

Building a healthy legacy together





Expectations

What Canadians expect from their health care system





Strengthening health care

The key elements of the transformation include:

- Patient centred care
- Collaborative teams
- Redesigned business processes to improve access
- Evidence based care
- Relevant data capture and analysis
- Timely feedback and education

Using EHR & EMR systems as a catalyst and enabler





The benefits and value of electronic health information technologies

- Reduced wait-times for diagnostic imaging services
- Improved availability of community based health services
- Reduced patient travel time and cost to access services
- Increased patient participation in home care

ACCESS

- Improved interpretation of diagnostic and laboratory results
- Decreased adverse drug events
- Decreased prescription errors
- Increased speed and accuracy in detecting infectious disease outbreaks

QUALITY

- Increased access to integrated patient information
- Reduced duplicate tests and prescriptions
- Reduced physician prescription call-backs
- Reduced patient and provider travel costs

PRODUCTIVITY

Capital cost: \$10 billion to \$12 billion Benefits: \$6 billion to \$7 billion annually



Canada Health Infoway

- Created in 2001
- \$1.6 billion in federal funding
 - An additional \$500 million allocated in 2009 Federal Budget
- Independent, not-for-profit corporation
- Accountable to 14 federal/provincial/territorial governments

Mission:

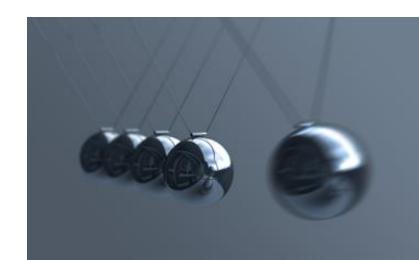
Fostering and accelerating the development and adoption of electronic health information systems with compatible standards and communications technologies on a pan-Canadian basis with tangible benefits to Canadians.

Infoway will build on existing initiatives and pursue collaborative relationships in pursuit of its mission.



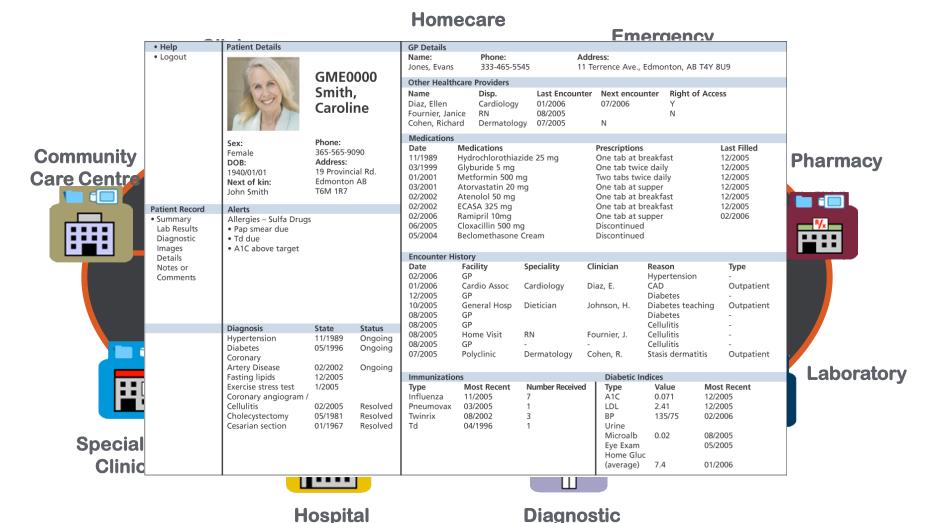
Infoway approach

- Collaborate with health ministries and other partners
- Co-invest with public sector partners (75:25 formula)
- Leveraged investment
- Engage clinicians
- Form strategic alliances with the private sector
- Manage risk and ensure quality solutions
- Measure benefits and adjust
- Privacy safeguards
- Strategic investor





