

# Innovative Approach to Improve Immunization Management in Canada

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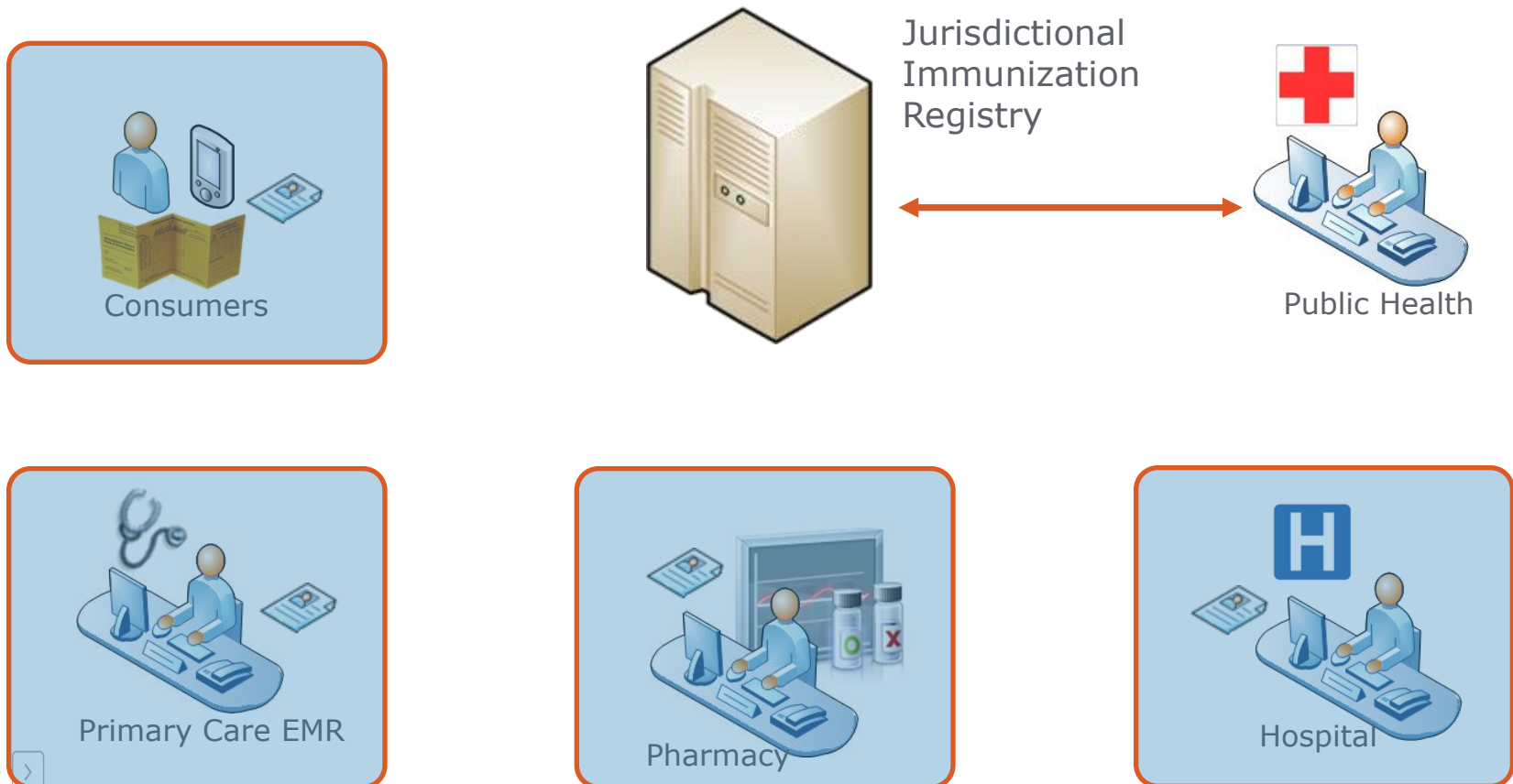
# Current Challenges

