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Improving efficiency across the entire health system

National Supply Chain Reform – Driving hospital implementation and directing the vision for the future

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WE ARE NEHTA

A corporate entity owned by the Australian Federal, State and Territory governments, to identify and jointly develop the necessary foundations and services for a national eHealth capability

- Identifiers
- Authentication
- Terminology

- Secure Messaging
- Clinical Documents
- Supply Chain

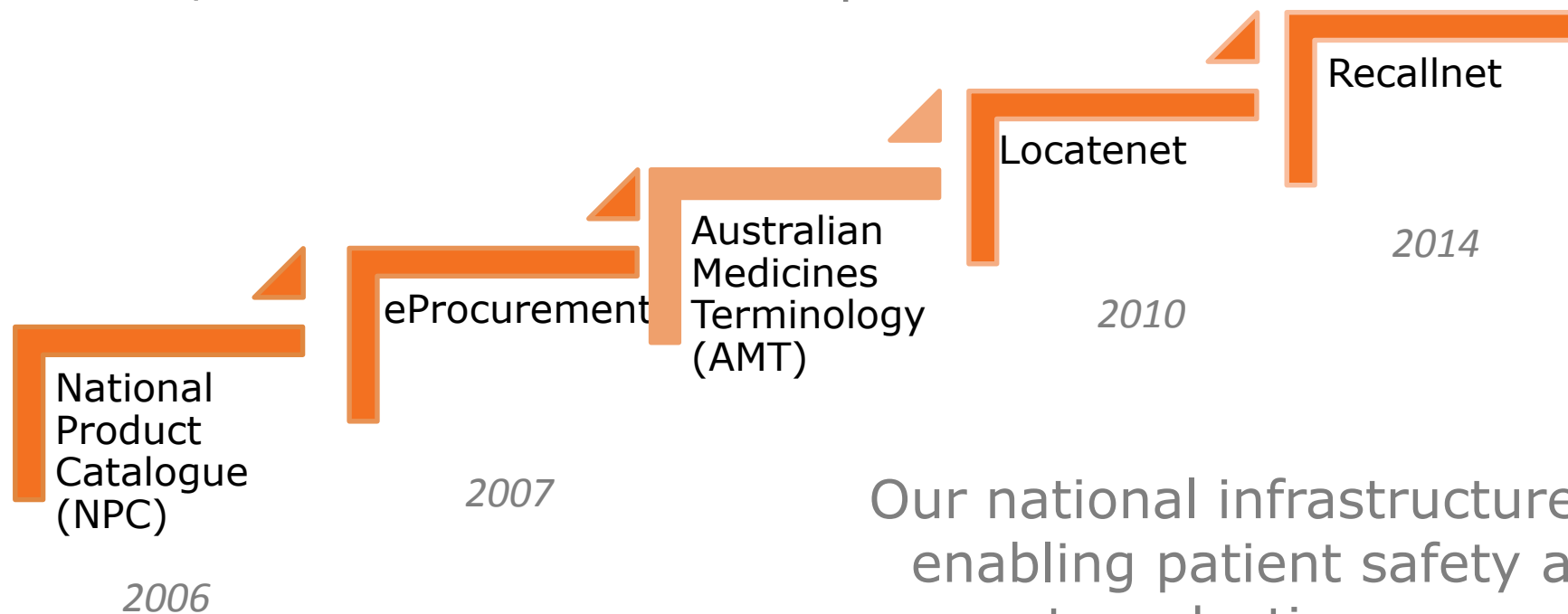
Patient Safety

- A lack of standardised and unique product and location identification has slowed the uptake of system change
- We need to be able to:
 - scan and record within clinical systems a product, the patient, the caregiver
 - track and trace surgical instruments, medical devices, implants, medications
 - use the information available to reduce adverse events
 - efficiently remove recalled products
- Unique products flow across the healthcare eco system
- Systems need to be capable of relating to each other
- Disparate sources of data

Reduce Wastage

- Reduce stock outs by better inventory management
- Have visibility both within a hospital, and across the health system
- Have the right product to be in the right place at the right time for the right patient
- Use common language, and understand when to apply it
- Administrative burden in asking for the same data in different ways

Through NEHTA's strategic partnership with GS1 Australia and our membership with IHTSDO, a framework is now in place



Our national infrastructure is enabling patient safety and waste reduction programs

National Product Catalogue

374,047 GTINs (Global Trade Item Number)

An increase of 45% in the past three years. Represents 1/3 of the Healthcare GTIN's within GDSN globally.