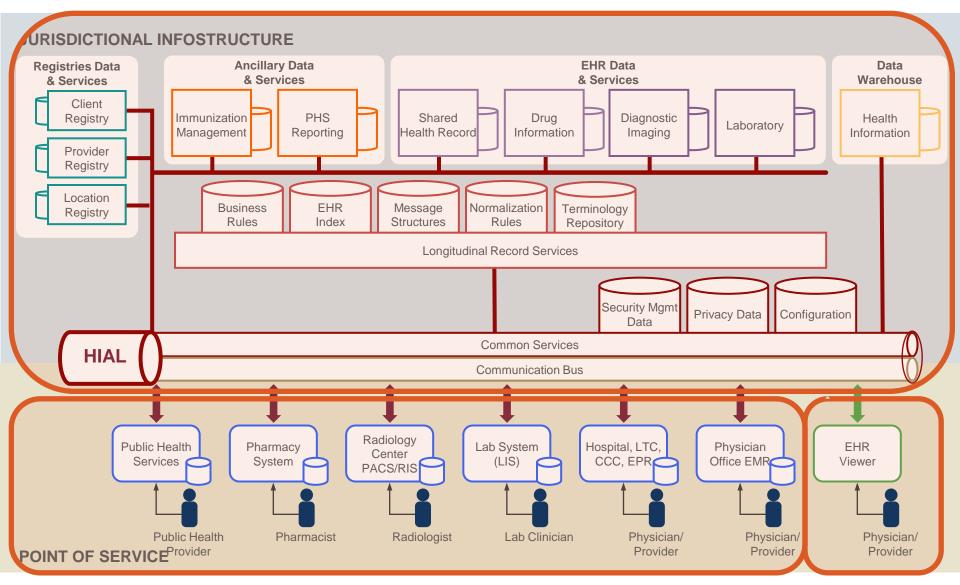
Points of care



Emergency



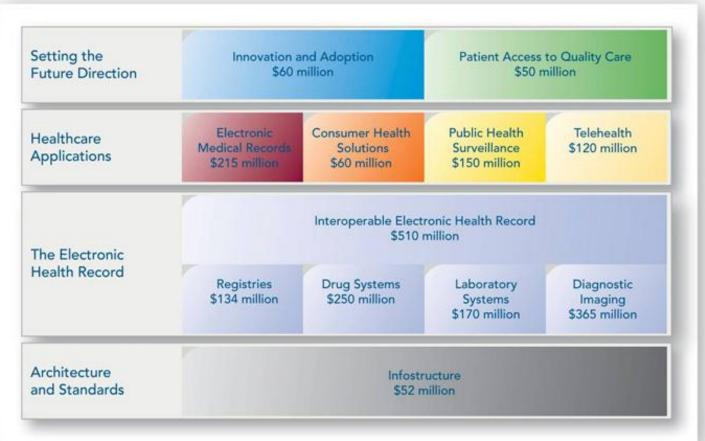
EHR architecture





Investment model

Upon ratification of the Federal Funding Agreement, Infoway's commitment will total more than \$2.1 billion in 12 targeted investment programs.

