

# Multi-Jurisdiction e-Prescribing Solution

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# e-Prescribing Defined



Handwritten  
Prescriptions



Printed / Faxed  
Prescriptions



e-Prescribing

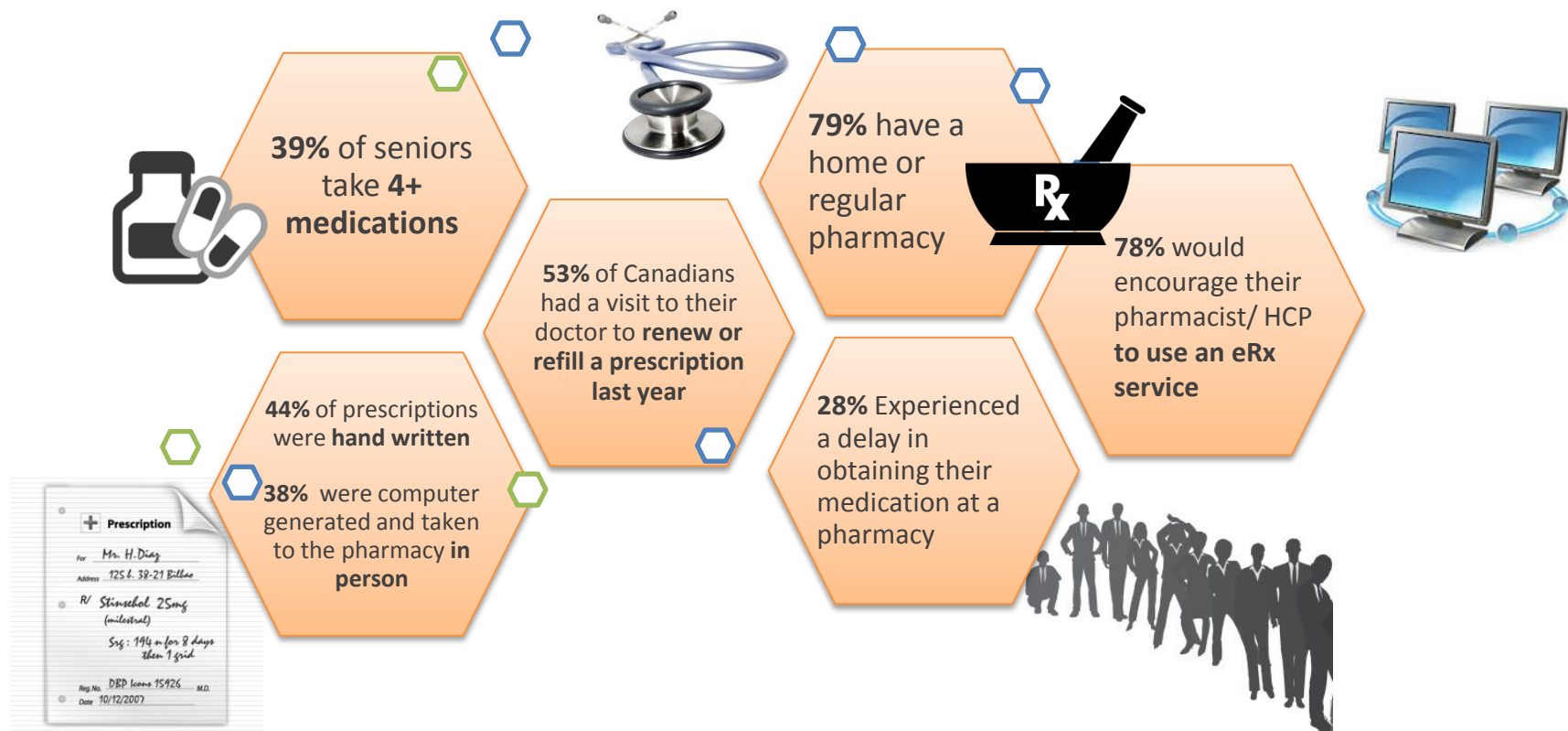


e-Prescribing  
Enhanced Capabilities

e-Prescribing is the secure electronic creation and transmission of a prescription between an authorized prescriber and a patient's pharmacy of choice, using clinical Point of Service (POS) solution, in a manner which integrates clinical workflow and software.

