

Transforming Australia's Digital Health Infrastructure

Information Session



Australian Government

Australian Digital Health Agency



Scene Setting

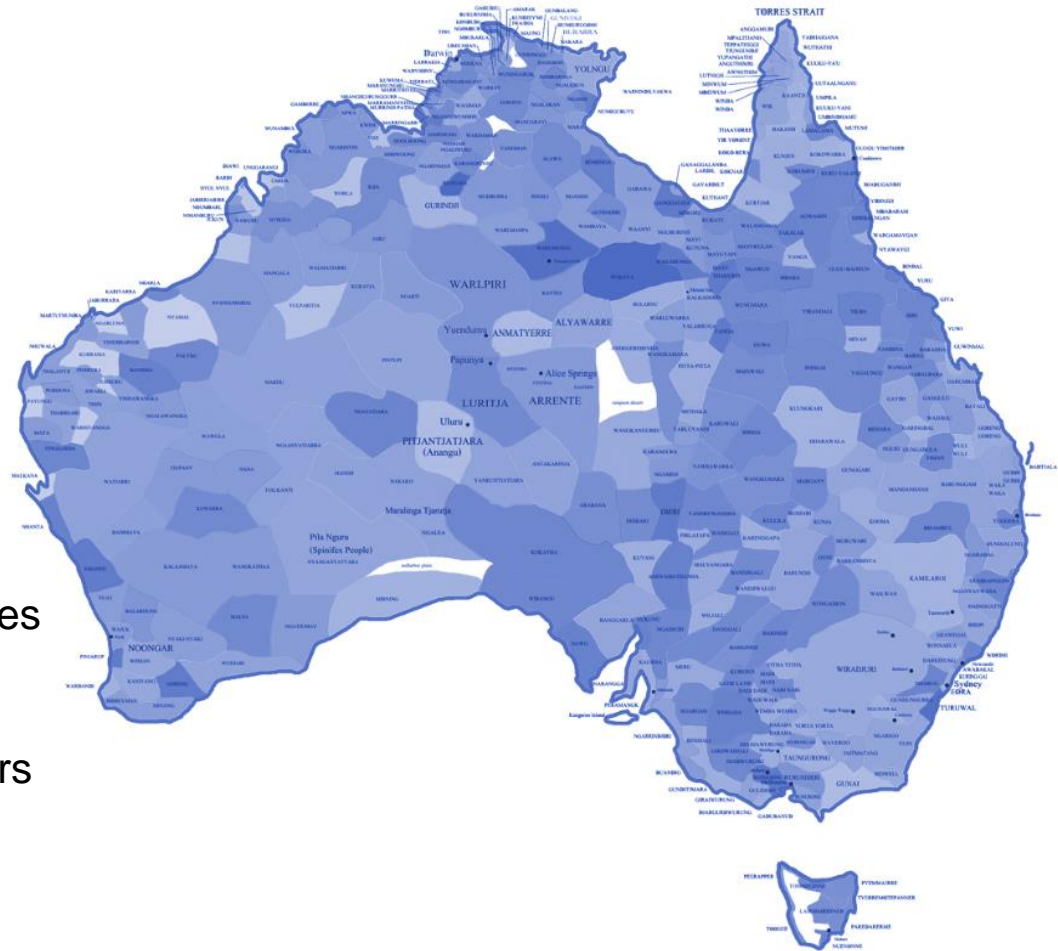
Amanda Cattermole



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.

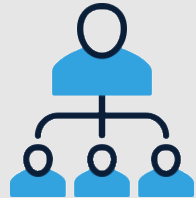
*The Hon Mark Butler MP
Minister for Health and Aged Care
Summit on Clinical Governance in Digital Health*

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



Strengthening Medicare Taskforce

Digital Health Priority areas



Driving information sharing

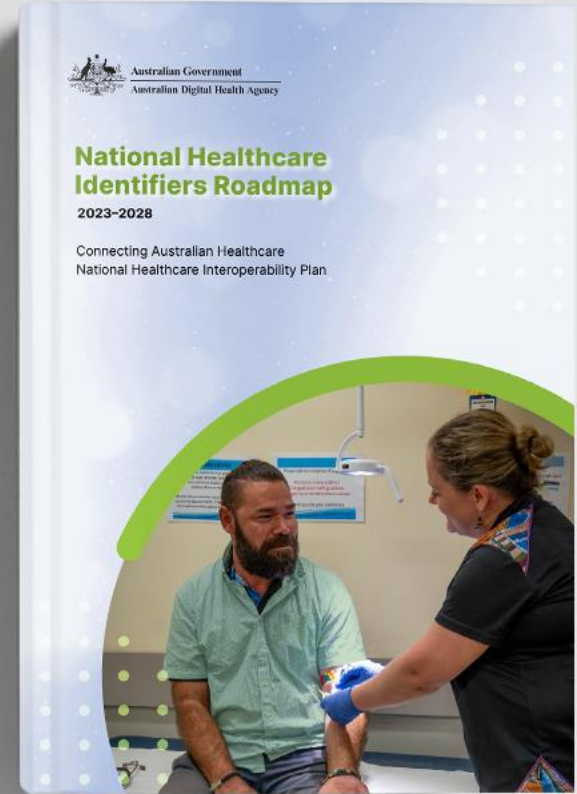
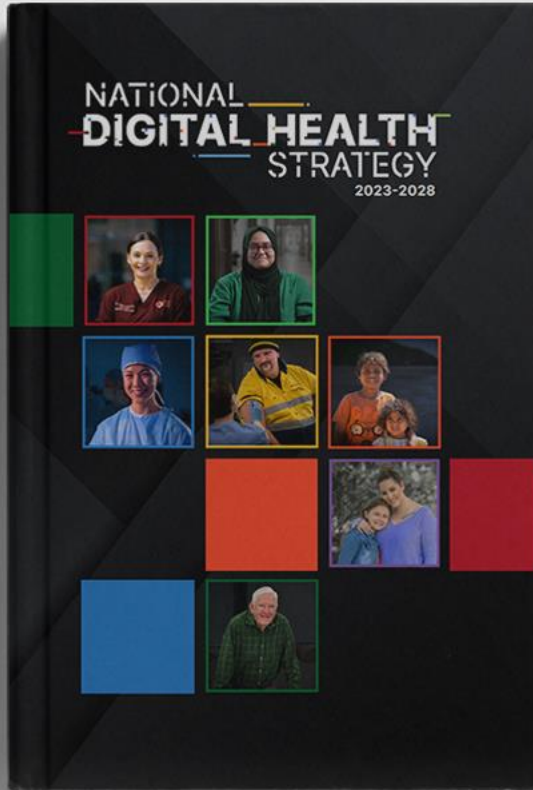


