Supply Chain Reform as part of the Broader eHealth Agenda in Australia

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NEHTA's Purpose

Lead the uptake of e-health systems of national significance; and coordinate the progression and accelerate the adoption of e-health by delivering urgently needed integration infrastructure and standards for health information.

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Strategic Overview

Four strategic priorities:

1. *Urgently develop the essential foundations required to enable e-health.*
2. *Enable the progression of the priority e-health solutions and processes.*
3. *Accelerate the adoption of e-health.*
4. *Lead the progression of e-health in Australia.*

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Strategic Priority 1
Build the foundations

Urgently develop the essential foundations required to enable e-health.

- *This priority stresses the need to deliver essential e-health services such as Unique Healthcare Identifiers, secure messaging, authentication, and clinical terminologies. These will form the backbone of Australia's e-health systems.*

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Strategic Priority 2
Priority solutions

Enable the progression of the priority e-health solutions and processes.

- *Priorities include referrals and discharge, pathology and diagnostic imaging and medications management.*

Accelerate adoption of e-health

- *It is critical to increase the awareness and uptake of e-health initiatives by the various stakeholder groups, through collaboration and communication programs, incentives and implementation support.*

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Lead e-health in Australia

Lead the progression of e-health in Australia.

- *This priority reflects that NEHTA has a significant role in informing the current and future state of e-health in Australia.*

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Drivers for e-health

- *Ageing population*
- *Chronic disease affects one in seven of us*
- *Rising consumer expectations*
- *Decline in the health workforce*

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Issues related to records management

- *15-30% of people don't take prescribed medications.*

- *50% unnecessary acute episodes/hospitalisation stems from lack of knowledge of a patient condition.*

- *In excess of 70,000 hospital admissions associated with adverse drug events.*

- *8,000 of above hospital admissions result in death.*

- *53% of medication mistakes considered 'definitely preventable' and 30% of unplanned hospital admissions in those over 75 years associated with medication mistakes.*

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"It's time to focus on preventative health and not just on those who become chronically ill"

A HEALTHIER FUTURE
FOR ALL AUSTRALIANS

INTERIM REPORT OF THE NATIONAL HEALTH
AND HOSPITALS REFORM COMMISSION | OVERVIEW

CARE FOR LIFE **TAKING RESPONSIBILITY** PRODUCTIVITY WELLNESS EVERY
QUALITY LEADERSHIP COMMUNITY CHOICES FAIRNESS RESPONSIBILITY

1. Essential foundations: Our work program to date – how Supply Chain fits

Individual Electronic Health Record	Clinical Information	Individual Information	Shared Information	(Others)
E-Health Services	Shared Health Profile	Event Summaries	Self Managed Care	Complex Care Management
E-Health Solutions	ePathology	eDischarge	eReferral	eMedications
National Infrastructure Components	Terminology	Secure Messaging	Identifiers	Authentication

eProcurement

← **National Product Catalogue** →

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What is the National Product Catalogue ?

The National Product Catalogue is Australia's data synchronisation solution hosted on GS1net.

- *It provides a standardised data set for all medicines, medical devices, and consumables at all levels of packaging.*

- *It provides for unique identification of all of these goods, by using GS1's global standard identifier the GTIN (Global Trade Item Number).*

- *For the first time in Australia, there is one central source of truth reducing costs and effort for all parties in the healthcare supply chain.*

