## Transforming Australia's Digital Health Infrastructure

### **Information Session**



Australian Government Australian Digital Health Agency

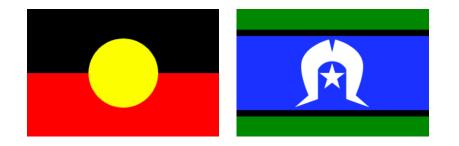
### **Scene Setting**

Amanda Cattermole

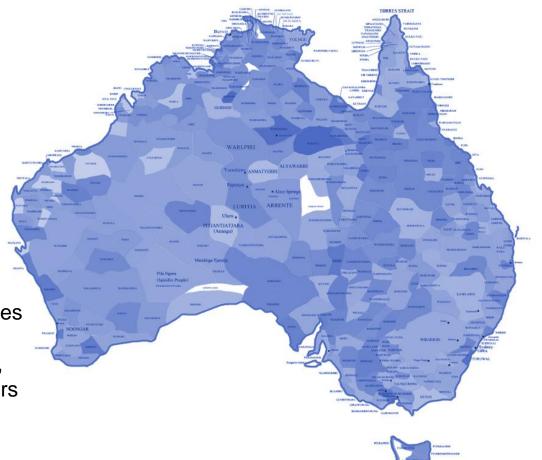




# Acknowledgement of Country.



The Australian Digital Health Agency acknowledges the Traditional Custodians of Country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to Elders past and present.





### **Scene Setting**

- Strengthening Medicare Taskforce
- National Digital Health Strategy
- Interoperability Plan
- Share by default
- Healthcare Identifiers legislation review
- Collaboration and consultation as part of our DNA





With the right short and long term policy settings, incentives and appropriate regulatory framework I believe Digital health represents the single greatest opportunity to transform health care in Australia.

The Hon Mark Butler MP Minister for Health and Aged Care Summit on Clinical Governance in Digital Health

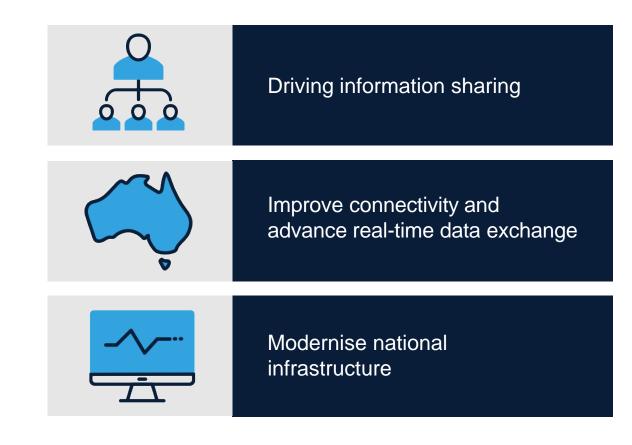


### This is a pinnacle moment for Australia's digital health future



### **Strengthening Medicare Taskforce**

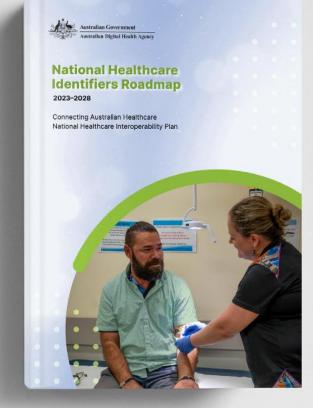
#### **Digital Health Priority areas**













### The Transformation



### Digital health services, standards, specifications and compliance

- Develop, implement, operate and manage specifications, standards, systems and services in relation to digital health
- Innovate and improve, consistent with the national digital health work program
- Compliance in relation to the adoption of agreed specifications and standards



### **Enabling the future**





### **Clinical Governance**



The primary vehicle **to drive high-quality and safe use** of digital health products and services.



### Security by design

Various Australian laws operate to embed consumer control, regulate the handling of health information, and limit health information leaving Australia.

**Privacy Act** 

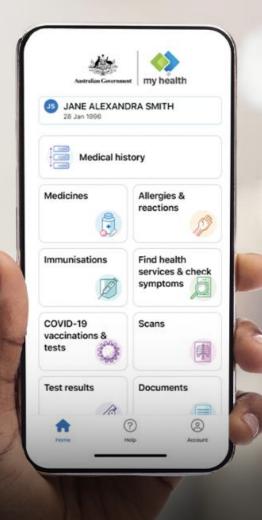
My Health Records Act

Data Availability and Transparency Act



# What does this mean for consumers?

Any information you need regarding your health, you can find in the palm of your hand.