Improve connectivity and
advance real-time data exchange

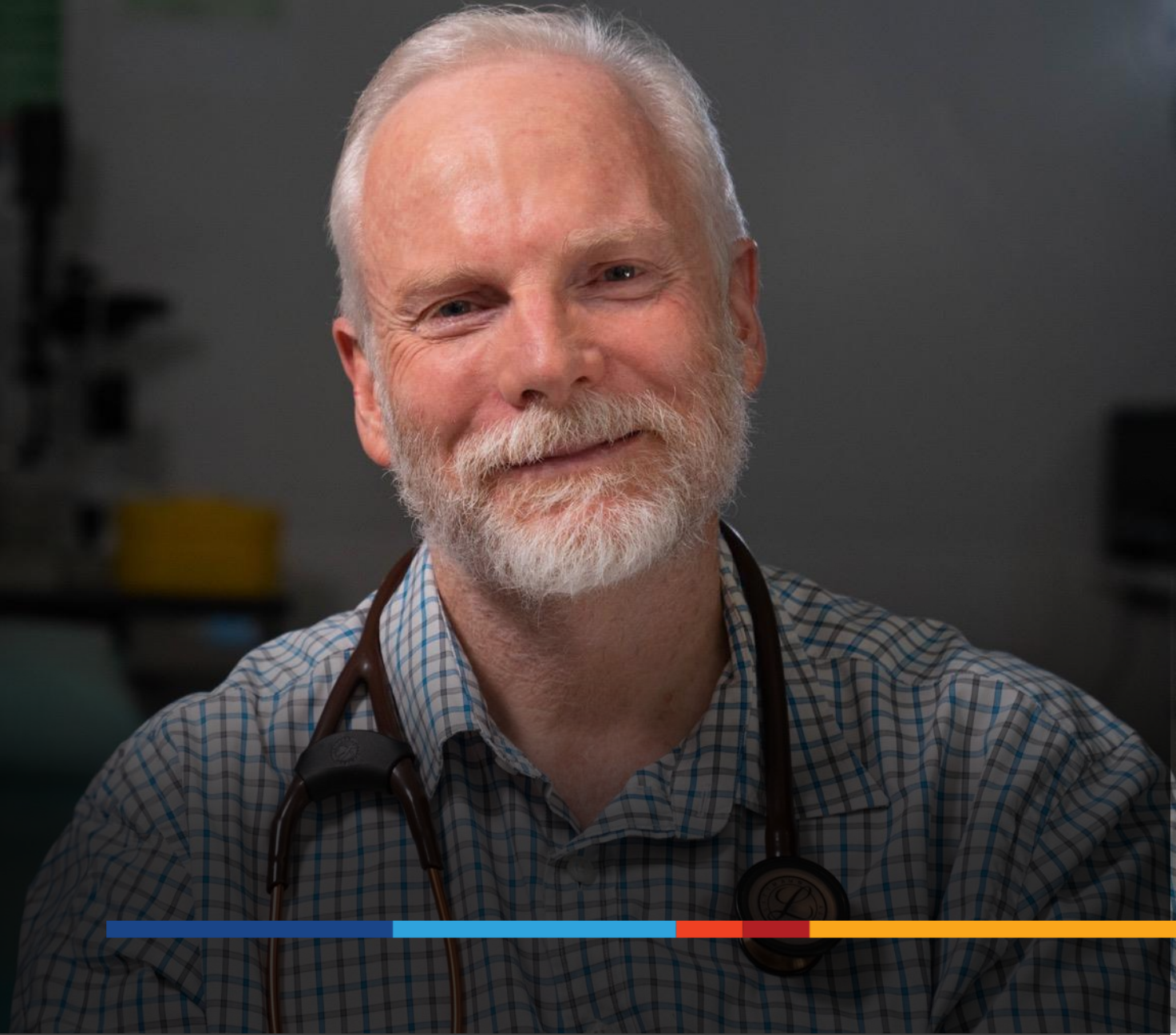


Modernise national
infrastructure





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

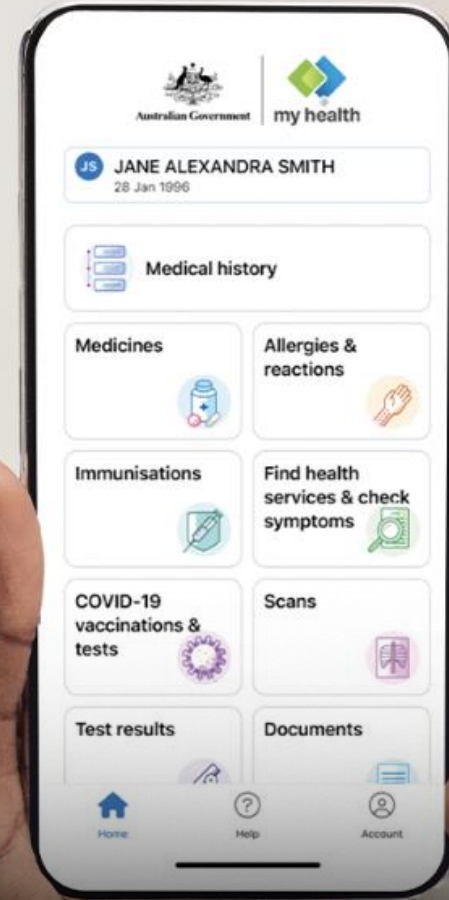
My Health
Records Act

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.



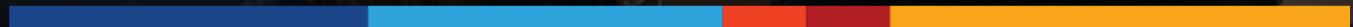
What does this mean for clinicians?

