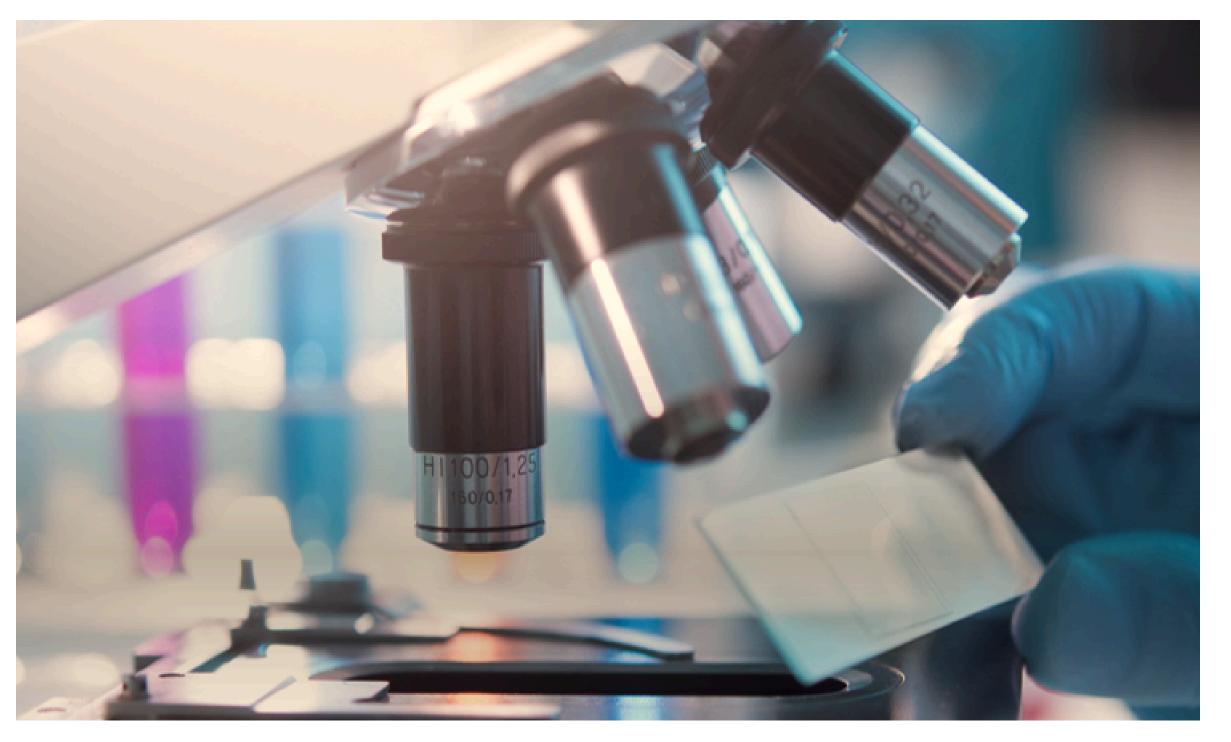
Revolutionising LIMS: Integrating NSW Health Pathology 66 Labs with a Unified Lab Information Management System