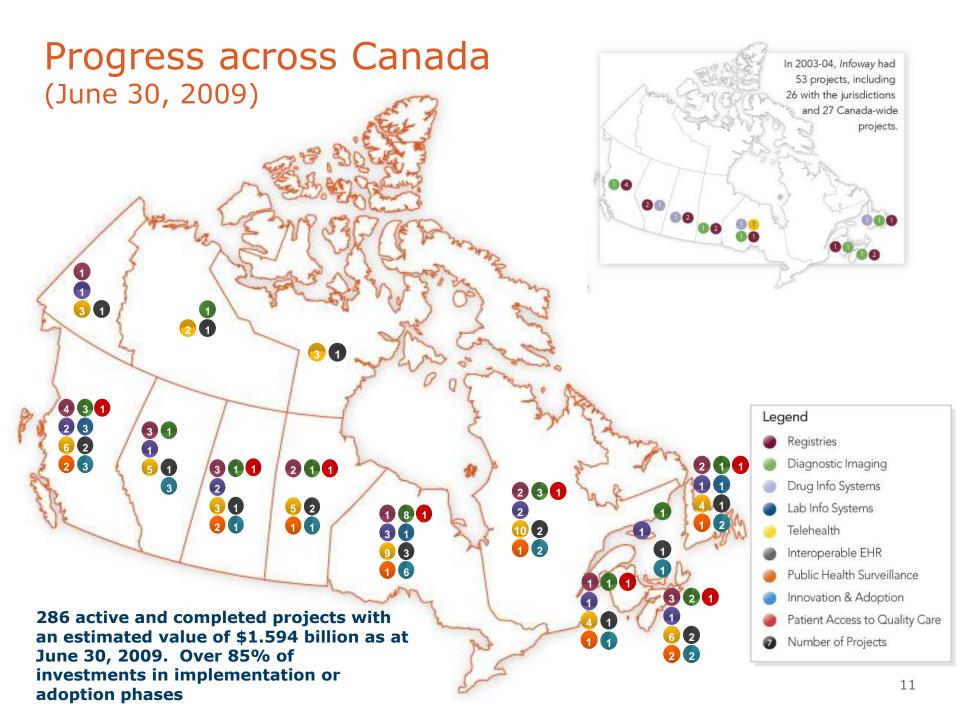




Signposts of success

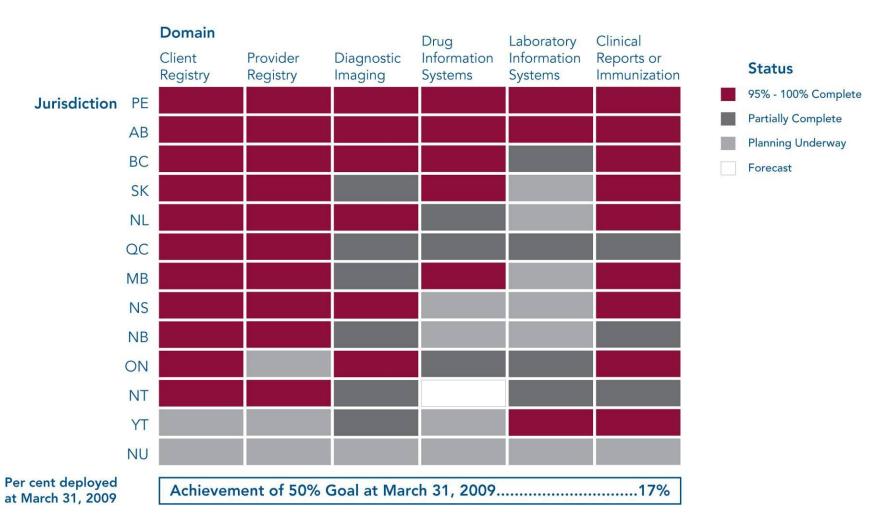
- Availability and quality of care
- Patient safety
- Patient empowerment
- Continuity of clinical care





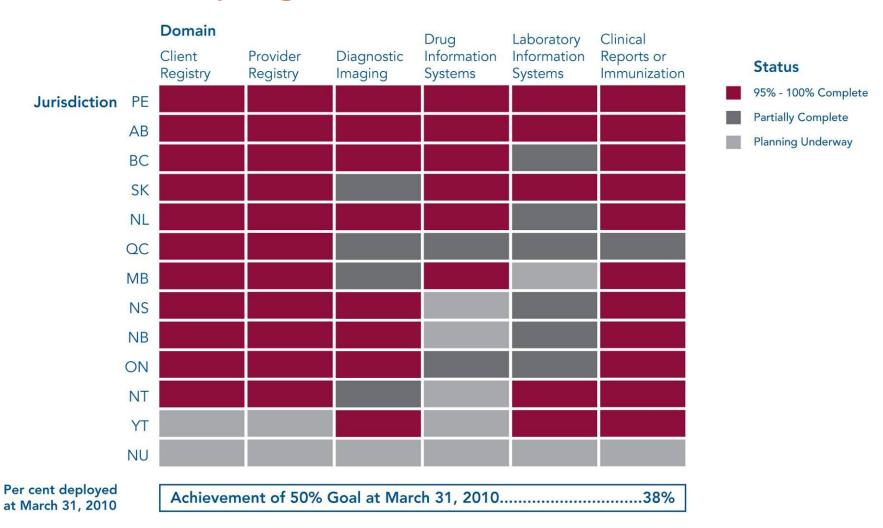


Progress across Canada





Forecasted progress to March 31, 2010





Health information and technology priorities Vision 2015

Finish what started in electronic health records and public health surveillance

Implement electronic medical records in physician offices and physician order entry systems in hospitals

Deploy Wait Time Management Solutions

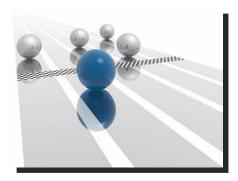
Implement Consumer Health Solutions to support selfcare

Integrate Chronic Disease Management Solutions, starting with diabetes



Budget 2009

Recapitalization of \$500 million to:



50% goal



Clinical systems integration



EMRs



Jobs



Infoway's e-health certification service



Certification services

- Infoway launched its Consumer Health Platform Certification Service in February 2009
- Ensures investments made in consumer health technology solutions are complementary to existing investments in EHR infostructure
- Additional areas of focus in near term:
 - Consumer health solution applications
 - Electronic medical record systems
 - Hospital information systems



Associated benefits

- For health care organizations:
 - Certified (trusted, interoperable) software solutions
- For e-health software vendors:
 - Innovative product differentiation
 - Certified "once" in Canada
 - Valuable Infoway recognition



Focus of certification services

Criteria consist of two classes:

Solution – refers to aspects of privacy, security and interoperability that need to be assessed, as well as functionality (limited)

Management – refers to how organization manages risk, data, system security, as well as third party solutions and services



Why now?

- Secure sharing of health information among providers and patients is key enabler of health care renewal in Canada
- Information sharing for providers will happen primarily via EHR and EMR technologies
- Within two years virtually every jurisdiction will have data repositories connected to HIALs and capable of sharing EHR data via messages to point-of-service systems
 - Portfolio of pan-Canadian standards needed to enable interoperability between point-of-service systems and EHR infostructure exists today



Challenges to overcome

- E-health brand tarnished
- Project slippage
- Slower than expected clinician uptake
- Adequate funding not available
- Failure to deliver viable, interoperable EHR solutions
- Privacy and security breaches
- Insufficient skilled human resources
- Failure to demonstrate expected benefits
- Need to build social capital



The promise

- Increased patient participation in care
- Well-managed chronic illness

Improved access to care in remote and rural

communities

 Fewer adverse drug events

- Better prescribing practices
- Reduction in duplicate or unnecessary tests
- Reduced wait times
- Saving lives







Thank you