

The future of eHealth is now!

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International Health Terminology Standards Development Organisation
(IHTSDO)

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NEHTA's purpose



- Lead the uptake of eHealth systems of national significance
- Coordinate the progression and accelerate the adoption of eHealth by delivering urgently needed integration infrastructure and standards for health information

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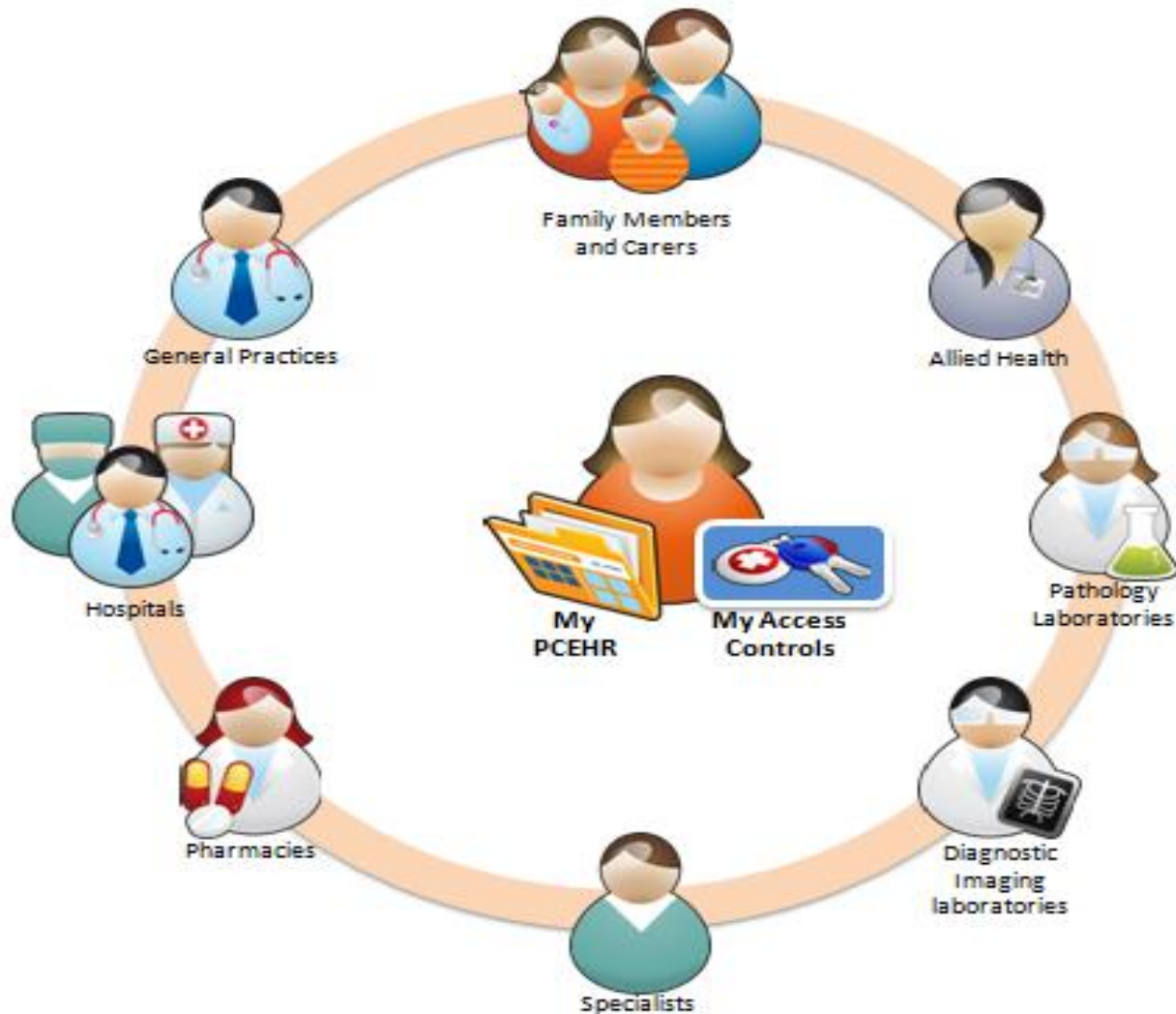