Australian Healthcare Week 19/20 March 2025

Presenter: Juliana Iles-Mann, Program Director, NSW Health Pathology





NSW Health Pathology



Acknowledgement of Country

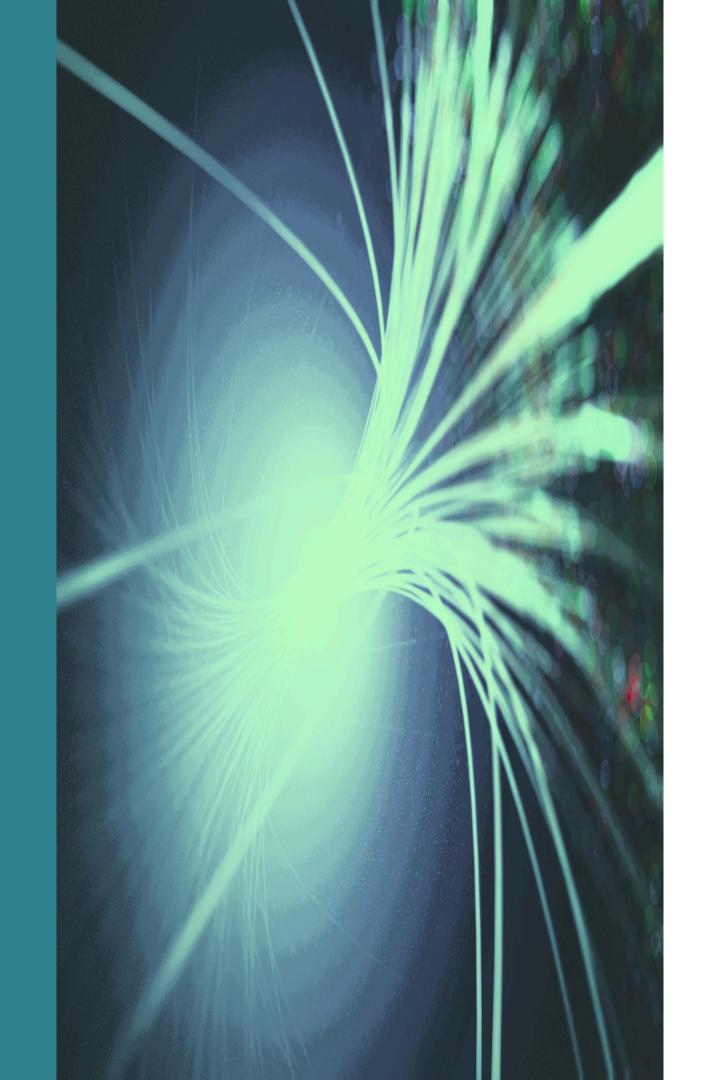
NSW Health Pathology acknowledges Aboriginal and Torres Strait Islander peoples of New South Wales and their special place as Traditional Custodians of this land.

Through their sacred cultures and customs, they have nurtured and cared for this land for thousands of years and continue to do so today. We would like to pay our respects to the Elders past, present and emerging, for they hold the memories, the traditions, the cultures and hopes of Aboriginal and Torres Strait Islander peoples across the state.

This artwork was created by Aboriginal artist, Elsie Randall, a proud Yagel/Bundjalung woman from Maclean and Yamba on the NSW Far North Coast.