# What does this mean for clinicians?

The right information to inform the right treatment at the right time.

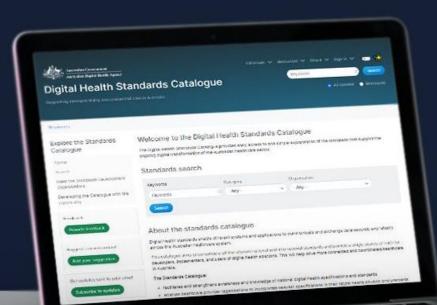


# What does this mean for software vendors?

Build once and deploy with confidence across your Australian customers, that the same patterns are supported across the Health System



### Digital Health Standards Catalogue



K-ZY-VIII



### **Procurement** Guidelines

This content is draft for consultation Digital Health Procurement Guidelines

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Search

### **On this page:** About the Guidelenes ( Who should use the Guidelenes ( Why are the Guidelenes instanting ( ) battom Dogram Meann Standards Catalogue ( ) Encouriment standing considerations ( ) Get started ( ) Contactus

s and program

digitalhealth.gov.au

#### About the Guidelines

The Digitul Health Procurement Quidelines (the Quidelines) enable a systematic and counsel approach to the procurement of technology in the systematic and counsel setter. Consequently, they support a treatmentation in the durates produces produces the systematic approach the Quidelines produce a transmitter of technology, interconcepting and operative requirements to help Australian healthcare organizations and operative the distributions of data, systema and schedulogy interconcepting and the distribution of data, systema and schedulogy interconcepting and the distribution of data, systema and schedulogy interconcepting and the distribution of data. Systema and schedulogy interconcepting and the distribution of data. Requirements to two huteralian hawthcare organisations stops and reserved the interconnecting or additional production of secondary, intercograming and organ leasts formands teacher basely which the couldering as the are critical to ensuring connected care across Aureran, and were are incompared as critical enablers which the <u>lasticeal leastscare intercogram</u>y zero.

Embedding standards in technology procurement boots digital capability and minutes lance access to accurate timely estimate luminous search. The Ourdernes lituation practical steps for buyers to ensure relevant digital health standards are incorporated into procuring pro-Embedding Mandards in Vectoriology proceedent books organ capation y and insures better access to accesse, timely aska within Natiratian heams systems, thereby timeliting Cancesse, consumers, patients and their carers No wandows want we previous nees we surger to ensure nearest wanted want want advances we considered and previous with memory of the Australian Digital Health Agency (the Agency) is a phase approach in collaboration with the Australian Healthcare sector of the Australian Healthcare

The Agency well release the Quidelines using a phased approach with more contents and functionary added over time. This involue version you are version is intended as a consistence draft to gan valuable terespect from statementary and encourage wider expert participation in the development process. EXEINT reference is force on intercorporability standards. This is not as a warm and service many constraints of the service on the service o

Subsequent releases Post-sanch releases well includes more systems and technologies over the coming months and incorporate technick received via consultations with statemologies and users of the Guidelines. Who should use the Guidelines? tern motion buyers in the Australian Insenticing industry to an insent to proceivenet. This includes the resolutioners for insention, national, and reariest production standards and



### National Healthcare Identifiers Roadmap

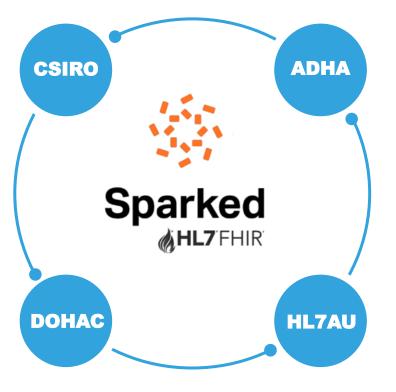
ralian Digital Health Agency Australian Government National Healthcare Identifiers Roadmap Connecting Australian Healthcare 2023-2028 National Healthcare Interoperability Plan



