

# AZ4 - ePharmacy

## ■ Future State Features

- ☞ Electronically communicating prescriptions between prescribers and pharmacies, including:
  - ✓ Uniquely identified electronic (on-line) prescriptions transmitted from prescribing health practitioner systems to repositories and thus to pharmacy systems, and dispensing information passed back to repositories and prescribing health practitioner systems (with automatic updating of fields within patients' records)
  - ✓ Alerts and Decision Support for Prescribers and Dispensers
- ☞ Includes hospital and community pharmacy prescribing and dispensing, and where possible, non-prescription medicines
- ☞ People will be able to continue to choose their preferred pharmacy to dispense their prescriptions and repeats
- ☞ Health practitioners and other involved parties, including the patients themselves, will be able to access a complete electronic pharmaceutical history that relates to individual patients, in detailed form or as a form of Event Summary
  - ✓ ePharmacy information may be used at local, regional and national levels for clinical care and for analytical purposes such as health planning, assessment of population health status and outcomes, research, etc
  - ✓ Prescribing, dispensing and other information-sharing will be based on an in-built standard medicines terminology and a standard schedule that is updated regularly, and within agreed privacy and security framework

## ■ This roadmap focuses on:

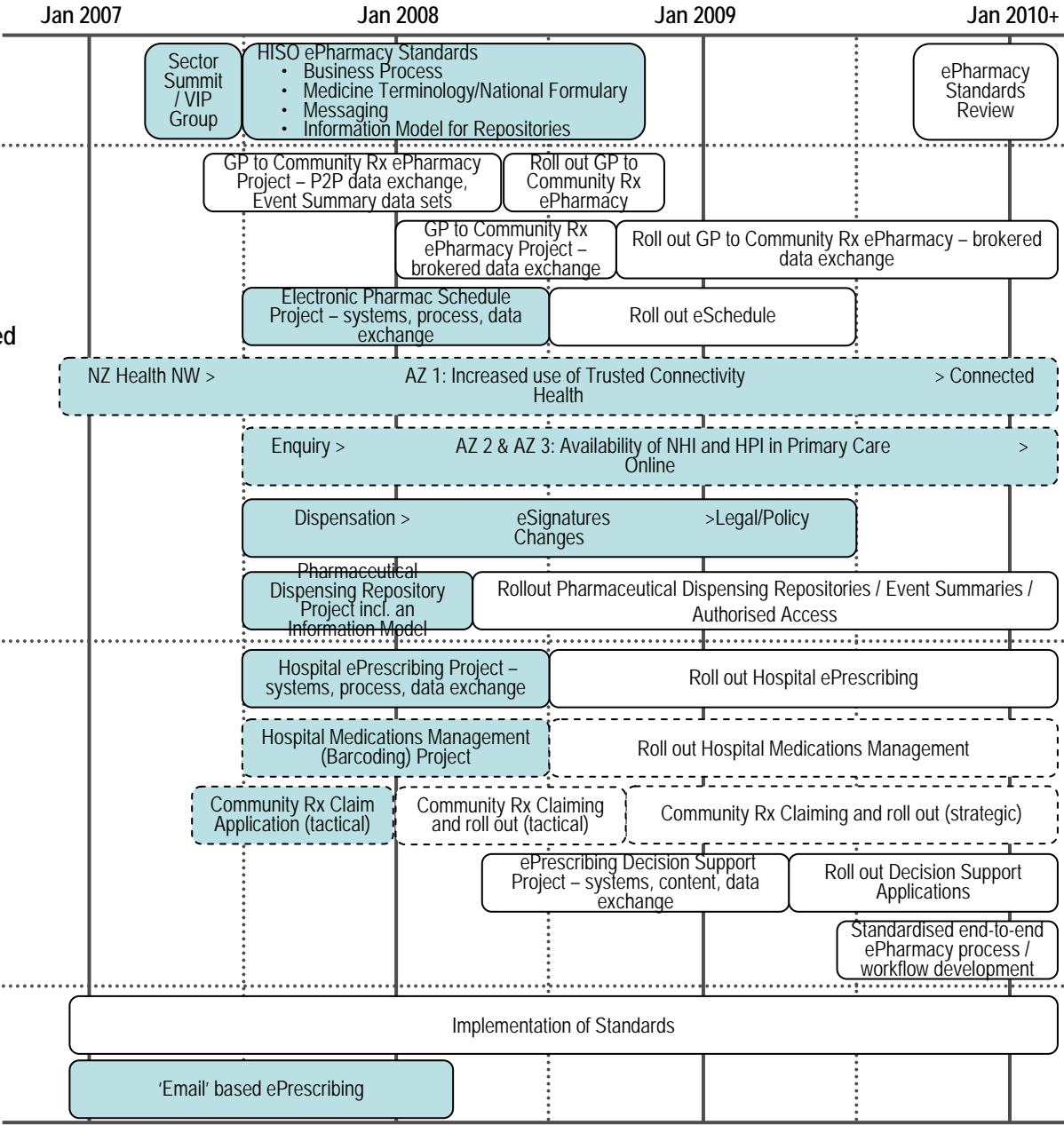
- ☞ Ensuring that each transaction is recorded (at source) and transmitted according to mandatory standards for formatting, nomenclature and code sets
  - ✓ Developing a pharmacy messaging standard and an information model for pharmacy repositories
  - ✓ The introduction of an on-line schedule of subsidised pharmaceuticals and a national formulary / medicines terminology / drug code system, complemented by decision support modules embedded into health practitioners' systems
- ☞ Developing electronic broker / repositories capable of receiving electronic prescriptions from health practitioners' systems, transmitting prescriptions from Prescribers to a Pharmacy automatically (if the patient has nominated a 'destination' Pharmacy) or download them when the prescription is presented at a Pharmacy, transmitting dispensing **information** from Pharmacies back to the repository and health practitioners' systems in order to update patient records
- ☞ Addressing the legal and regulatory requirements to support electronic signatures and mechanisms to ensure that only authorised persons can pick up prescriptions
- ☞ The provision of access to patient medication histories and prescriptions actually dispensed be it in a primary / community, secondary and tertiary setting
- ☞ Closed loop hospital medications management (dispensed / administered)
- ☞ Transmitting claims automatically from pharmacies to HealthPAC

# AZ 4: ePharmacy

HIGH

HISAC Involvement

LOW



- Identified Sector Activity**
- DHBNZ - Community Pharmacy Review
  - HISP - Medicines Act Review
  - Ministry of Health - Medicines Strategy
  - Ministry of Health – Bedside Verification (Barcoding)
  - Health alliance – Regional Dispensing Repository
  - Selwyn Foundation
  - HealthLink trial email solution and eClaiming solution
  - RGPG trial email solution

Key:   Active or Planned      Future Initiatives / Projects      Not core to this Action Zone but strategically important