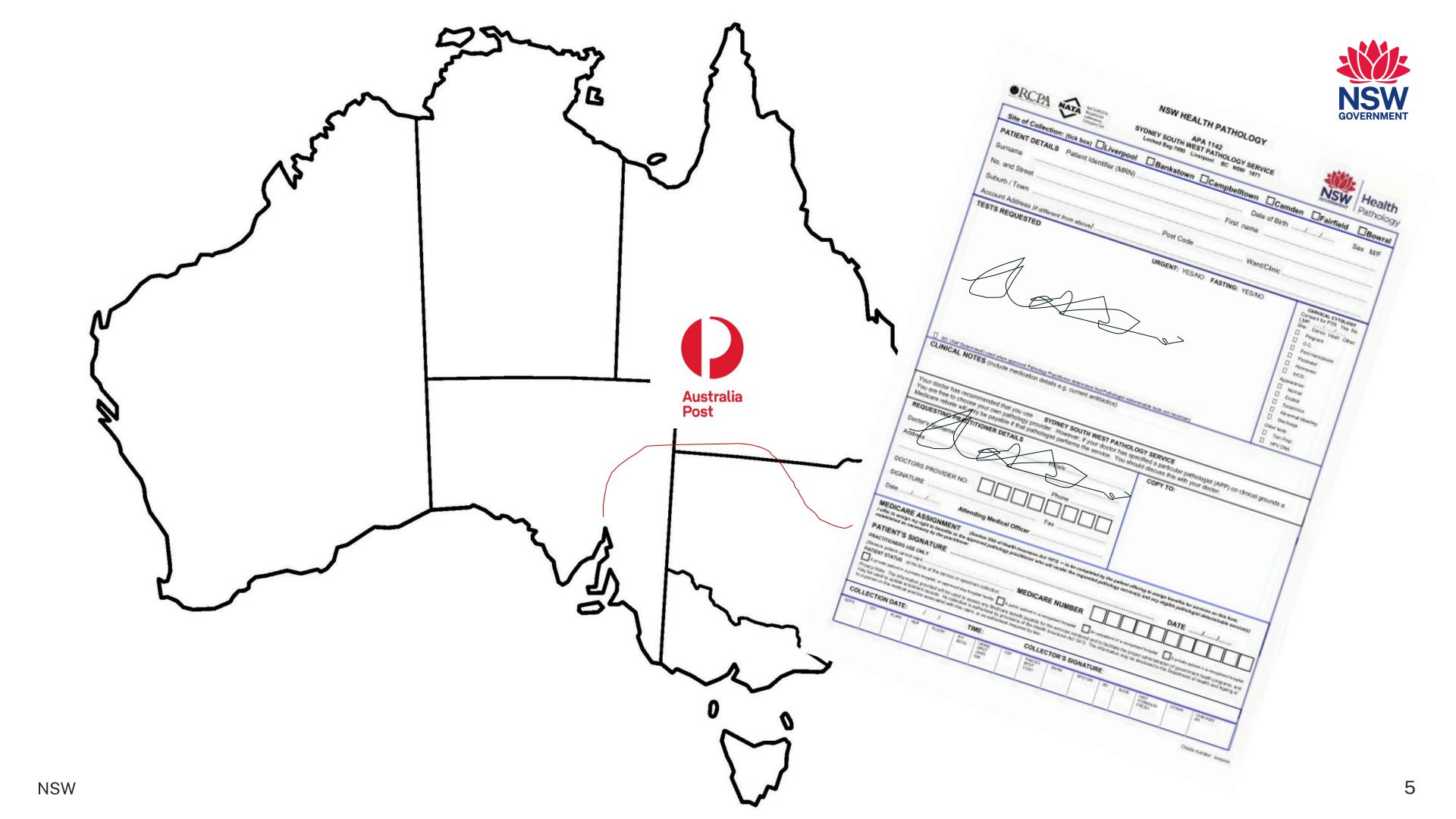
NSW Health Pathology

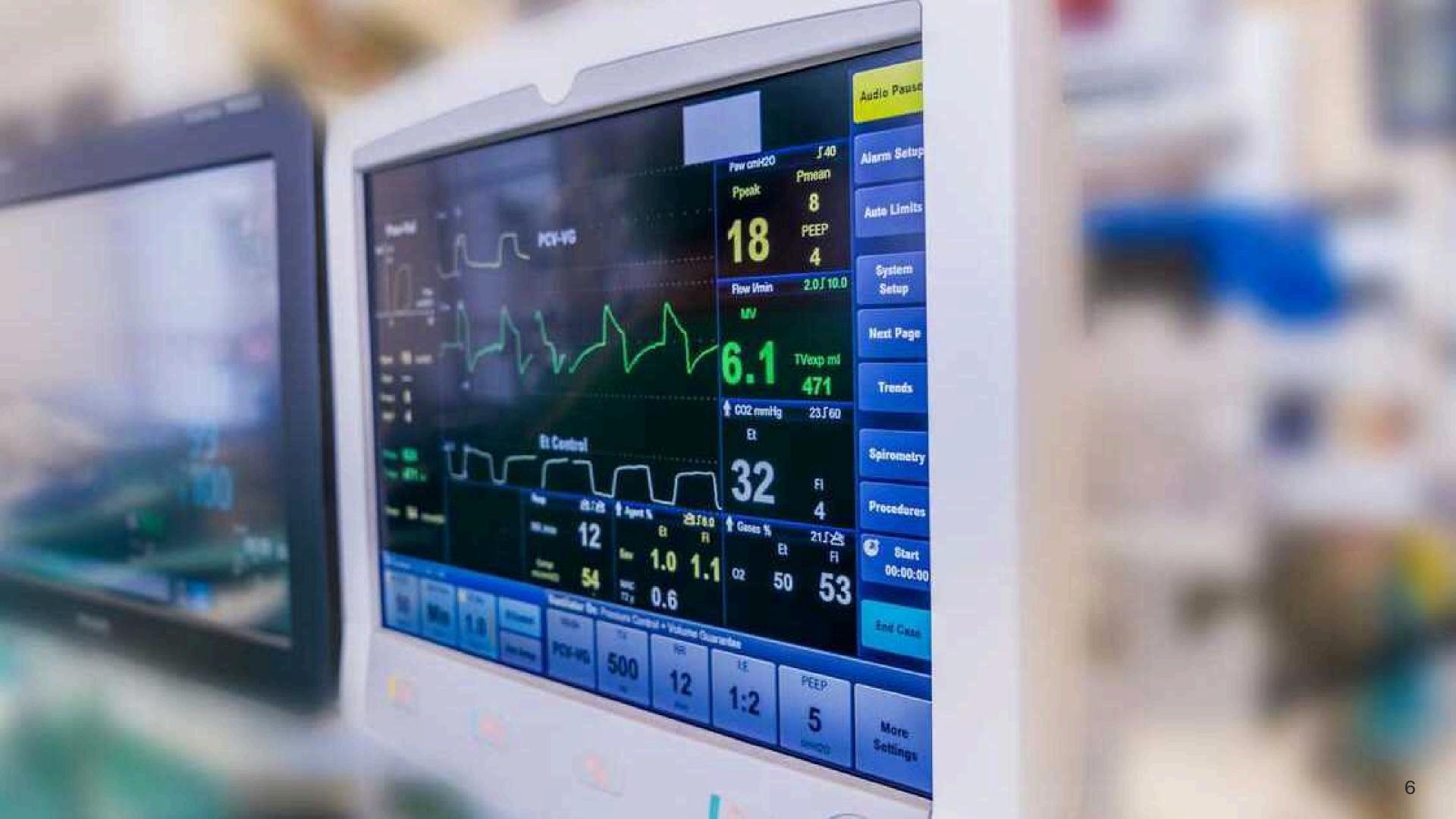
Start with "why"	1
The current landscape	2
Doing things differently	3