*Canadian Medical Association  
Canadian Pharmacists Association  
Joint e-Prescribing Statement 2012*

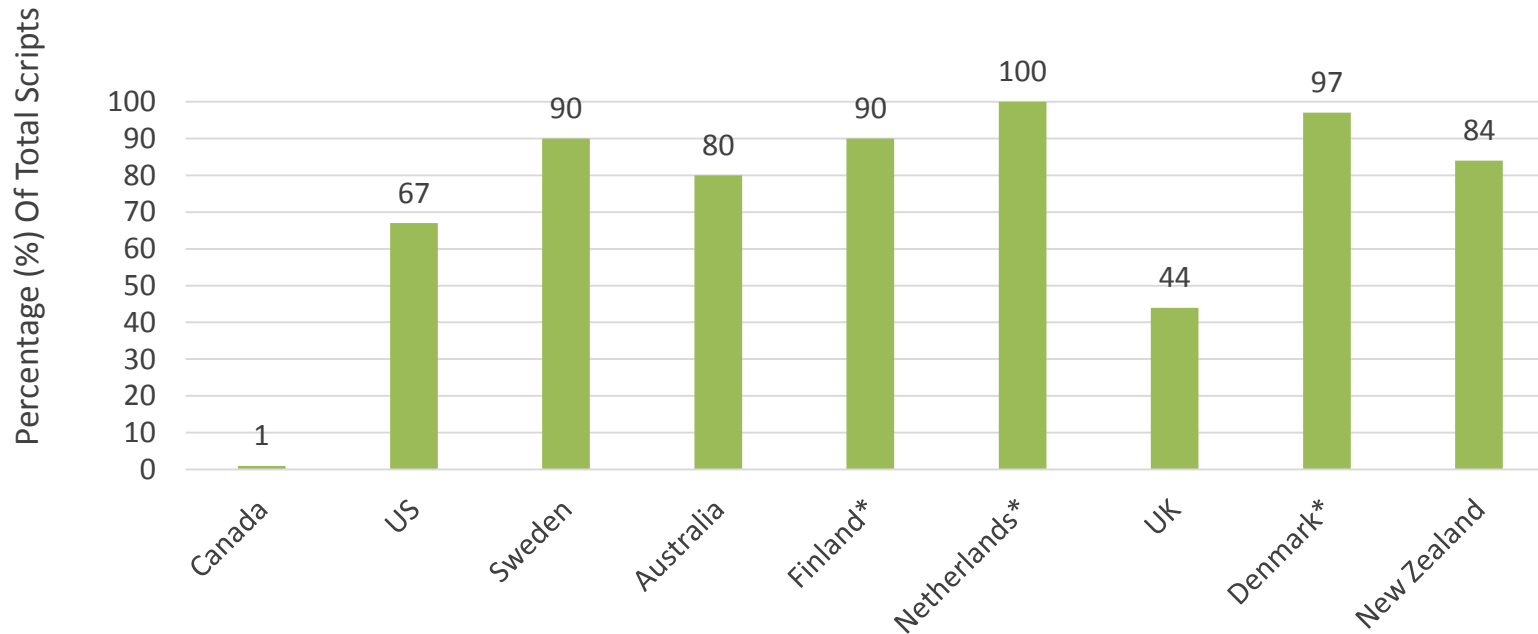
# Canadians & their Prescriptions



# International e-Prescribing Adoption Rates

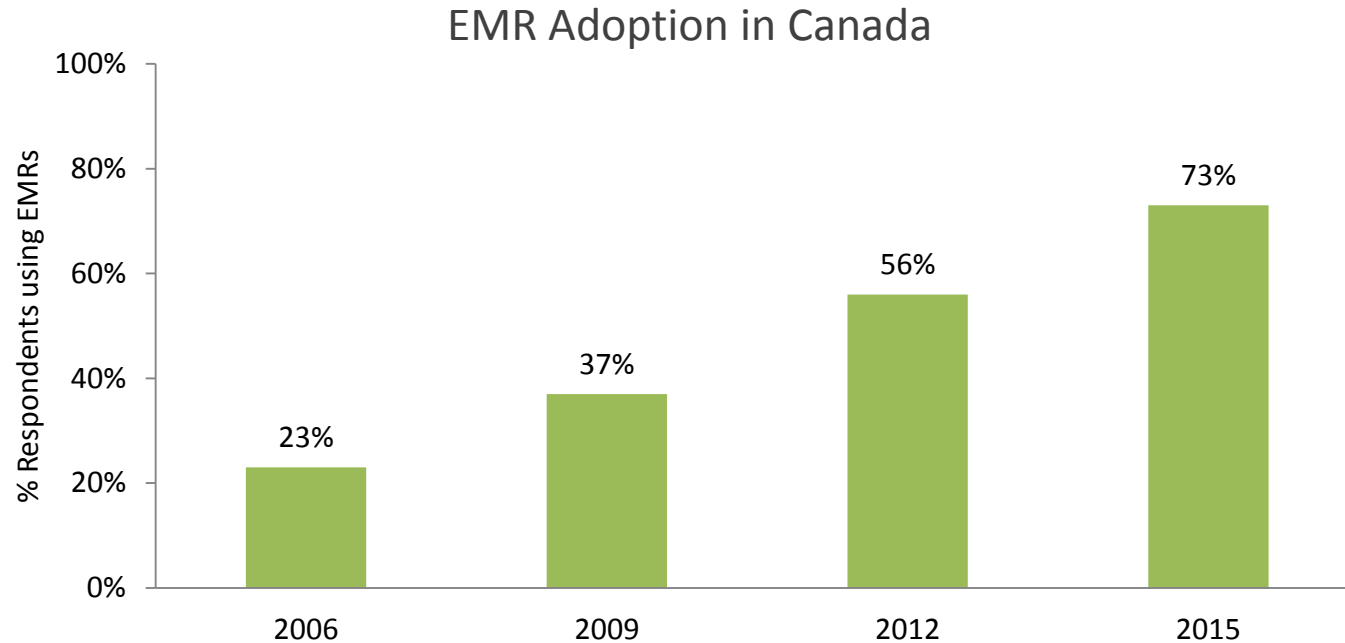
A key finding from the environmental scan is the high level of adoption in regions where there has been a national solution