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

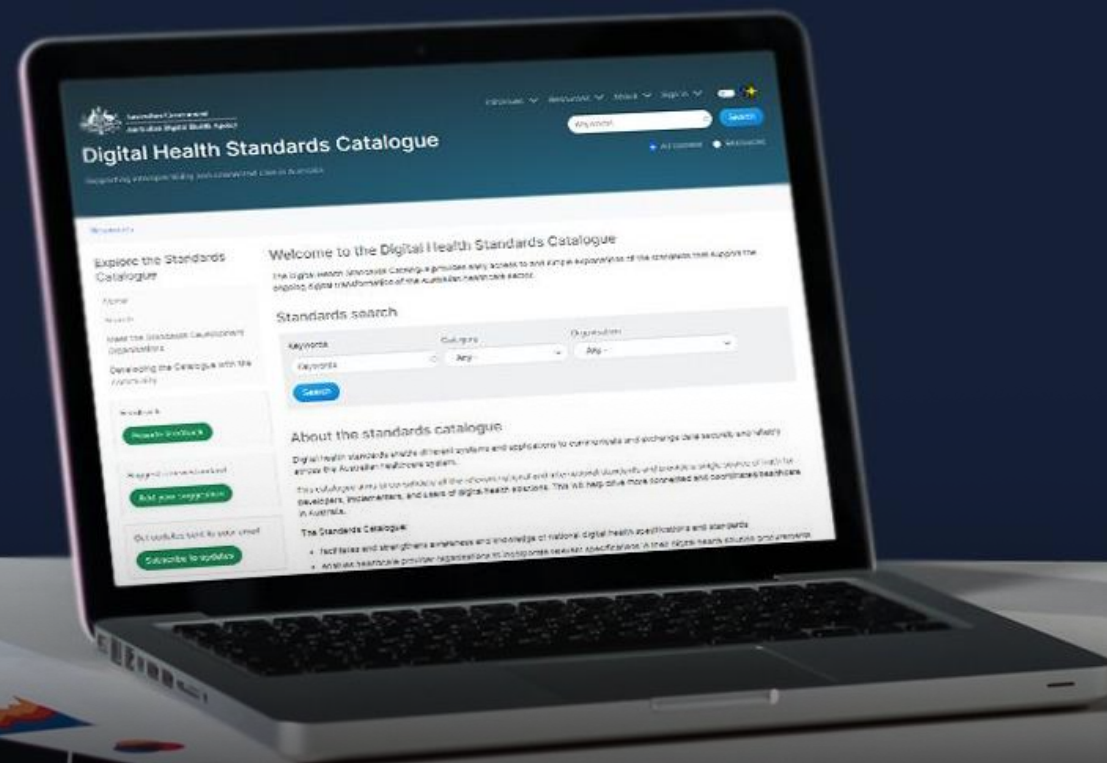


What does this mean for software vendors?

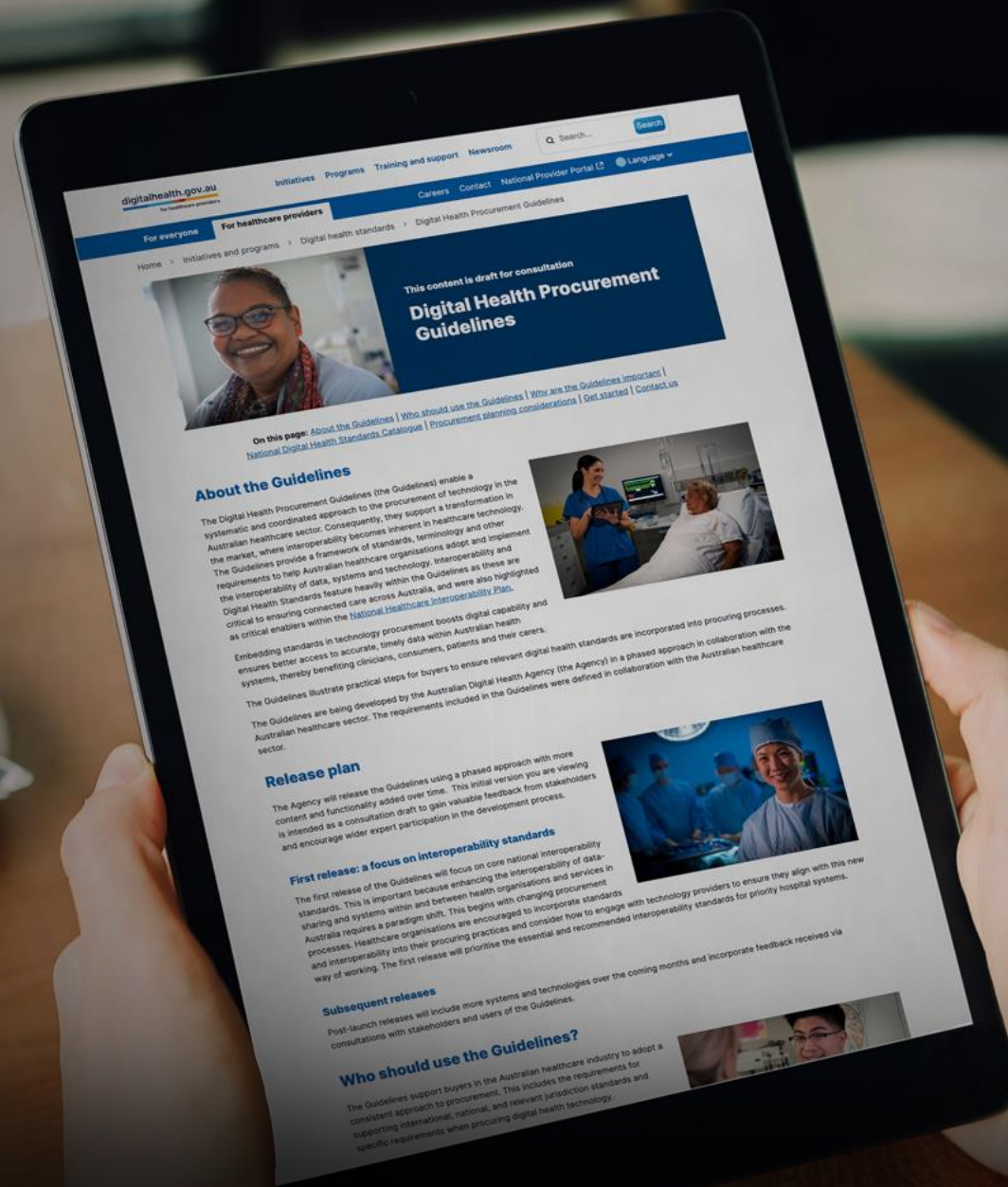
Build once and deploy with
confidence across your Australian
customers, that the same patterns are
supported across the Health System