Alignment with the national digital health strategy	4
Getting ready for change	5





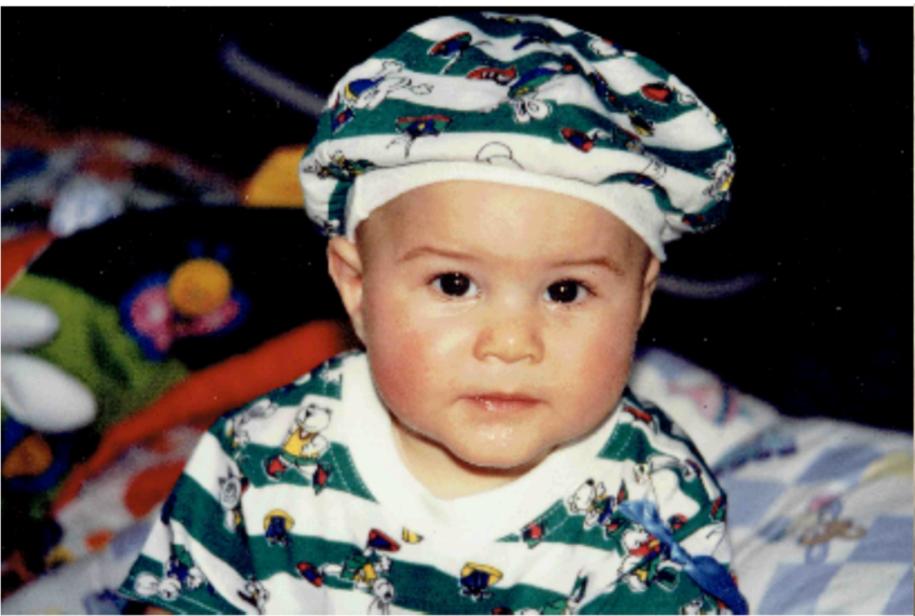
Start with "WHY"





