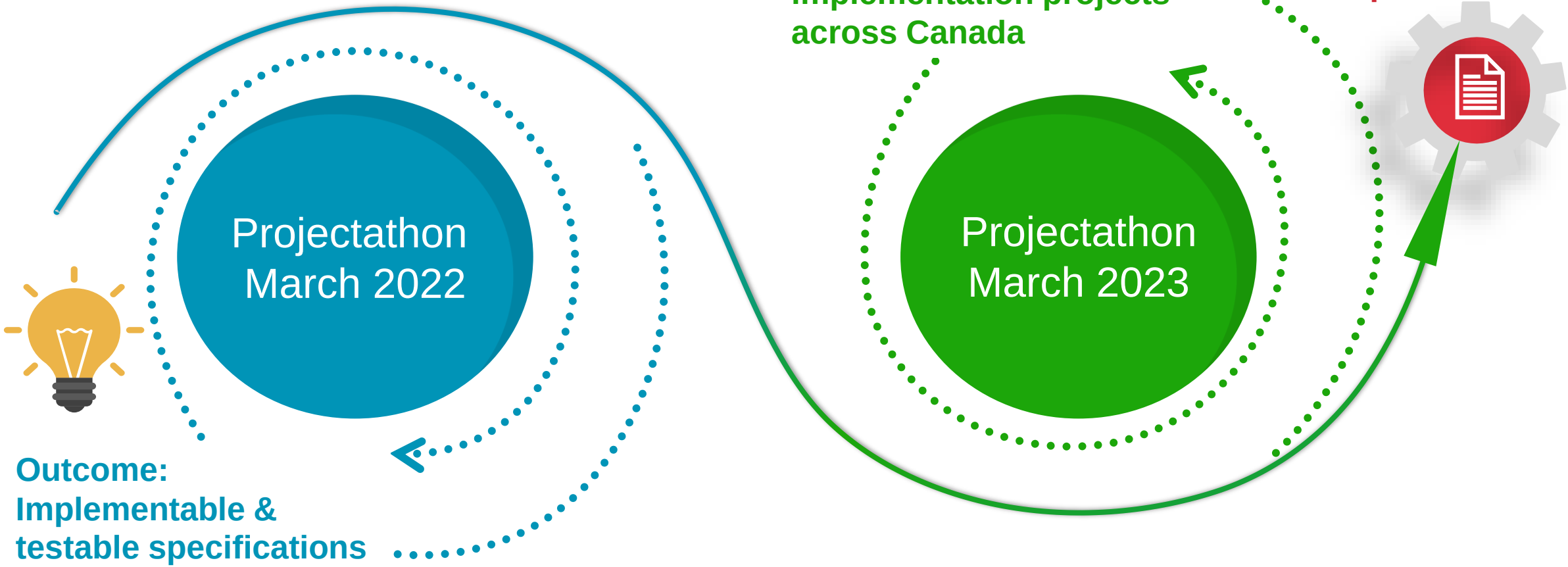
+

9 INDUSTRY-WIDE TESTING, COMPLIANCE, AND CONFORMANCE



Canada Health Infoway

Projectathon 2022/23



Outcome:
Implementable & testable specifications

Focus:
Patient Summary implementation projects across Canada

Patient Summary Implementations

Read more about the Projectathon 2022: Pan-Canadian Projectathon final report

Projectathon Testing: Integration Profiles

1 **CA:FeX** — Implementable, testable interoperability specification based on HL7 FHIR. Defines building blocks to enable creating, consuming and sharing clinical data via FHIR RESTful exchange patterns.

2 **MHD** — Defines one standardized interface to health document sharing. This profile is applicable to systems where needs are simple, such as pulling the latest summary for display.

3 **IUA** — Provides an authorization profile for the HTTP restful transactions. Ensures that the users (e.g., Patient, provider, etc.) and applications requesting access to the FHIR document (e.g., Patient summary) are authorized to have access.

4 **CA:Sec** — Specifies the foundational elements needed to securely execute transactions between two systems. Based on the ATNA profile and aims to bring improvements via loose coupling, with focus on node and application security.

5 **CA:Aud** — Specifies the foundational elements needed to perform event logging for auditing purposes. It is based on the ATNA profile and aims to bring improvements via loose coupling with focus on auditing using modern formats and technologies.

6 **CT** — Provides a means to ensure that the system clocks and time stamps of the many computers in a network are well synchronized.

To learn more about the integration profiles, go here.

Canada Health Infoway

IHE NORTH AMERICA CONNECTATHON WEEK 2025

For the first time, one of the largest health IT interoperability technical testing events is coming to Canada.

Feb. 3-7 | Toronto

LEARN MORE

HIMSS IHE INTERNATIONAL IHE CATALYST RSNA

Canada Health Infoway

Thank you!

To learn more about these events, visit: InfoScribe

Contact Information:

interoperability@infoway-inforoute.ca

Visit OUR WEBSITE
infoway-inforoute.ca

VISIT OUR SURVEY WEBSITE
insights.infoway-inforoute.ca/

Let's Connect on LinkedIn
linkedin.com/company/canada-health-infoway/

Let's Connect on Twitter
@infoway