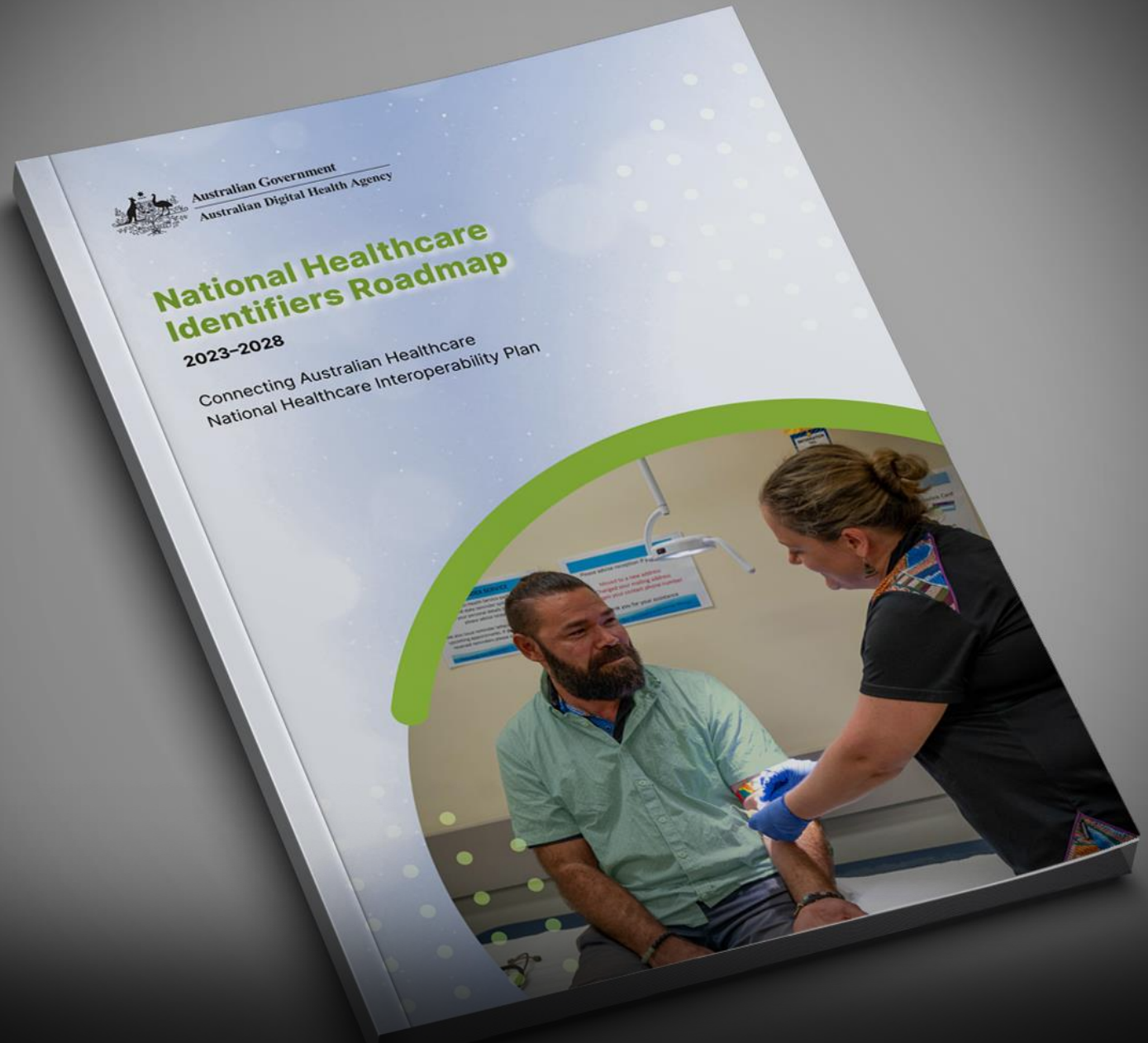
Digital Health Standards Catalogue



Procurement Guidelines

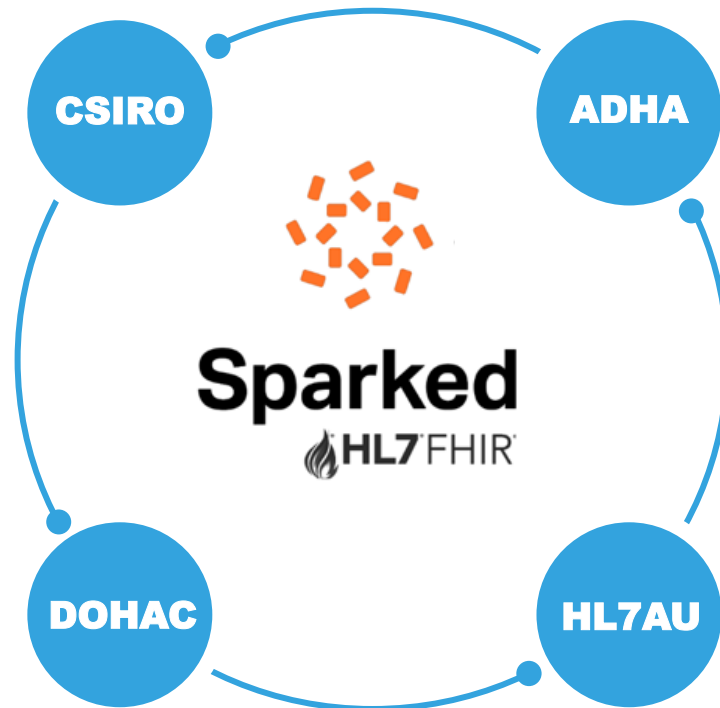


National Healthcare Identifiers Roadmap



FHIR Capability Uplift

Training and Capability Uplift



Conformance Framework

