Presentation 3
UDI and Australia’s digital health ecosystem from capture to clinical use

Australian Government
Department of Health, Disability and Ageing
Therapeutic Goods Administration

tga.gov.au

Ines Sostaric



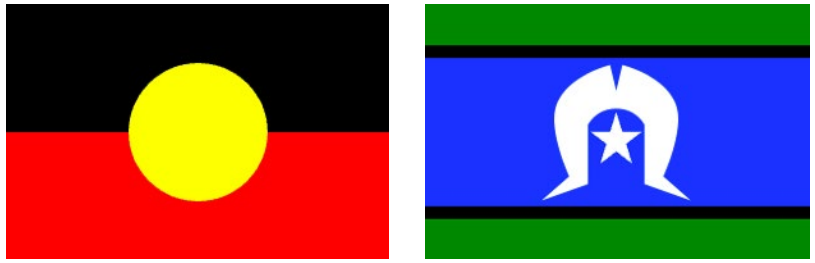
- Branch Manager, Customer Experience and Products at the Australian Digital Health Agency.
- Leads multidisciplinary teams responsible for product management, customer experience, service design and digital product delivery across Australia's national digital health ecosystem.
- Drives the vision, strategy and roadmap for products that enable secure, interoperable and customer-centred digital health services, helping consumers, healthcare providers and industry partners connect with and benefit from Australia's digital health infrastructure.

UDI and Australia's Digital Health Ecosystem: From Capture to Clinical Use

Ines Sostaric, BM Customer Experience and Products, Australian Digital Health Agency

Australian Government
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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.



The Australian Digital Health Agency

The vision, value proposition and key partners for the Australian Digital Health Agency.

OUR VISION

A healthier future for Australians through connected healthcare

OUR VALUE PROPOSITION

Influence national policy development and oversee implementation	**Transform care through interoperability and improved access for all consumers**	**Prioritise investment in connected care systems and digital health capability**

OUR KEY PARTNERS FOR SUCCESS



Governments (Fed/States)
Sustainability of investments and planning



Healthcare Professionals
Digital adoption and new models of care



Consumers
Trust, engagement and access



Researchers
Leading data and evidence-based best practice



Industry and technology vendors
Health software sector and integrating systems



OUR AIMS

- Transform our health systems by connecting clinical with digital to provide coordinated care and data driven solutions
- Change systems and behaviours to improve health outcomes, quality of life and reduce costs/improve sustainability
- Remove barriers to increase uptake of digital health and encourage healthcare innovation

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My Health Record Overview



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Foundations for Connected Care

Modernisation + **Standards & frameworks** + **Interoperability & connectivity** + **Expanded access** x **Policy, governance & legislative levers** = **A healthier future for all Australians through connected healthcare**

Structured, secured data capability
FHIR repository

Standard, conformant language for that data
National standards that describe how to do it right backed with conformance framework and conformance assessments of all software to ensure safe adoption

Secure connected system to transfer that data
Expand use of healthcare identifiers, and National health infrastructure supporting authentication, authorisation, and consumer control

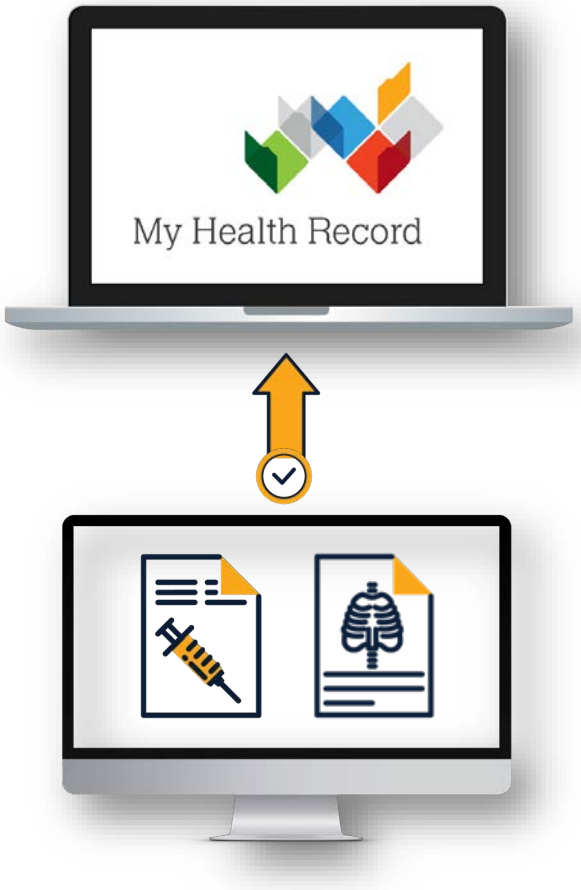
Secure access for the whole care team – health, disability, aged, veterans – to that data
More connections that increase the sharing and use of health information by the broader care team