International e-Prescribing Adoption



# Are we ready for e-Prescribing?

*Recently completed study examining e-Prescribing in Canada  
- A high degree of readiness*



2015 Commonwealth Fund

# Why Now?

e-Prescribing has been launched successfully in several countries and there is both demand and readiness in Canada

1

High level of support for e-Prescribing from a wide range of stakeholders – collaboration between private and public sectors

2

Evidence based benefits – e.g.. safer prescribing, clinician productivity, consumer convenience

3

Prescribers and pharmacists use clinical systems and want to eliminate phone and fax workflow

4

A national approach to e-Prescribing will accelerate adoption

- Enable community-based prescribers to electronically transmit a prescription to a patient's pharmacy of choice.
- Reduce the use of paper prescriptions; optimize existing drug information system investments
- Enhance patient safety, improve continuity of care, and facilitate better health outcomes.

## Infoway's Objective

To create, operate and maintain a **financially self-sustaining** e-Prescribing Service that will be the long time “go to” solution of choice for **e-transmission of prescriptions** for government, prescribers, and pharmacies for the ultimate **benefit of the patient**. Benefits derived from the service will be meaningful to all key stakeholders.

# Considerations

Public and private sector drug benefit coverage

Meaningful involvement by all sectors

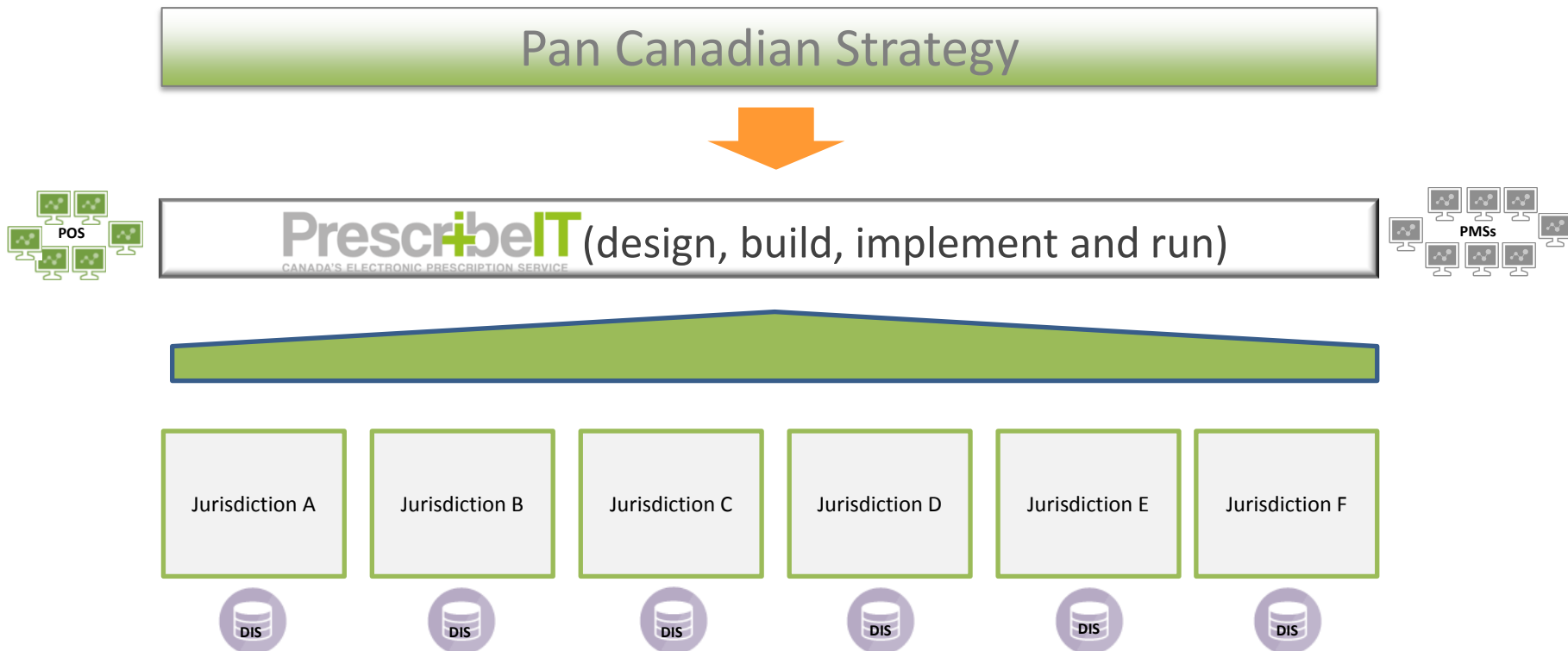
Standardized solution enabling integration and leveraging provincial infrastructure