Conformance and Assurance strategic approach



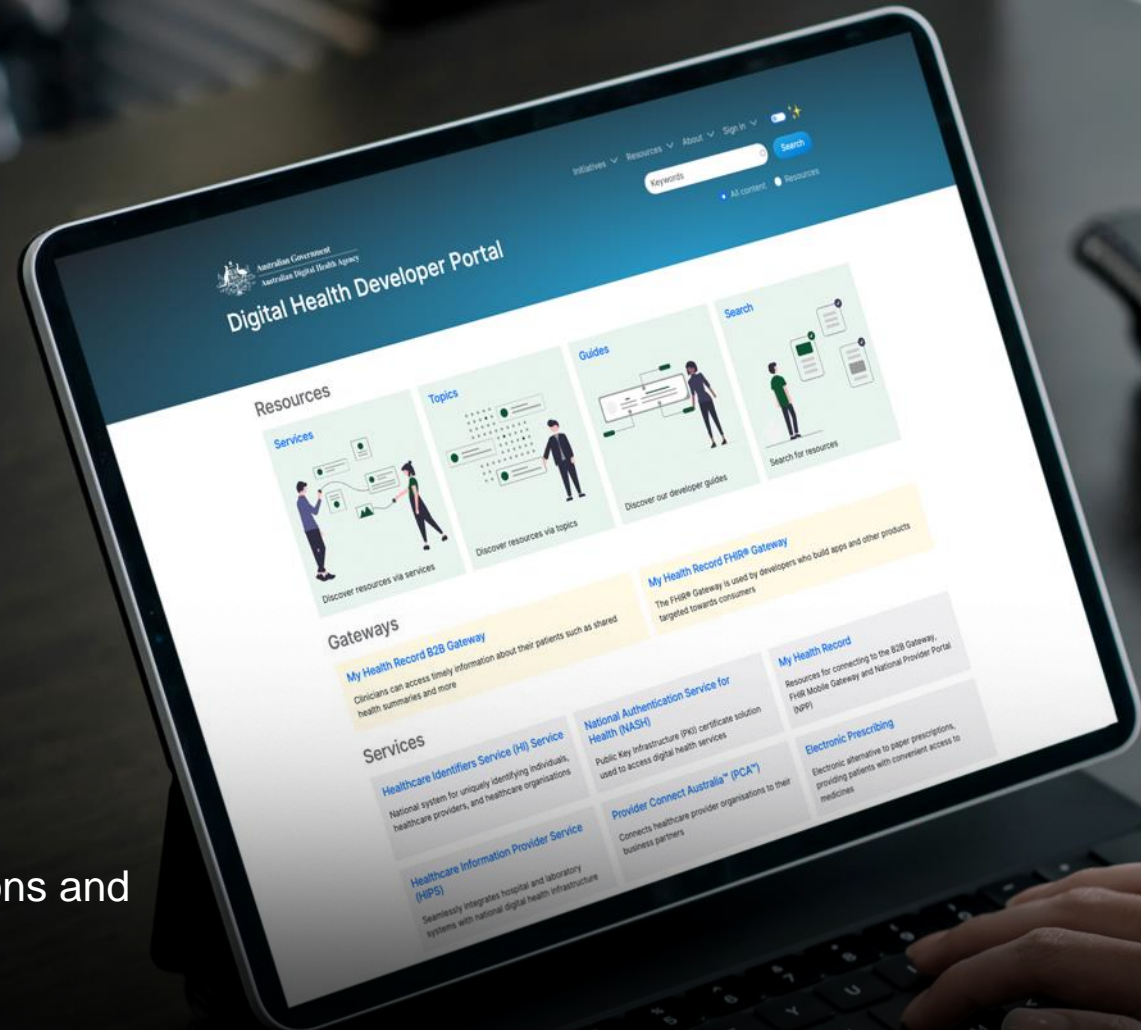
Scan to read



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.





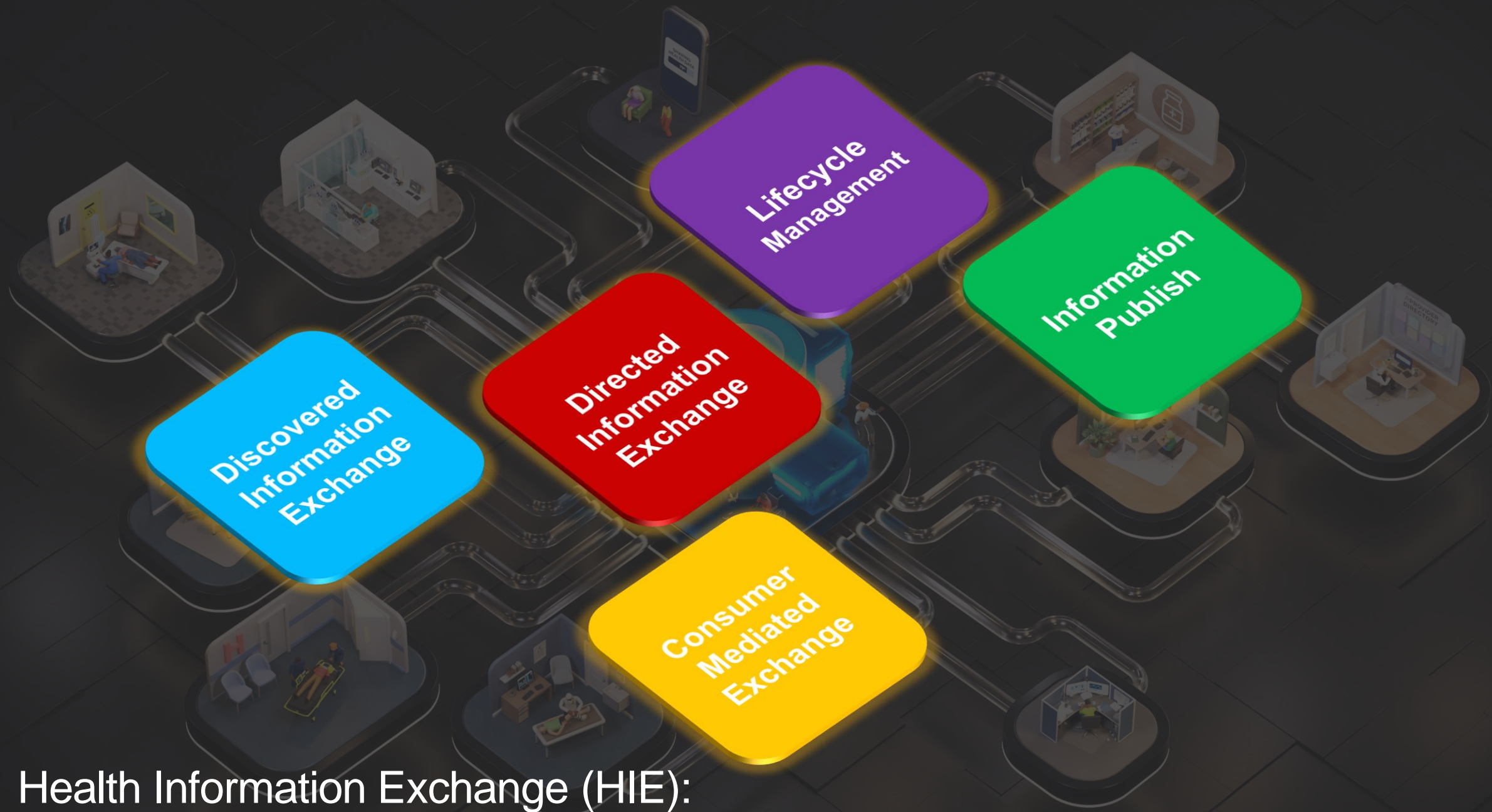
Creating better healthcare outcomes for all Australians through secure information sharing