478 organisations connected

449 Data Publishers (representing over 90% of the top 100 suppliers), 29 Data Recipients

Locatenet

6,725 GLNs (Global Location Numbers)

An increase of 89% in the past twelve months

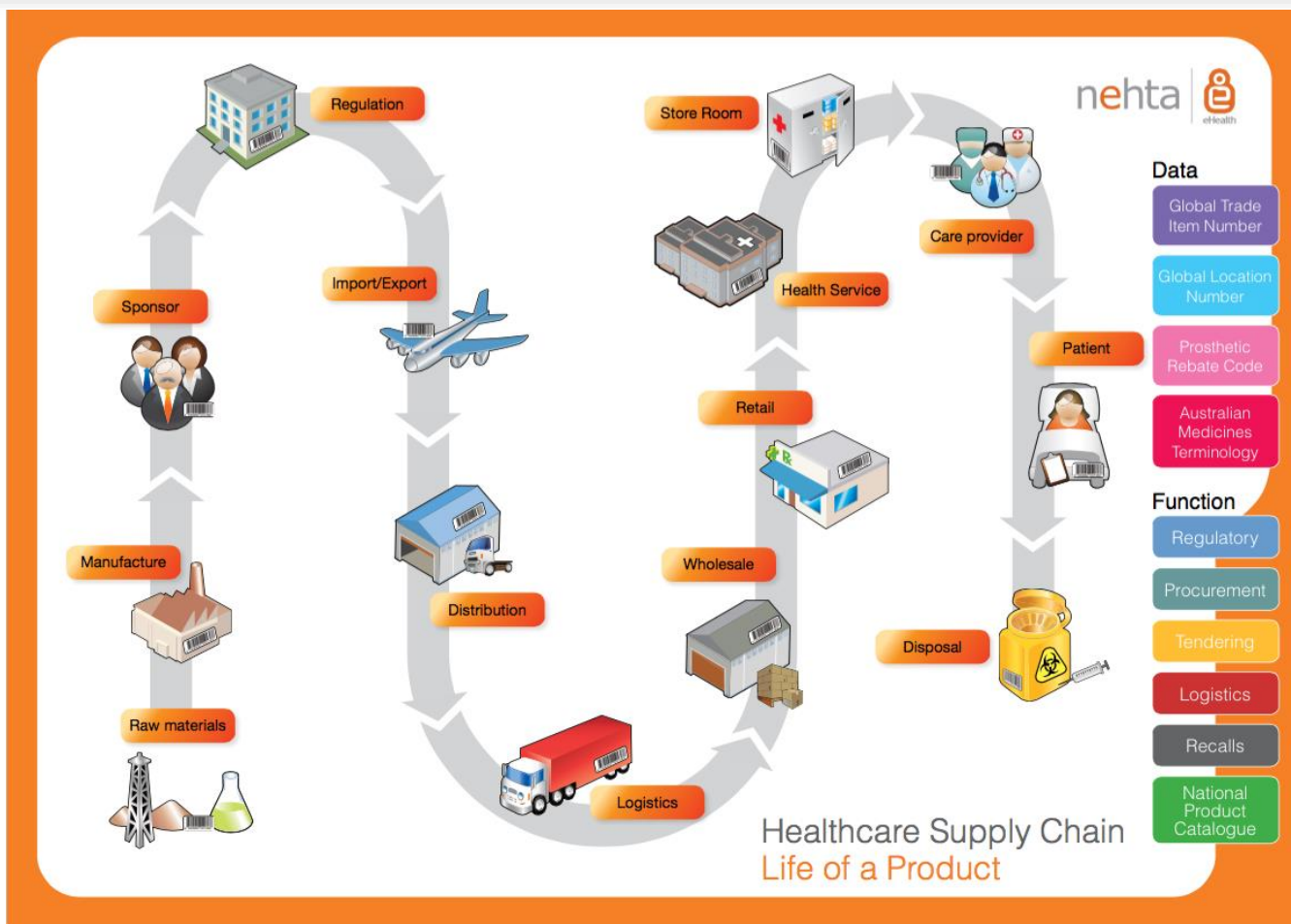
219 Subscribers Publishing

Recallnet

144 entities subscribed

97 recalls/alerts this FY

taking notification time from weeks to minutes



- National Blood Authority – barcode labelling
- National Prescribing Service - MedicineWise+
- ACT Health
 - Neonatal Intensive Care Unit – NICU CAM
 - Location Based Steering Committee - Positive Patient Identification
- Ramsay Health Care – eProcurement
- Robotic Dispensing in Fiona Stanley, Western Australia
- All Major public and private Healthcare provider organisations using National Product Catalogue (GDSN data)
- Theatre Management Systems

- Strategy
 - Leverage what has been built
 - Engage with broader healthcare (aged care, pharmacy, consumer portals)
- Data Governance
 - *industry working groups, data architecture, operational use*
- Continued Implementation of Products
 - *Our National Product Catalogue*
 - *Increased uptake of eProcurement*
 - *Recallnet integration*
 - *Automated exchange of location information*
 - *Supporting solution providers – Integration into clinical systems*
- Supporting Operational Proof of Concepts and Used Cases
 - *Inventory Management, reduction in stock outs*
 - *Analytics, real time, exception reporting*
 - *Track and traceability (including product marking requirements)*
- Continuing to work with GS1 on the use of standards
 - *Support PPID projects through unique product identification, adoption of GS1 standards, vendor and industry support/guidelines*

Thank You

Improvements to the eHealth Value Chain are a industry/community issue and we must work together using standards to realise the benefits to a stakeholders

For further information on NEHTA's Value Chain program, please contact valuechain@nehta.gov.au