eHealth is **here**

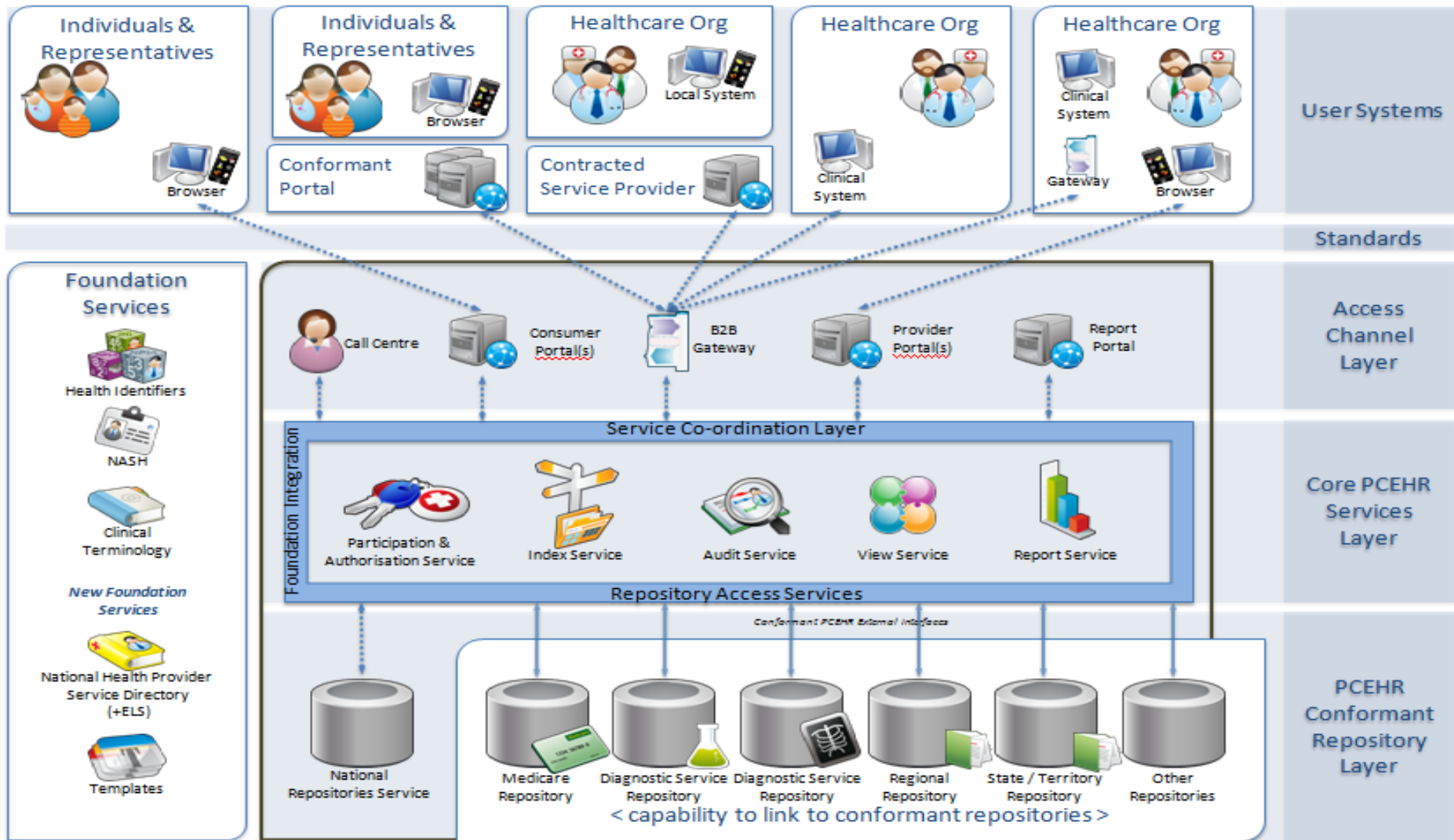
Personally Controlled Electronic Health Record	Clinical Information	Individual Information	Shared Information	[Others]
E-Health Services	Shared Health Profile	Events Summaries	Self Managed Care	Complex Care Management
E-Health Solutions	ePathology	eDischarge	eReferral	eMedications
National Infrastructure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