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

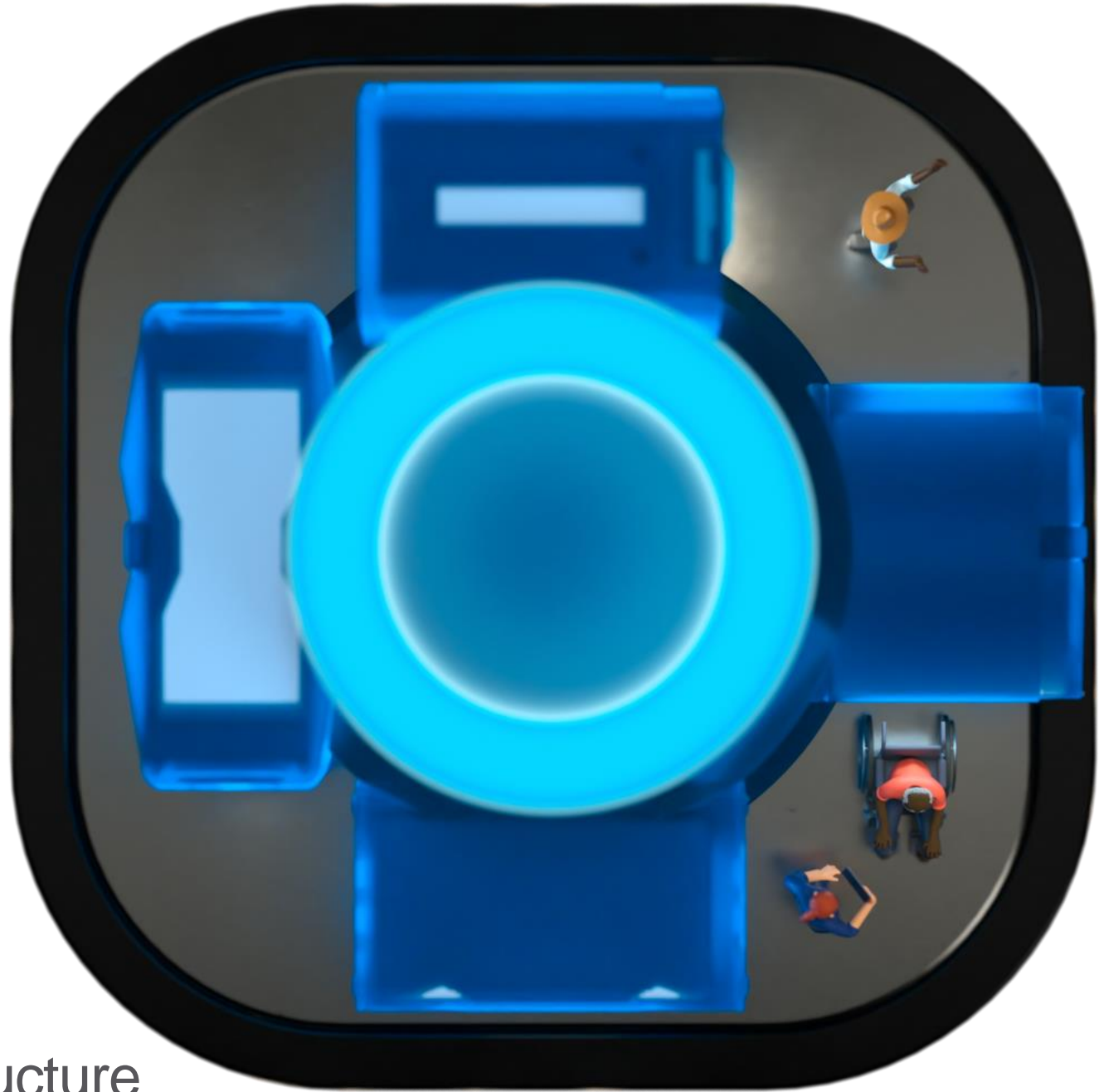
Health Information Exchange (HIE)