Policy and legislative reform
My Health Record *- nationally consistent approach to managing access to health information*
Healthcare Identifiers *– the most important capability for supporting interoperability.*
Share by Default *– to drive meaningful information sharing*

Better Access

Sharing information to My Health Record by default

- ✓ **A framework for routine sharing of health information**
  Underpinned by the standards, conformance, and technical capability to make the information accessible and usable
- ✓ **Legislation specifies what must be shared and by whom**
  - Pathology and diagnostic imaging reports (current)
  - Medicines information (future)
  - Chronic Care Management Plans (future)
- ✓ **Tangible benefits through modernised infrastructure**
  - Less duplication, greater efficiency
  - Supports active management of health and wellbeing
  - Enables access to information to improve safety and health outcomes.



Enabling care for Australians through digital health

8.7 billion
documents in **My Health Record**

Over **2.4 billion** documents shared by health professionals and consumers



In the past 12 months*:

Over **526 million D**ocuments shared

Over 42 million uses in episodes of care of documents uploaded by another healthcare provider

Approx. **5.1 million** consumer uses each week

Health information is now **Shared by Default**

Views by Clinicians
Path ↑641% DI ↑847%

Views by Consumers
Path ↑516% DI ↑450%

Since legislation announcement May 2023†

Almost 1.2 million downloads of **1800MEDICARE**

Approx. 22,000 app daily users§



Care teams are registered with My Health Record

99% of GPs, pharmacies

97% public hospitals

76% of specialists (up 35% in last 3 years)

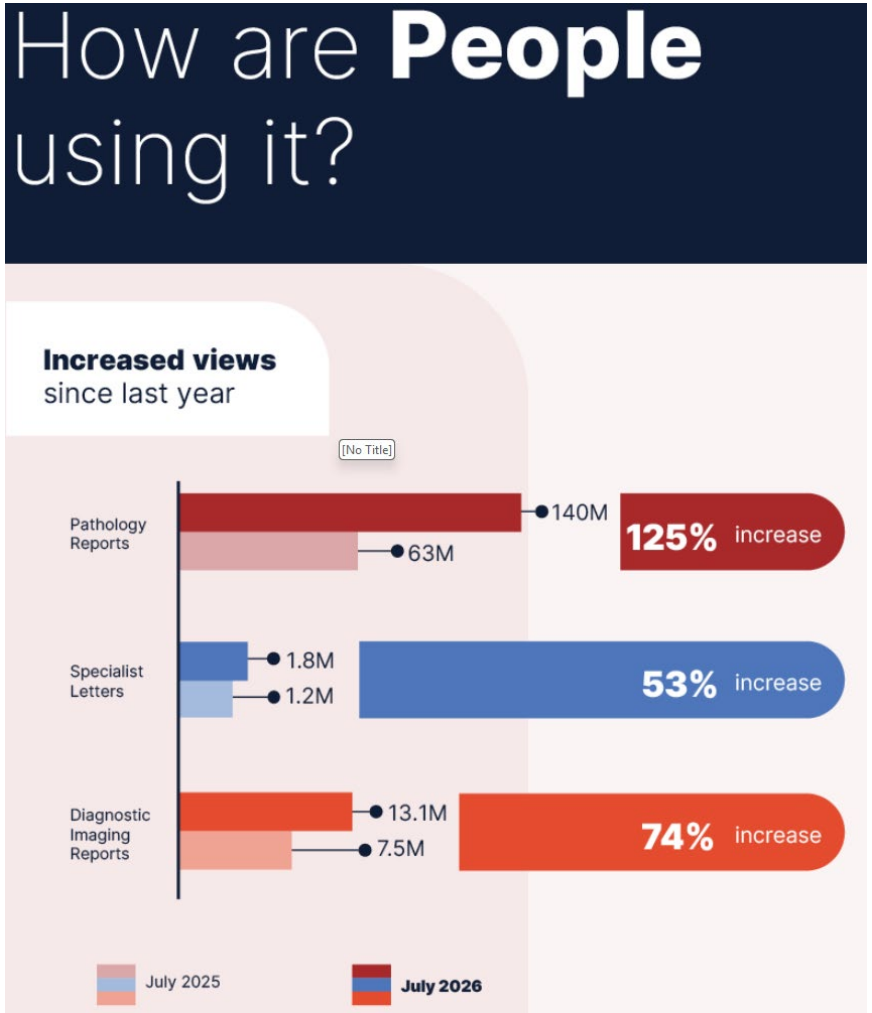
57% of aged care (up 35% in last 3 years)