A purpose-driven orientation to ensure financial sustainability and required service levels

*“On their own, Provinces are sub-scale to deliver an economically viable e-Prescribing solution and retail pharmacy **does not want e-Prescribing left to the jurisdictions** as it would create a situation where they have to comply with 13 different solutions”*

PWC e-Prescribing Feasibility Study, 2015

# Infoway's Role



# Why Infoway?

An e-Prescribing solution supports Infoway's historical mandate to advance digital health for the benefit of patients. As a national agency, Infoway is well positioned to implement and advance this solution.

- 1 Infoway can broker collaboration between the private and public sectors and will establish a governance structure that includes both
- 2 Infoway can leverage federal investment, build on provincial EHR investments and work with the private sector
- 3 Infoway is a trusted neutral party amongst a complex group of stakeholders
- 4 A national, standards based, open solution will provide the economies of scale needed for a sustainable e-Prescribing service in Canada

# Stakeholder Engagement



# Guiding Principles

## *Operating principles:*

- Ensure patients maintain their choice of pharmacy
- Remain focused on patient well-being while balancing the needs of stakeholders
- Ensure privacy while providing secure communication among authorized providers
- Minimize impact on prescriber/pharmacy workflow
- Equitable and transparent governance including the fee structure
- Comply with and enable applicable regulatory and policy guidelines and objectives

## *Solution design principles:*

- Buy vs build and minimize customization
- Start lean and enhance over time based on a defined roadmap
- Integrate with EHR infrastructure including Drug Information Systems (DIS) in the provinces and territories, where available, and support these as the key medication databases
- Leverage the work already underway to enable e-prescribing

# PrescribeIT Overview

# e-Prescribing Features Important to Canadians

**90%** Neither the prescription nor the service cost anything extra



**89%** Makes sure the most affordable medication is prescribed



**89%** Allows your Rx to be filled ahead of time so that it's ready for pick-up



**85%** Allows Rx to be sent automatically from HCP to pharmacy of your choice



**86%** Eliminate handwritten prescriptions to ensure legibility and accuracy



**88%** Allows secure IM btw HCP and pharmacist to clarify any questions they may have



Source: Nielsen Study; Annual Tracking Survey for Infoway, March 2016

# Characteristics

Provide a secure, patient directed, electronic end-to-end solution that adheres to standards and efficiently automates the prescribing process