- Information
- Best Practice Standards
- Governance

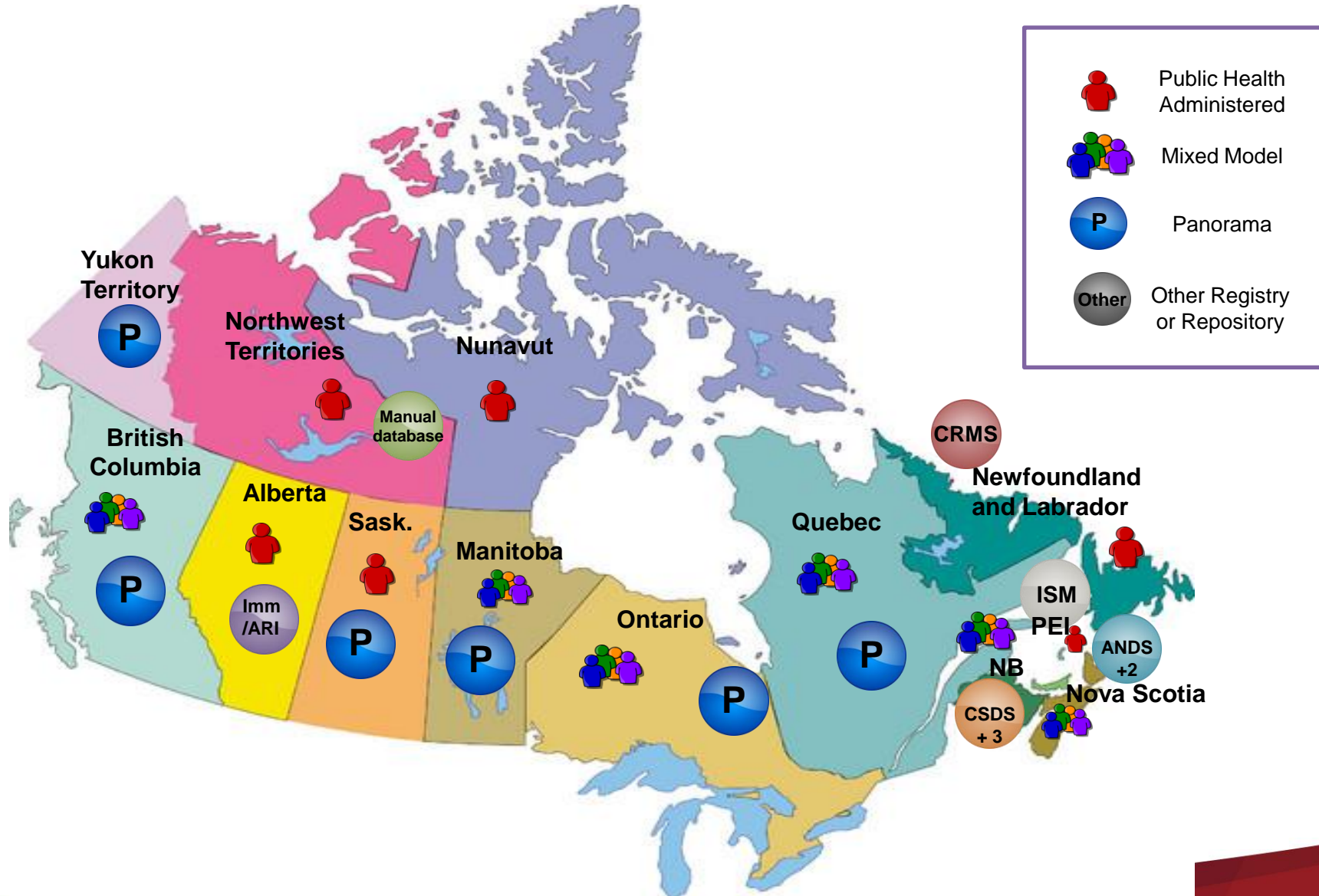


# Information Challenge

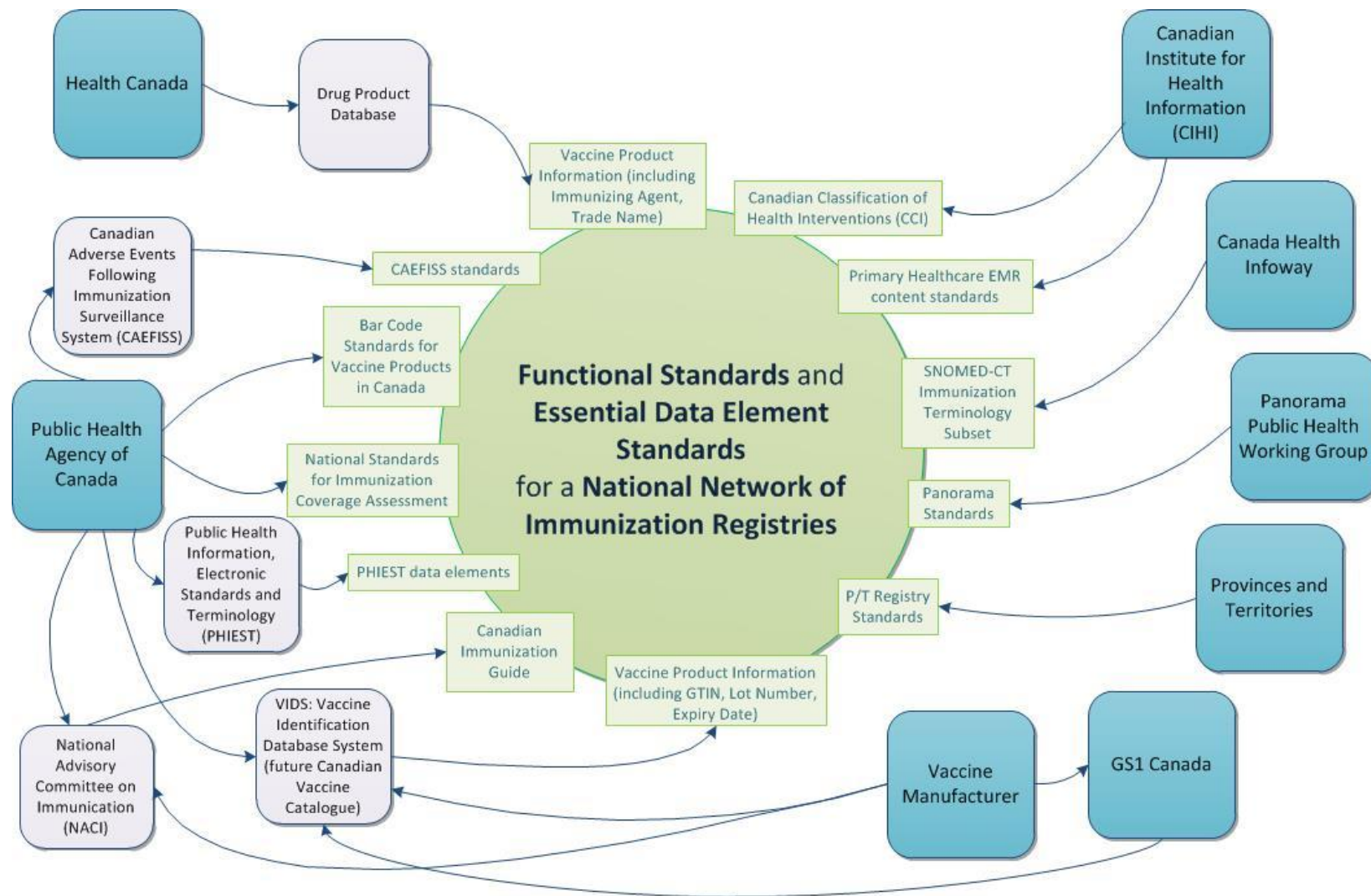
- Despite investments in jurisdictional immunization registries, information is incomplete. Immunization information exists in silos and not all getting into the registry.



# The Immunization Registry Landscape and Public Health Agency of Canada (PHAC) Role



# Governance Challenge: Players in the Development of the Immunization Functional and Essential Data Element Standards





## Drivers for the Overall Approach

$$-\frac{\hbar^2}{2m}\nabla^2\Psi + V\Psi = i\hbar\frac{\partial\Psi}{\partial t}$$

If I can have the equation of the universe expressed in one line, why can't I share immunization information?

Too many committees

Long standards development cycles don't guarantee the solution will work

Learn from the past and draw a line in the sand.

Just do it!!



# Align and Agree on the Key Data

- Create a collaboration mechanism
- Identify key stakeholders who need to come together
- An implementer must drive the progress of the work
- Narrow down use cases and identify the data dictionary