14% of allied health (work commenced to connect)

*to 31/7/2026
†37/5/2023 (week) compared to 31/7/26 (week)
§Average daily users in 7-day period 12/8/26 - 18/8/26
Uses = views and/or uploads

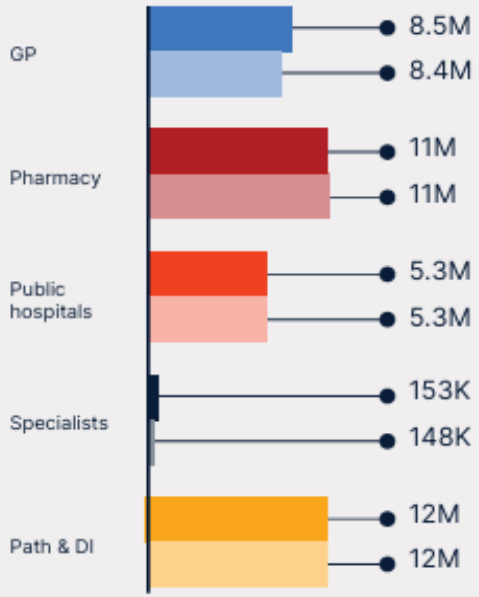
Consumers are relying on My Health Record to access their key health information



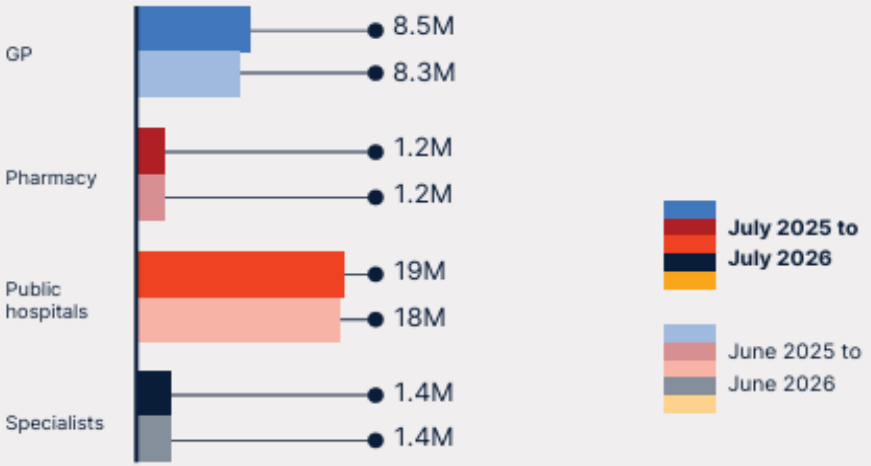


How are **Healthcare providers** using these documents?

Healthcare providers **uploaded** documents that were **looked at by other** healthcare provider organisations