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What is the **eProcurement Solution**?
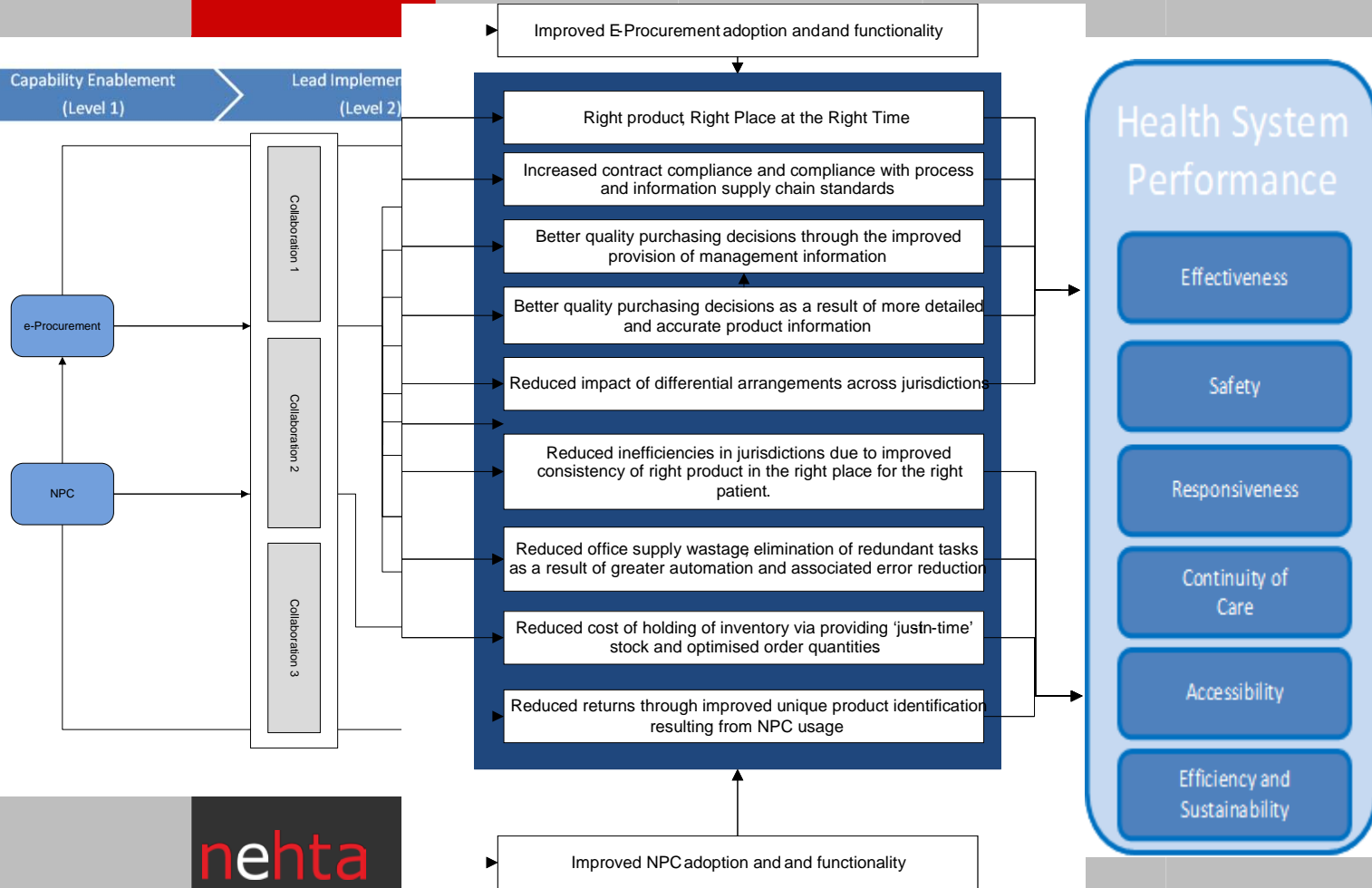
The eProcurement solution:

- *standardises and simplifies purchasers' processes;*

- *allows health jurisdictions to communicate with their suppliers in a consistent structured manner; and*

- *by utilising a standardised method in the order/receipt process, and the NPC for product identification, health purchasers and suppliers will see a reduction in purchasing errors and associated benefits (improved accuracy, speed and efficiency).*

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Supply Chain e-Reform

Supply chain reform affects all aspects of healthcare delivery efficiency and effectiveness:

- *Centralised, standardised, and uniquely identified product data forms the basis for accurately and timely sourcing, management and delivery of medical products within the supply chain as well as to patients.*

- *An electronically interconnected health environment provides an opportunity for the public health sector to make significant efficiency gains and cost savings, particularly in the area of procurement.*

- *Learning from other sectors demonstrate the efficiencies to be had.*

- *Improvements through reforms are transferable to the private healthcare sector.*

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Supply Chain e-Reform Benefits & Outcomes

Supply Chain Reform in Healthcare

Accurate product data is integral to the provision of healthcare.

- *Common information shared between suppliers, wholesalers, and purchasers*
- *Supply chain management, product tracking/ logistics*
- *Hospital Pharmacy – procurement, management, dispensing*
- *Retail Pharmacy*
- *Medical consumables procurement*
- *For use in e-health systems (medicines prescribing and dispensing systems)*
- *Unit Dose identification and Bedside scanning*
- *Patient records*
- *Product tracking and recall*
- *Business Intelligence*

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What's happening to tie solutions together in Australia

- *Product data for patient records - linking GTINs to our Terminology (the AMT)*

- *Examining identifier alignment and the use of auto-identification carriers*

- *Examination of using NPC data in hospital pharmacy solutions*

- *Product data for product tracking, reimbursement and recall.*

- *Working towards the ultimate goal – a complete and accurate individual electronic health record*

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