The Personally Controlled Electronic Health Record

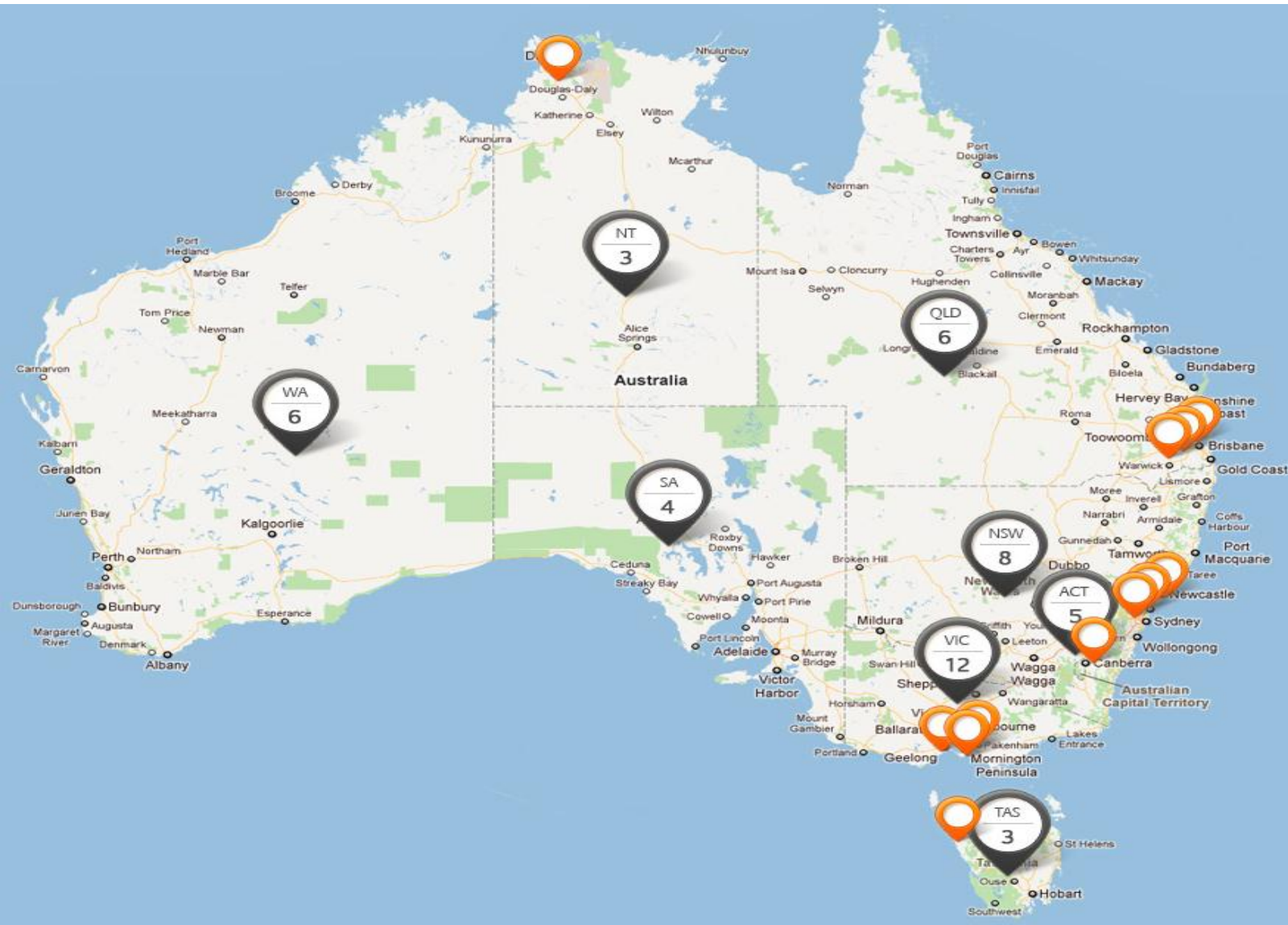
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The Personally Controlled Electronic Health Record



eHealth in action



Legend

- Australian Govt eHealth sites
- NEHTA foundations

Activity across Australia

- More than 1,184,000 Individual Healthcare Identifiers in use
- More than 730,000 GP patient records matched in 370 GP practices in Brisbane North, the Hunter and Melbourne East
- WA, NSW, SA, VIC, QLD and ACT are using the National Product Catalogue
- VIC has started using Australian Medicines Terminology
- NT is using Secure Messaging Delivery and ACT will use it as part of its product and inventory control system

SNOMED-CT

- SNOMED CT is the chosen national terminology for Australia, in recognition that:
 - It is the most comprehensive, multilingual clinical healthcare terminology in the world
 - It is the most suitable terminology for systems like the PCEHR
- Implementing SNOMED is a key step towards semantic interoperability
- This is a journey: our approach takes a pragmatic view of the readiness of software vendors to implement SNOMED and availability of implementation tools