### **FHIR Capability Uplift**

**Training and Capability Uplift** 









### Conformance Framework

**Conformance and** Assurance strategic approach



Scan to read



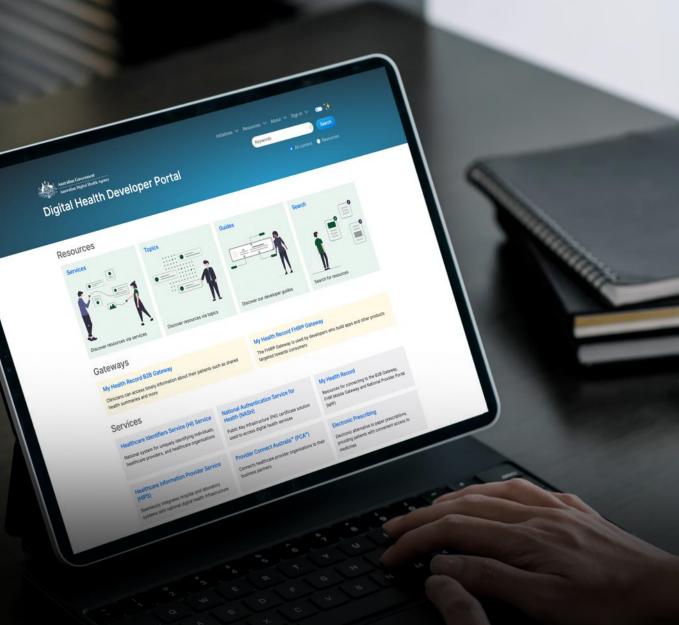
ance Framework



### Streamlining Conformance and Connections

#### Key goals

- Improve business content, processes, and workflows, to reduce administrative burden.
- Utilise the Developer Portal as a two-way engagement and support channel.
- Align and harmonise the delivery of connections and conformance services.





Creating better healthcare outcomes for all Australians through secure information sharing

> New and existing tech Common models Standards Design patterns Authentication Authorisation Discovery and access

### Health Information Exchange (HIE)

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Electronic Nedical Record Data Locations Huthority

Medical Imaging PACS Pharmacy System

Health Information Exchange (HIE): Interoperability Patterns

Discovered

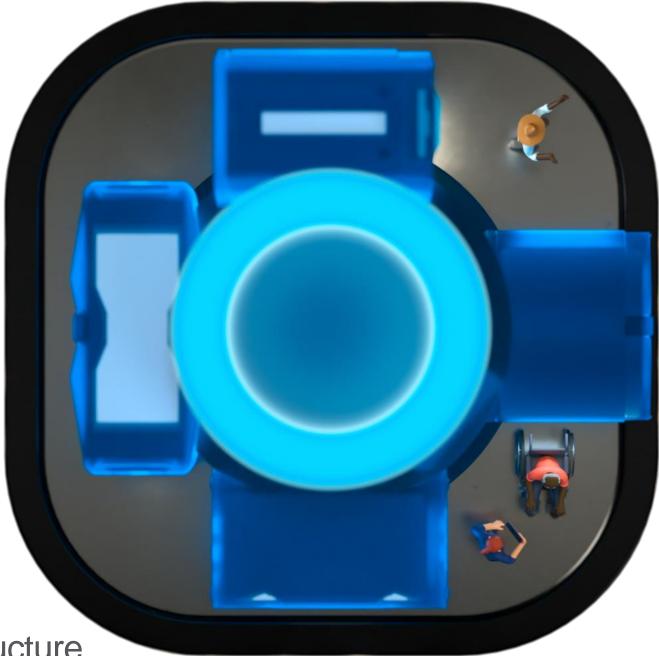
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Lifecycle nent Nanagement