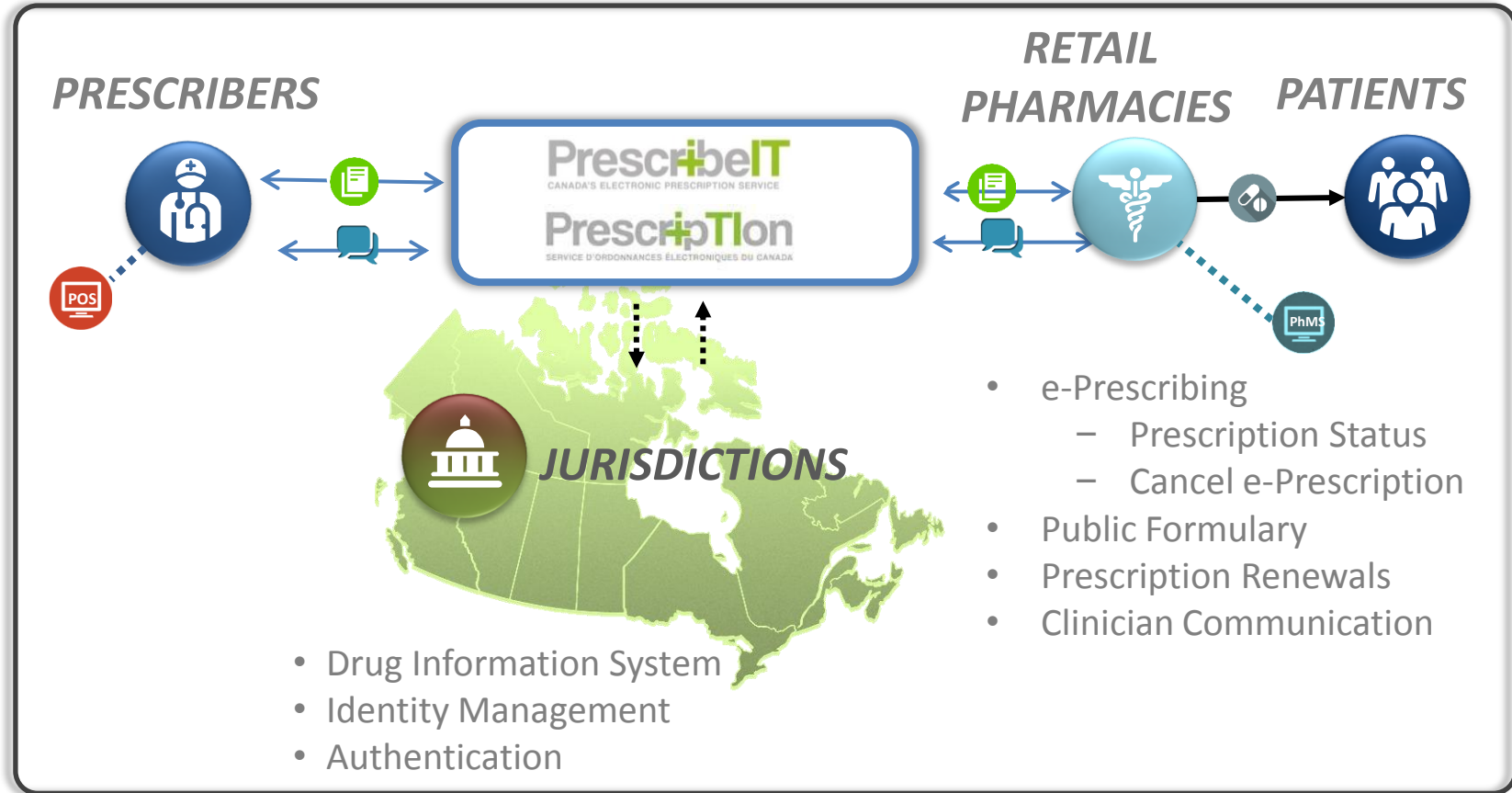
## Prescribers / pharmacists will interact thru:

