

# **E-Health and NEHTA**

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Health



Each GP needed hundreds of different paper based forms

# From the National eHealth Strategy



eHealth is one of the most important opportunities to:

- Improve the quality and safety of healthcare delivery
- Reduce waste and inefficiency
- Improve continuity of care and health outcomes for Australians

# Key Objectives of Today



- Nehta's role in ehealth landscape
- Where nehta is at now and where it is going
- You to understand how this impacts on you.

# NEHTA's Role



Develop national infrastructure to enable the health sector to move to “**semantic interoperability**”

➤ “**Semantic**” - one computer is capable of understanding another computer’s clinical terms

➤ “**Interoperability**” - any computer to any computer

➤ Plus – more recently, infrastructure for PCEHR

<b>Personally Controlled Electronic Health Record</b>	Clinical Information	Individual Information	Shared Information	[Others]
<b>E-Health Services</b>	Shared Health Profile	Events Summaries	Self Managed Care	Complex Care Management
<b>E-Health Solutions</b>	eDiagnostics	eDischarge	eReferral	eMedications
<b>National Infrastructure Components</b>	Clinical Terminology & Information	Secure Messaging	Identifiers	Authentication

# Terminology

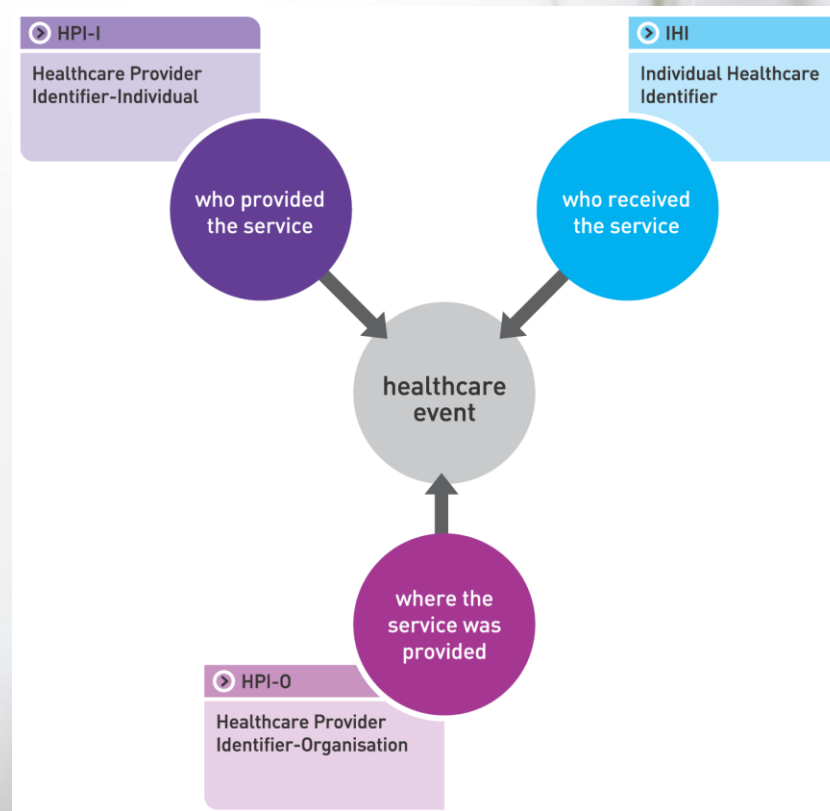


- NCTIS- National Clinical Terminology and Information Service
- SNOMED CT-AU- Systemized Nomenclature Of Medicine Clinical Terms
- AMT – Australian Medicines terminology

# Identifiers



National E-Health Transition Authority  
[www.nehta.gov.au](http://www.nehta.gov.au)



# Personally Controlled Electronic Health Records



The Australian Government announced funding in May 2010 of \$466.7 million for personally controlled electronic health records (**PCEHR**).

The **PC EHR** will provide secure access for patients and health care providers to their e-Health records via the Internet regardless of their physical location

# 2010 Budget: Min Roxon Release



**A personally controlled electronic health record will have two key elements:**

a health summary view including:  
conditions, medications, allergies, and  
vaccinations; and

an indexed summary of specific  
healthcare events.

# Key Points



Participation will be voluntary

- Individuals can control what is stored and will decide who can access it

The PC EHR will be underpinned by:

- Rigorous governance and oversight to maintain privacy;
- National standards and core national infrastructure

*From DoHA Press Release 11 May 2010*

# Time Frame



## 2010-11

- Consultation with various stakeholder groups to assist with the planning, design and development of a personally controlled electronic health record system.

## 2012-13

- Individuals will be able to register for a personally controlled electronic health record online.

*From DoHA Portfolio Statement June 2010*

# Proposed Scope



## Core Infrastructure

- Consumer and Provider Portal
- Indexing and Search Services

## Enhanced Care Coordination

- National Repository populated using health summary information from GP systems

## Strengthening Consumer Participation

- Consumer portal allows access to their own health information, visibility to their own health information and ability to view audit trail
- “Personal Health Diary” approach agreed

*From Business Case*

# Proposed Scope - Desirable



## Enhanced Care Coordination

- Capture of Event Summaries
- Potentially supported by information from other sources e.g. ACIR, Organ Donor, PBS

## Better Assessment and Treatment Selection

- Pathology report and radiology report summary information available

## Health System Intelligence

- Reporting and evaluation framework in place

*From Business Case*

# Architecture



## Draft Concept of Operation

- Initial Draft developed in conjunction with NEHTA stakeholders
- To be updated based on ongoing consultation

# Key Messages



- Nehta is funded to provide the national infrastructure required to meet the needs of a clinically computerised and electronically connected health sector
- Computerisation and uptake of nehta products are the responsibility of the health sector (some funding is available through nehta through PCEHR)

Thank you

Questions