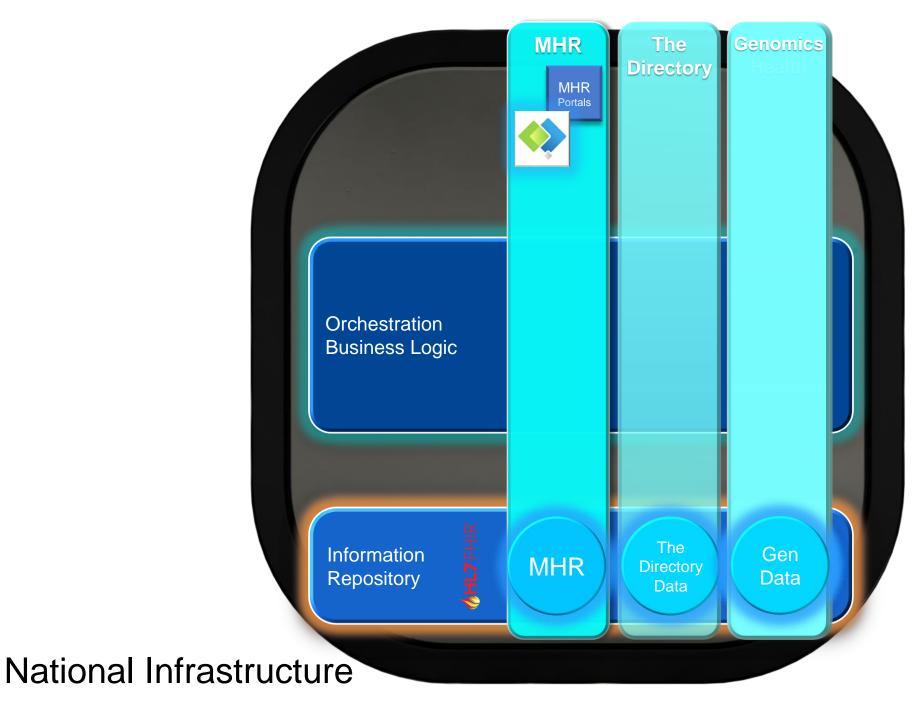
consumer Mediated Nediated Exchange

Directed Information Informationge

Information



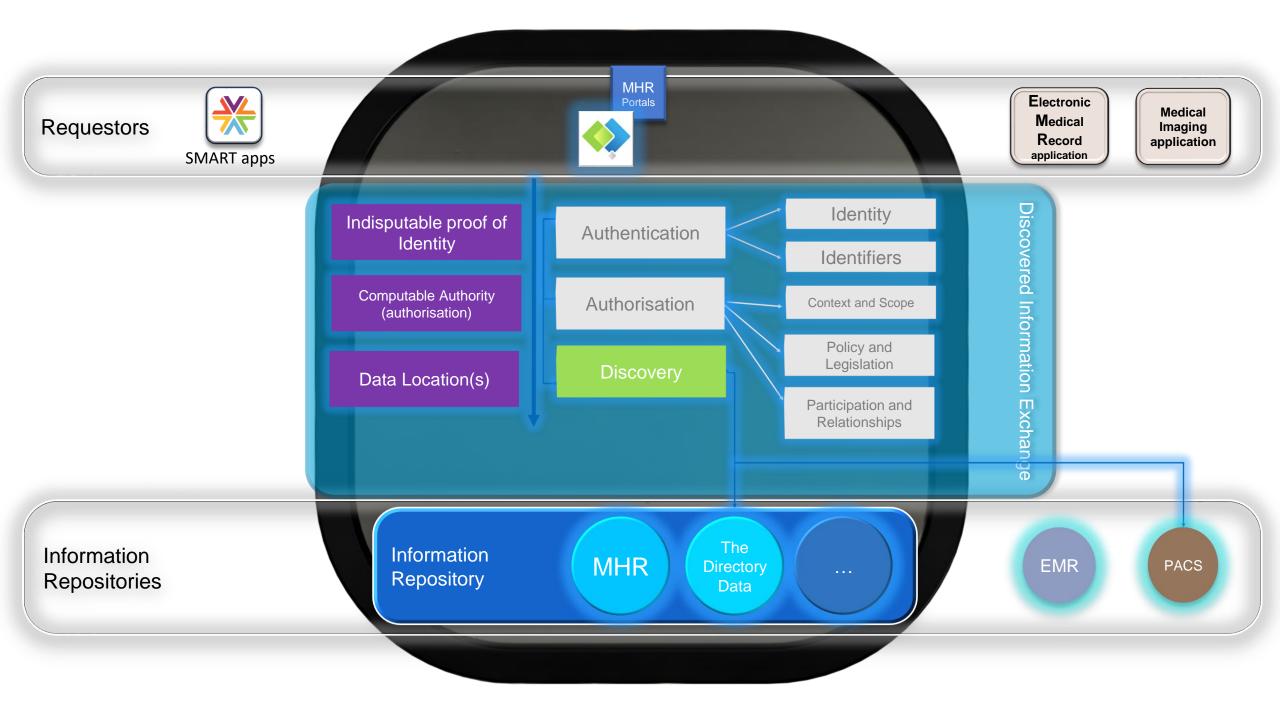
National Infrastructure

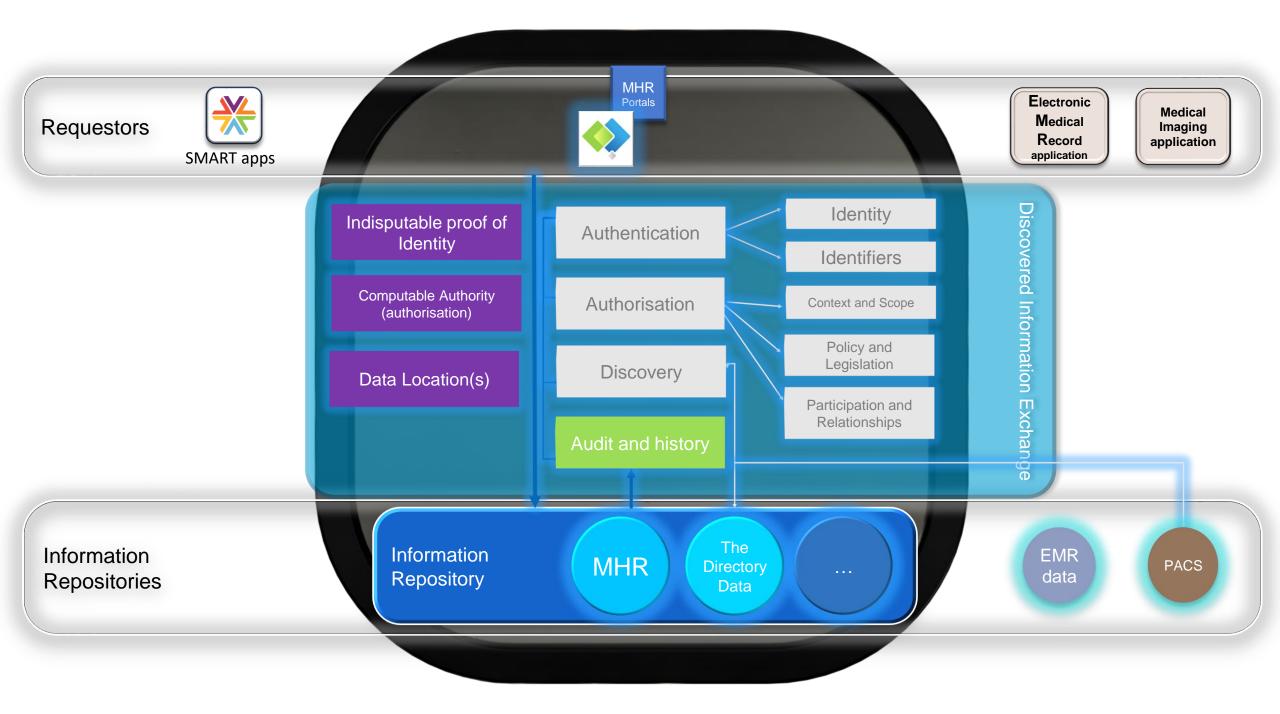


















Care settings (including disability and aged care)

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#### **Diagnostic services**

Consumer sources

#### **Pharmacies**

# We need you to help us Provider directories achieve this vision

Public and population health

Care settings (also including Allied Health)

## **Planning and Delivery**

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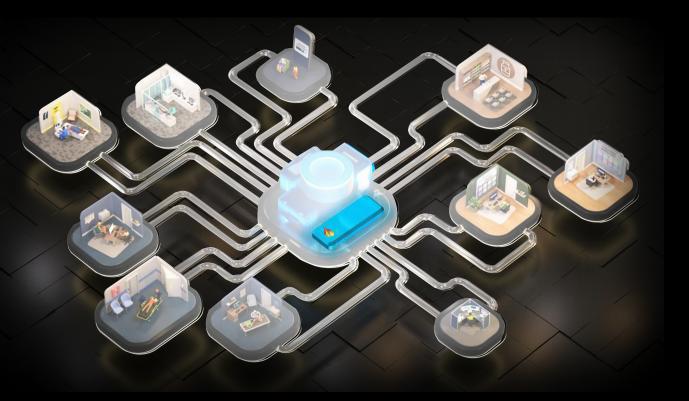


# Future Internal Development



# **Planned Procurements**





My Health Record (MHR) Fast Healthcare Interoperability Resources (FHIR) Server Products and/or Services





Allied Health Connection to My Health Record Products and/or Services





Allied Health Clinical Information System Connections to My Health Record (Industry Offer)





Operational Management and Product Enhancement Services for My Health Record Solution



# Open, Transparent and Competitive



## Probity and Supplier Code of Conduct



# Other Ways to Stay Connected

AUSTENDER:austender.gov.auWEB:digitalhealth.gov.auEMAIL:help@digitalhealth.gov.auPHONE:General enquiries 1300 901 001



Australian Digital Health Agency @AuDigitalHealth @AuDigitalHealth





#### Panel Q and A

Amanda Cattermole, Peter O'Halloran, Joanne Greenfield, Paul Creech, Julian Martin

Facilitated by Dr Steve Hambleton