# Standards for a National Network of Immunization Registries

## Goal

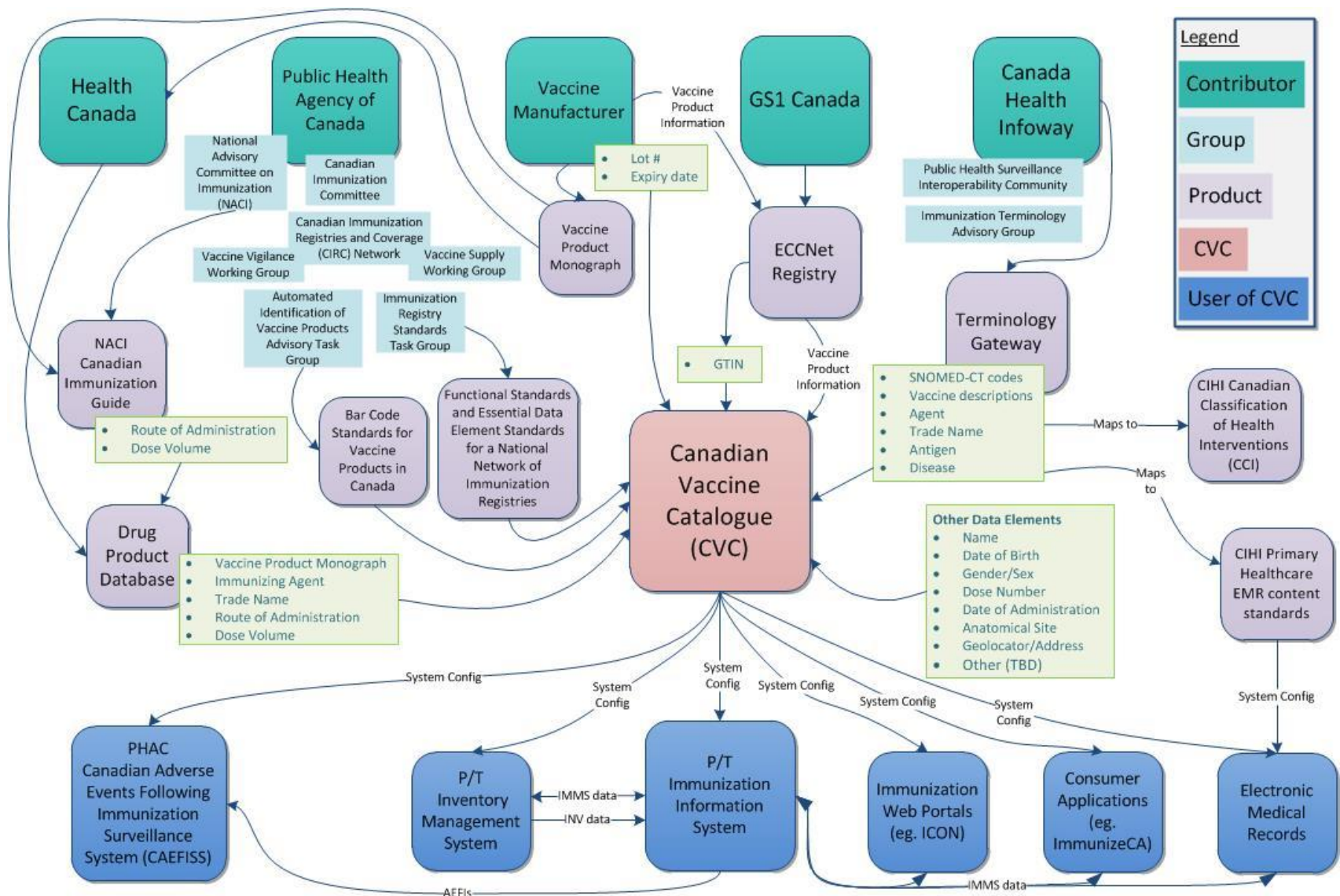
*Nationally agreed upon functional standards and essential data elements will provide the necessary building blocks for achieving the goal of a national network of immunization registries*

## Vision

- **Truly national standards** for a network of immunization registries endorsed and adopted by Federal, Provincial and Territorial decision makers
- National standards will be **useful** by supporting:
  - Interoperability goals
  - Access to immunization status
  - Immunization coverage reporting
  - Adverse Event Following Immunization (AEFI) reporting
  - Vaccine Supply Management
  - **Information sharing across the immunization landscape in Canada to ensure effective, safe and equitable program delivery**



# Governance: Vision for the Canadian Vaccine Catalogue Infrastructure



## Achievements

- Pragmatic and timely collaboration with national and jurisdictional partners
  - Including collaboration amongst advisory committees
- Developed a set of Immunization data elements and subsets for sharing data (built on earlier vaccine subset work)
- Infoway investments
- PHAC investments

## Jurisdictional representatives are championing efforts



## Lessons Learned

- The right people with trusted relationships need to lead stakeholder momentum and alignment
- Aligning national and project initiatives WITHOUT involvement with the national agencies will only get you limited adoption
- Find the common interest amongst all stakeholders to motivate engagement
- Just do it!

# THANKYOU