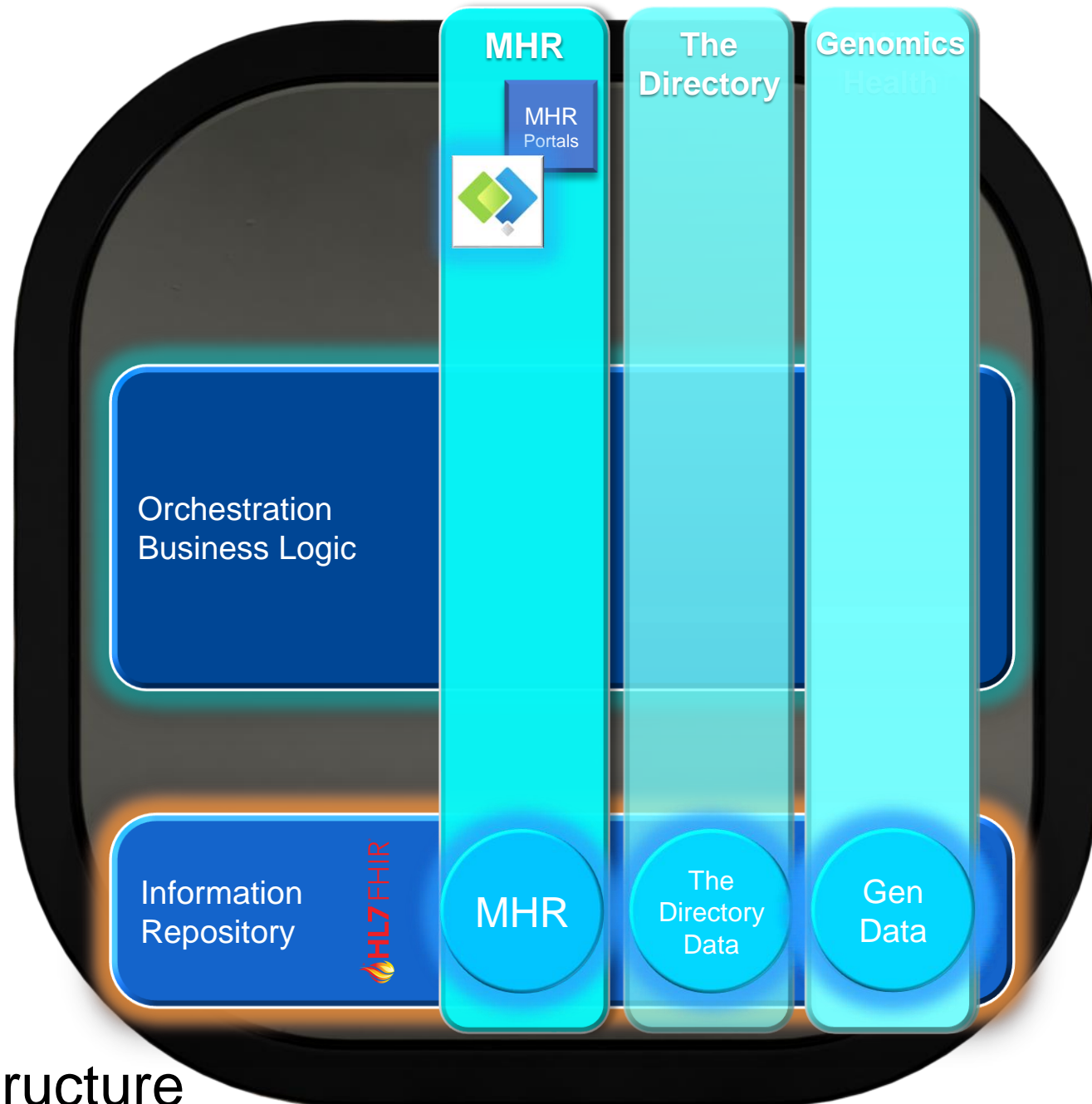
Health Information Exchange (HIE)



Health Information Exchange (HIE):
Interoperability Patterns

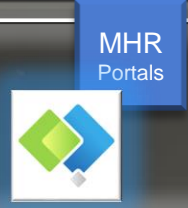


National Infrastructure



National Infrastructure

Requestors



Discovered Information Exchange

Directed Information Exchange

Lifecycle Management

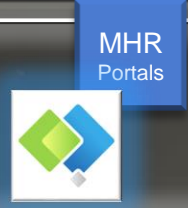
Consumer Mediated Exchange

Information Publish

Information Repositories



Requestors



Indisputable proof of Identity

Authentication

Identity

Identifiers

Discovered Information Exchange

Discovered Information Exchange

Information Repositories

Information Repository

MHR

The Directory Data

...



Requestors



MHR
Portals



Electronic
Medical
Record
application

Medical
Imaging
application

Indisputable proof of
Identity

Computable Authority
(authorisation)

Authentication

Authorisation

Identity

Identifiers

Context and Scope

Policy and
Legislation

Participation and
Relationships

Discovered Information Exchange

Information
Repositories

Information
Repository

MHR

The
Directory
Data

...

EMR

PACS

Requestors



MHR
Portals



Electronic
Medical
Record
application

Medical
Imaging
application

Indisputable proof of
Identity

Computable Authority
(authorisation)

Data Location(s)