- EMR's and pharmacy management systems
- Stand-alone web application

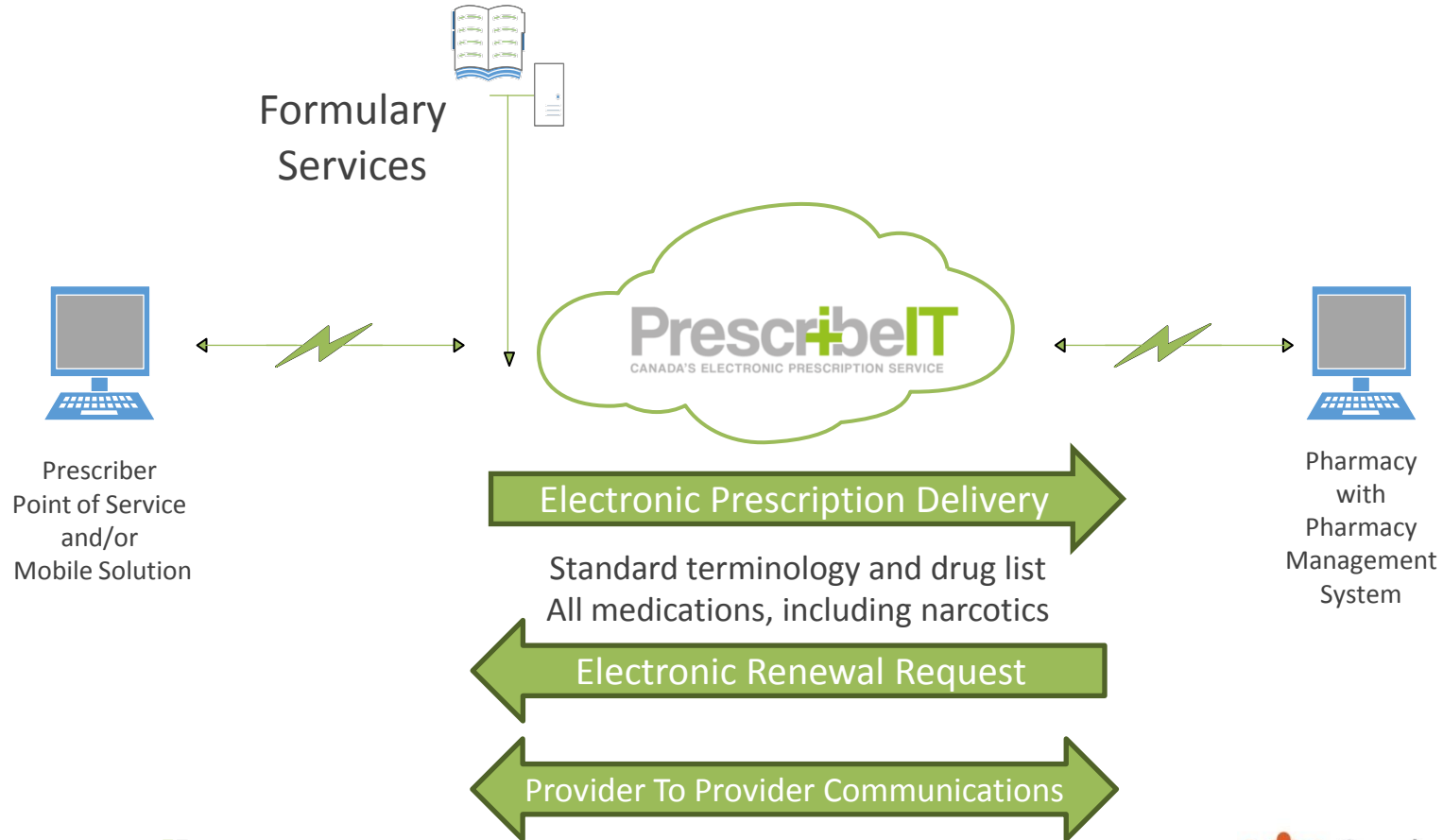
## The solution will:

- Support ALL drugs, including those scheduled in the Controlled Drugs and Substances Act
- Support public formularies where they exist
- Integrate with Drug Information Systems in the provinces and territories (e.g. Pharmanet, PIN, PIP) and support these as the key medication databases
- Provide open interfaces to enable private sector innovation and to enhance existing products
- Offer services in English and in French