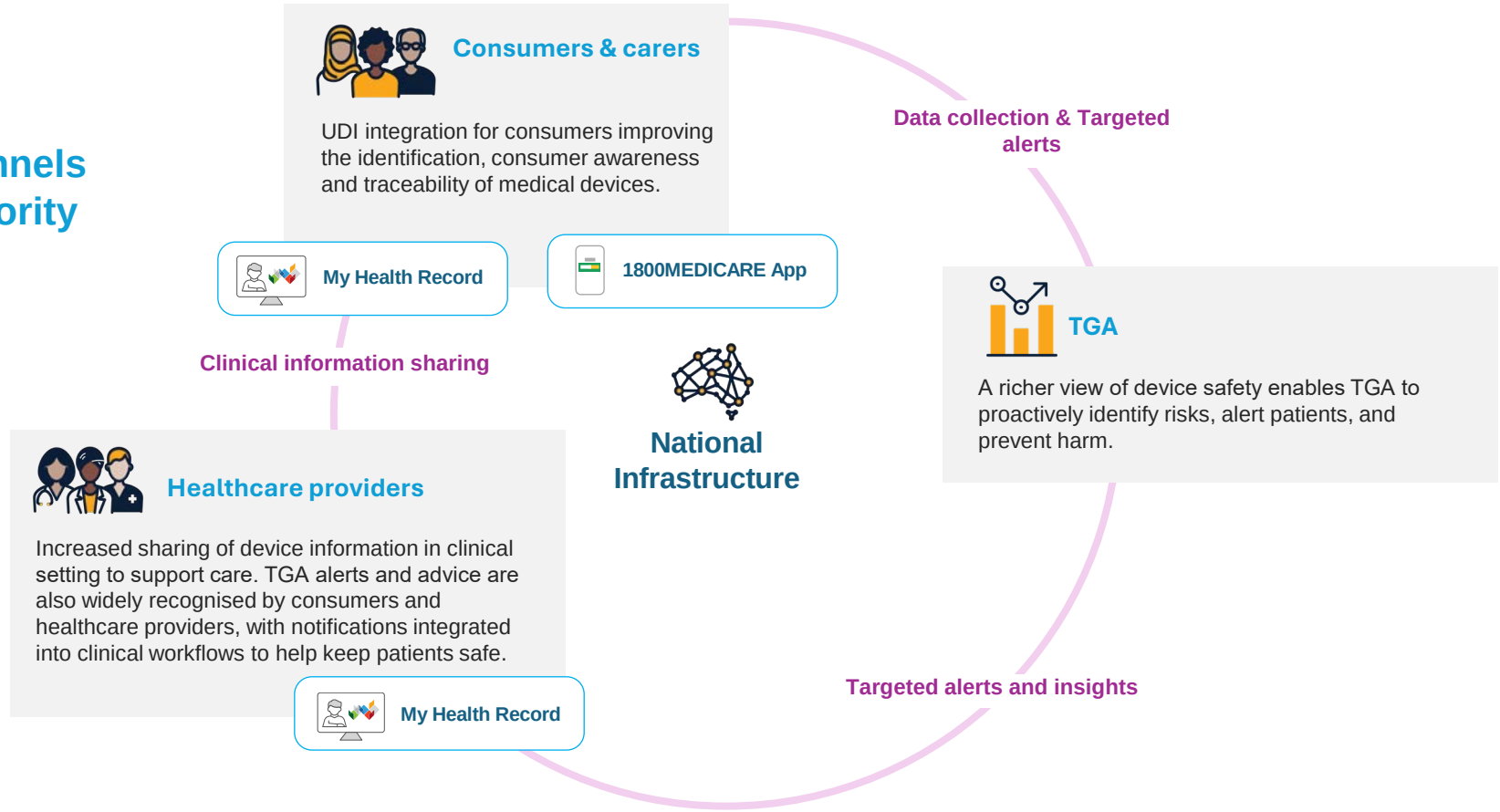


Healthcare providers **looked at** documents that were **uploaded by other** healthcare provider organisations



My Health Record & Unique Device Identifiers

Enabling an integrated and connected ecosystem of data capture, tracking, insights and alerts, leveraging multiple channels to ensure coverage for the majority of Australians



MHR & UDI Value use-cases

A patient's medical device is registered and linked to a patients My Health Record



MHR and UDI integration allows patients and clinicians to easily link device information to their My Health Record using data from implant cards, medical device purchases, or facilitated by hospital systems.

Value

Ensuring the right device can be identified, monitored, and acted upon throughout its lifecycle to improve patient safety and care.

Technology Enablers

- My Health Record
- 1800MEDICARE App
- UDI System/Implant Card

Medical providers and consumers viewing medical devices



Medical providers ability to view data from the UDI system related to a patients' medical devices in clinical scenarios. Providing valuable context, in an emergency, when a patient cannot communicate, have changed GPs.

Value

Visibility of linked medical devices at the point of care enables safer and more informed care.

Technology Enablers

- My Health Record
- 1800MEDICARE App
- UDI System

Informing patients and clinicians about recalls



MHR integration with the UDI system improves patient safety through timely, personalised recall notifications for patients and clinicians linked to affected medical devices.

Value

National device recall notifications enable timely action by patients and clinicians, reducing harm and improving patient safety.

Technology Enablers

- UDI System
- 1800MEDICARE App
- My Health Record
- TGA

Supporting Adverse Events for linked devices



Enabling patients to report adverse events for linked medical devices directly through My Health Record.

Value

Capturing real-world adverse events enables faster identification and management of device safety risks.

Technology Enablers

- 1800MEDICARE App
- My Health Record
- TGA
- UDI System

Provide Data and Analytics



Ability to track and identify devices in use by MHR consumers. This will inform broad range of stakeholders including Hospitals, Clinicians, Researchers, Department of Health, Disability and Ageing.

Value

Visibility of devices in use across the population supports improved safety monitoring, healthcare planning, and research.

Technology Enablers

- My Health Record
- TGA

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Thank you.

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