Authentication

Authorisation

Discovery

Identity

Identifiers

Context and Scope

Policy and
Legislation

Participation and
Relationships

Discovered Information Exchange

Information
Repositories

Information
Repository

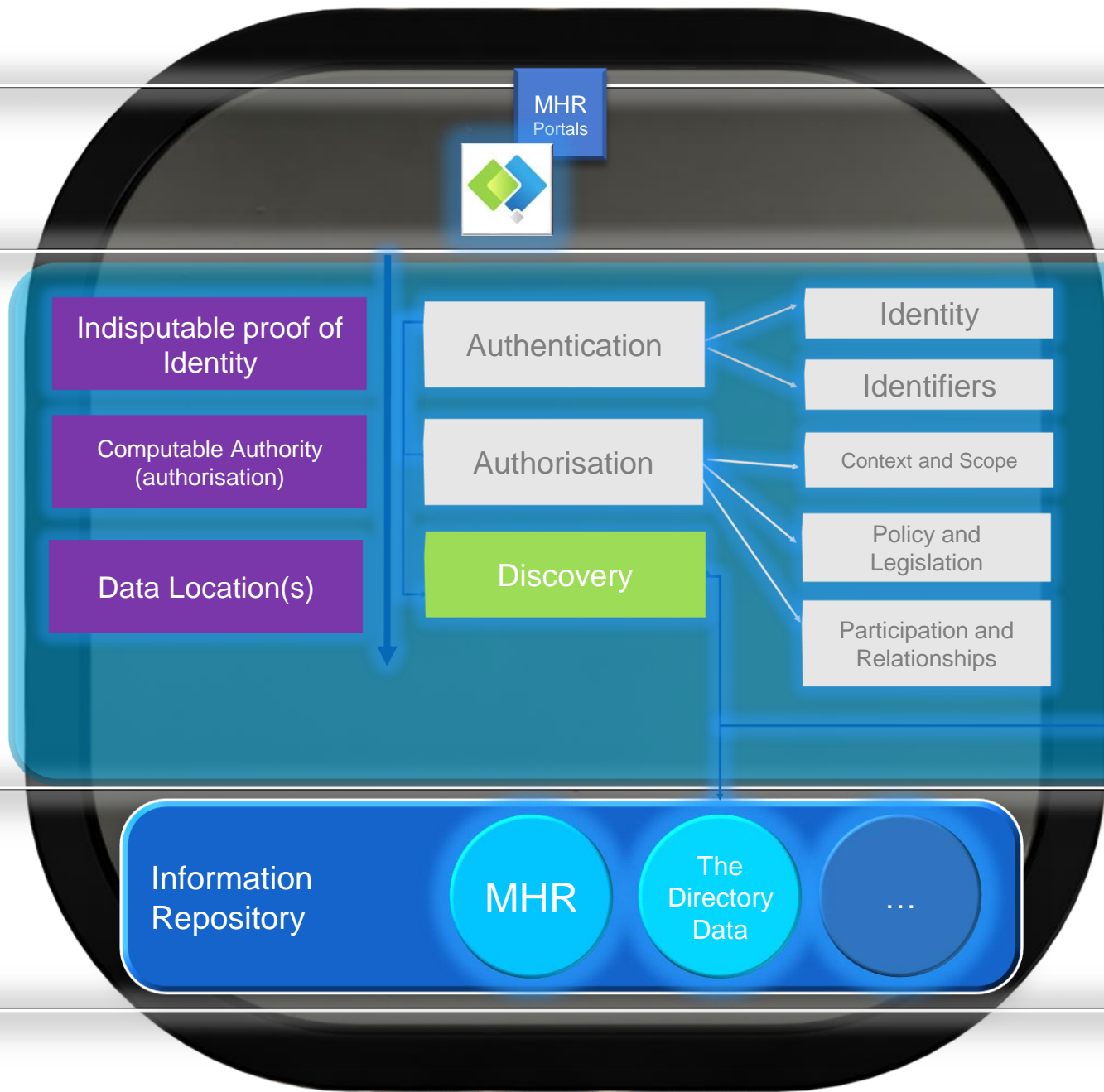
MHR

The
Directory
Data

...

EMR

PACS



Requestors



MHR
Portals



Electronic
Medical
Record
application

Medical
Imaging
application

Indisputable proof of
Identity

Computable Authority
(authorisation)

Data Location(s)

Authentication

Authorisation

Discovery

Audit and history

Identity

Identifiers

Context and Scope

Policy and
Legislation

Participation and
Relationships

Discovered Information Exchange

Information
Repositories

Information
Repository

MHR

The
Directory
Data

...

EMR
data

PACS







The directory

Provider directories

D L P C D



**Care settings
(including disability and aged care)**



**Care settings
(also including Allied Health)**

Diagnostic services



Pharmacies





Public and
population health

Consumer sources



Diagnostic services

Consumer sources

Pharmacies

**We need you to help us
achieve this vision**

Provider directories

Care settings
(also including Allied Health)

Public and
population health



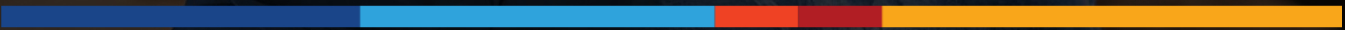
Planning and Delivery



Future Internal Development



Planned Procurements





ADHA APP 2024-25/001

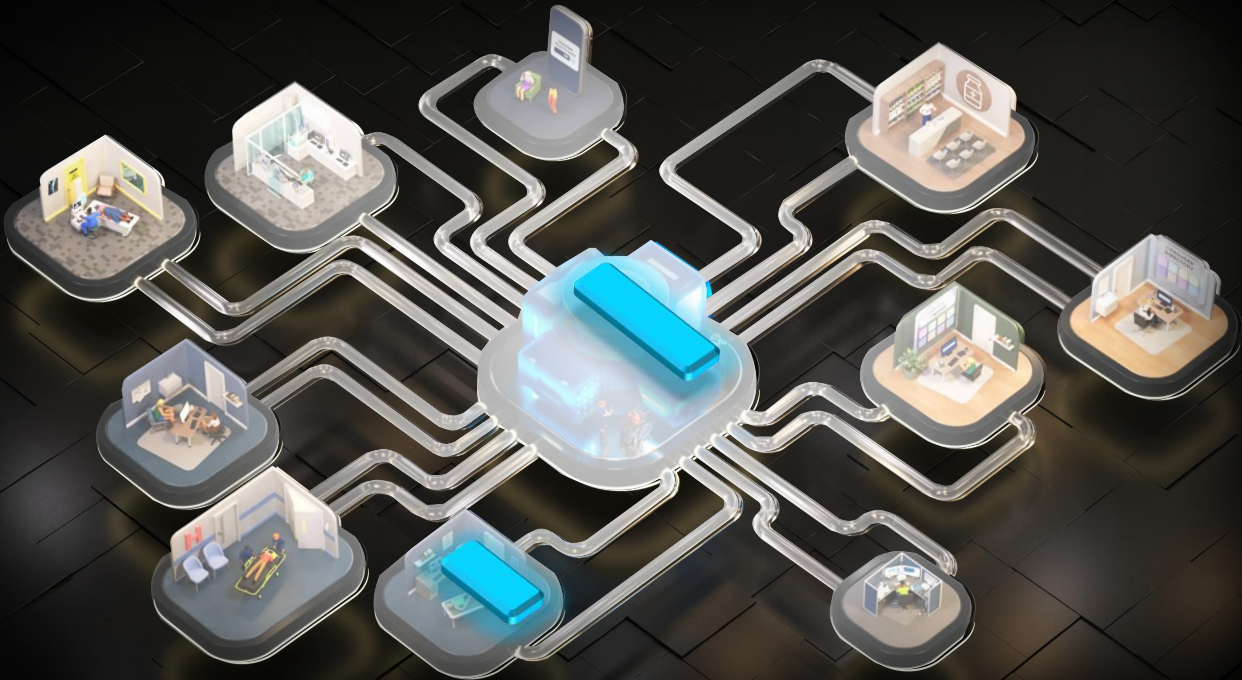
My Health Record (MHR) Fast
Healthcare Interoperability Resources
(FHIR) Server Products and/or
Services

Est. Q1 2024-25

ADHA APP 2024-25/002

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

Est. Q1 2024-25





ADHA APP 2024-25/003

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

Est. Q1 2024-25



ADHA APP 2024-25/004

Operational Management and
Product Enhancement Services
for My Health Record Solution

Est. Q1 2024-25



Open, Transparent and Competitive



Probity and Supplier Code of Conduct



Other Ways to Stay Connected

AUSTENDER: austender.gov.au
WEB: digitalhealth.gov.au
EMAIL: help@digitalhealth.gov.au
PHONE: 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