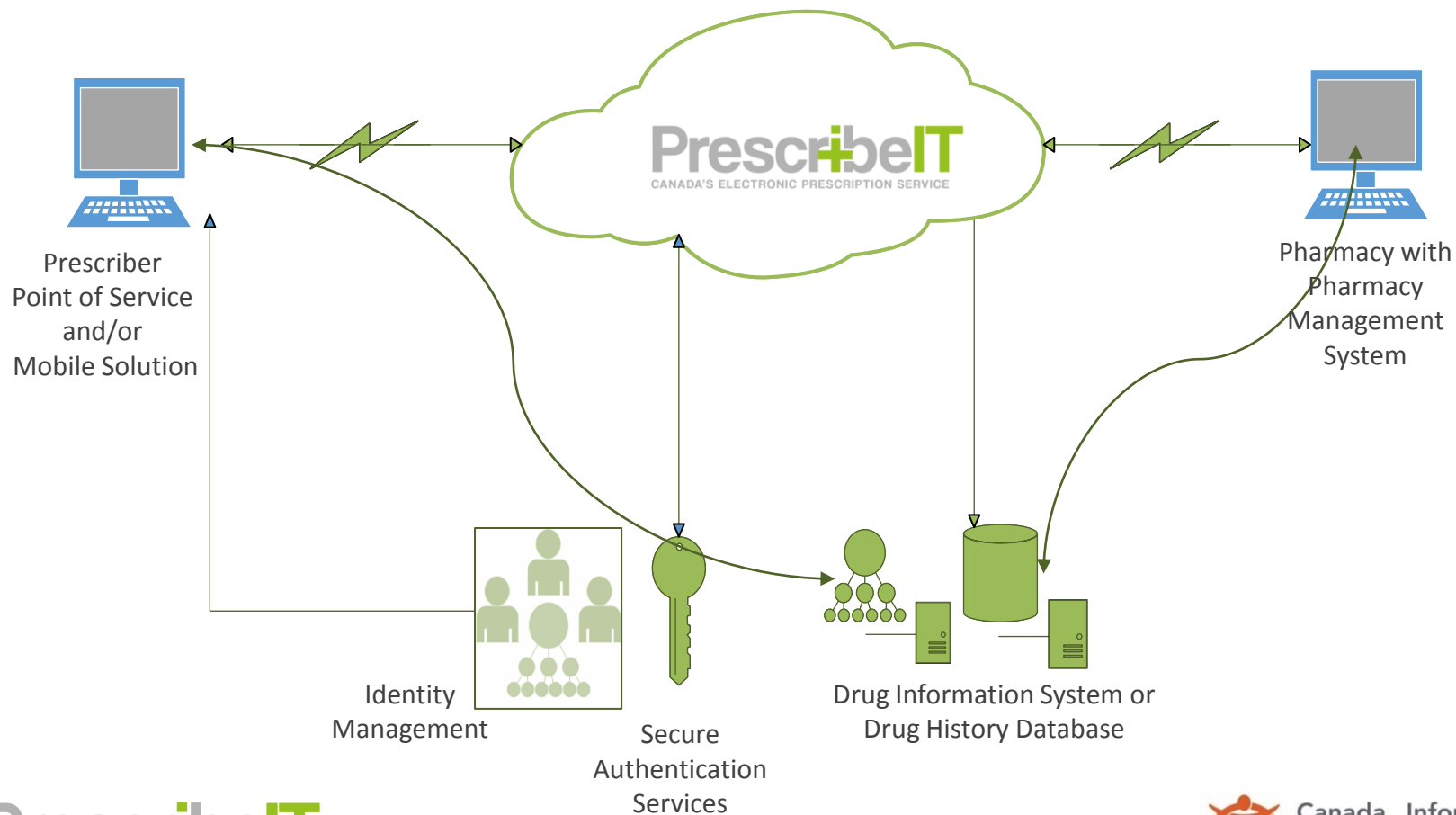
# PrescribIT Overview



# Solution: Core Services



# Client Services: Provincial Integration



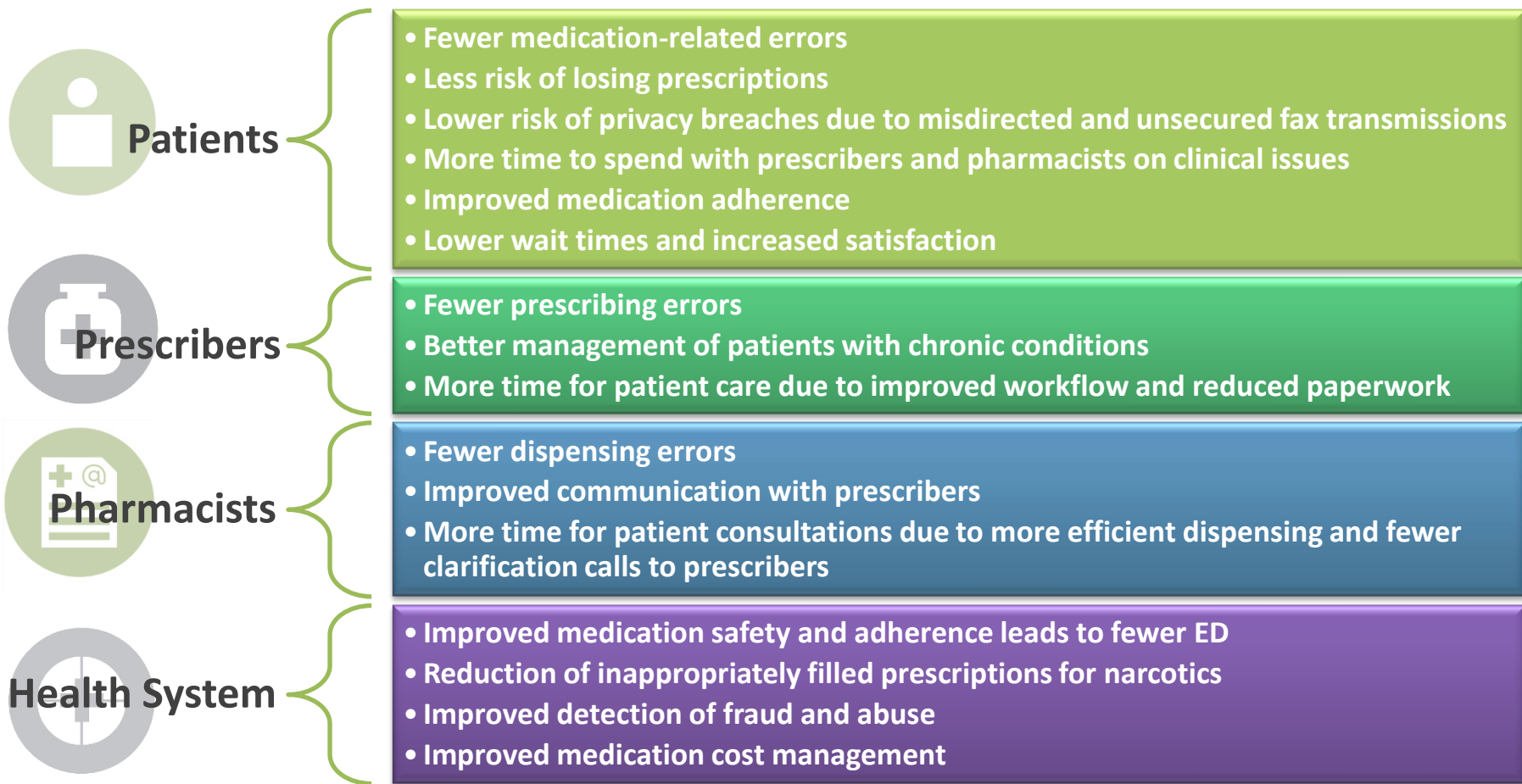
# Patient Choice



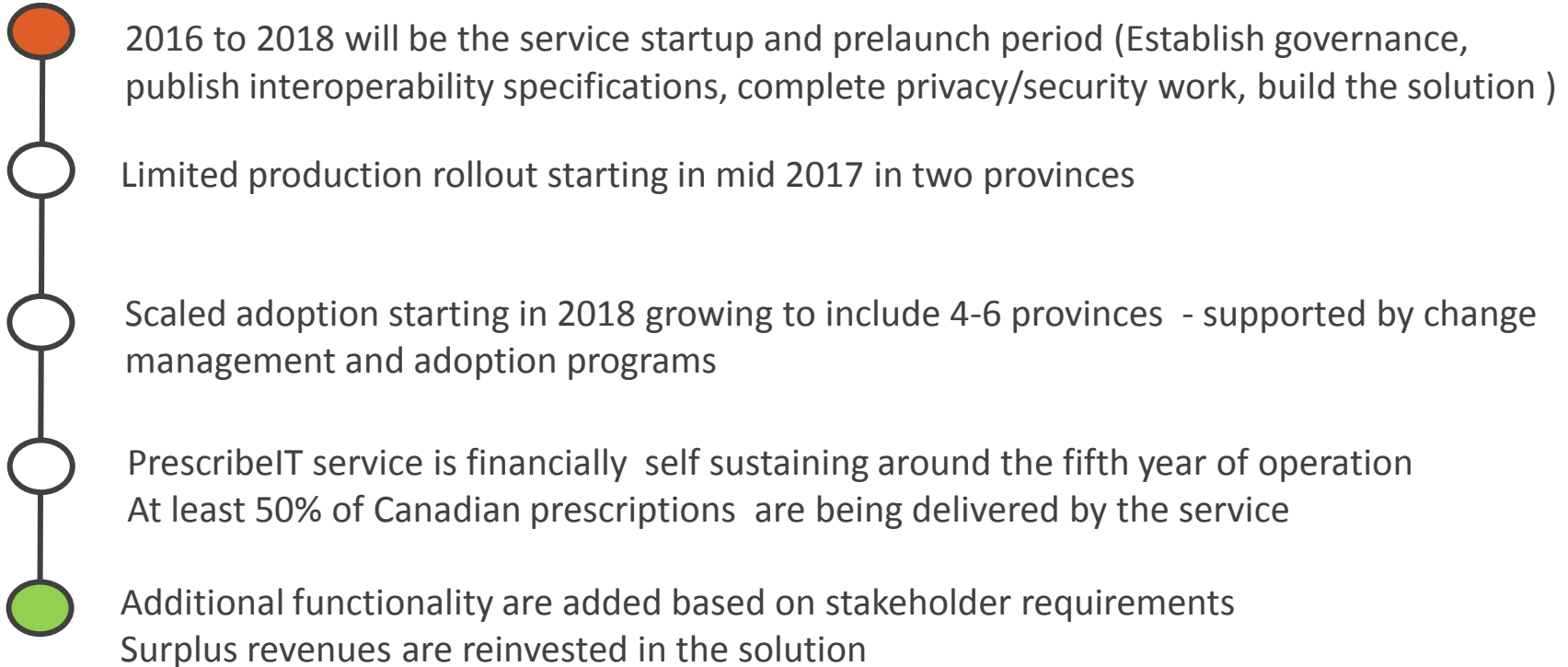
Patient chooses target pharmacy by informing the prescriber; prescription delivered directly to pharmacy via PrescribIT service

*OR*

Prescriber prints prescription and customer takes it to pharmacy of choice. Pharmacies can choose to download electronic version from PrescribIT.



# PrescribIT Milestones and Timelines



# Questions?