Where are we today

- NEHTA produces Australian extension SNOMED CT-AU and releases twice per year
- First SNOMED CT-AU release was made December 2009
- Emergency Department reference set complete – implementation planning underway in 3 States
- GP reference set under development – to be implemented in PCEHR.
- NEHTA also produces the SNOMED derivative the Australian Medicines Terminology, monthly releases

Implementations

- Around 500 organisations and individuals hold a SNOMED CT license through NEHTA
- 29 have implemented, or plan to implement SNOMED or AMT
 - 19 in an electronic health record
 - 12 for medications management
 - Also for pathology, pharmacy and discharge summaries
- Each implementation is different and the lesson learned are captured
- Approaches include reference sets and mapping

What else is going on?

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Later today you will hear about how SNOMED is being put in action from:

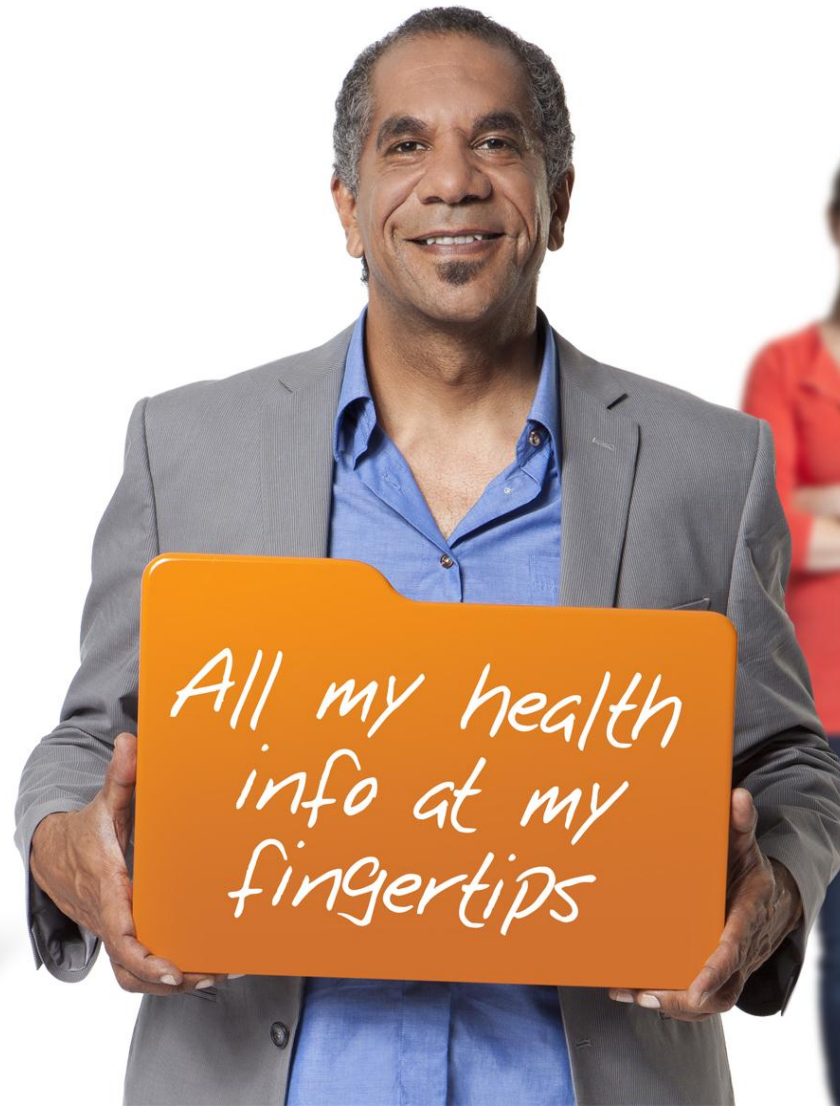
- NSW Health on implementing SNOMED to capture diagnosis in emergency departments
- The CSIRO on tools and methods for deploying SNOMED in clinical information systems
- NEHTA on resources available to assist implementation
- Other implementation case studies

Where to from here...

- Significant opportunities for healthcare organisations to improve efficiency and effectiveness through eHealth
- Immediate need to get eHealth ready, especially for the Personally Controlled Electronic Health Record
- Keep up to date with PCEHR and related developments:
 - www.yourhealth.gov.au
 - www.ehealthinfo.gov.au
- Find out what NEHTA is doing at www.nehta.gov.au

Thank you and questions...

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*All my health
info at my
fingertips*