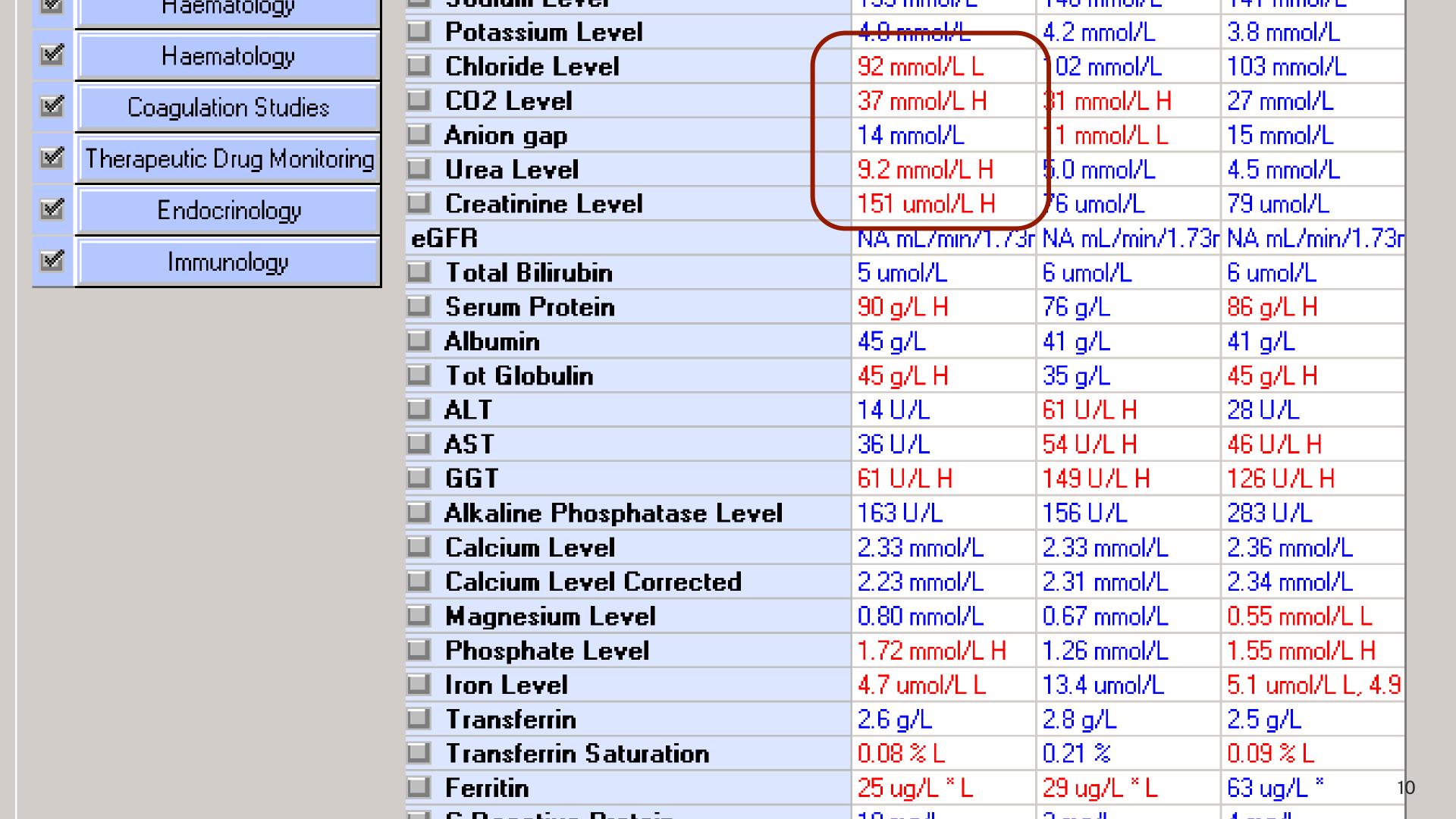














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Harry before septic shock

Harry after septic shock





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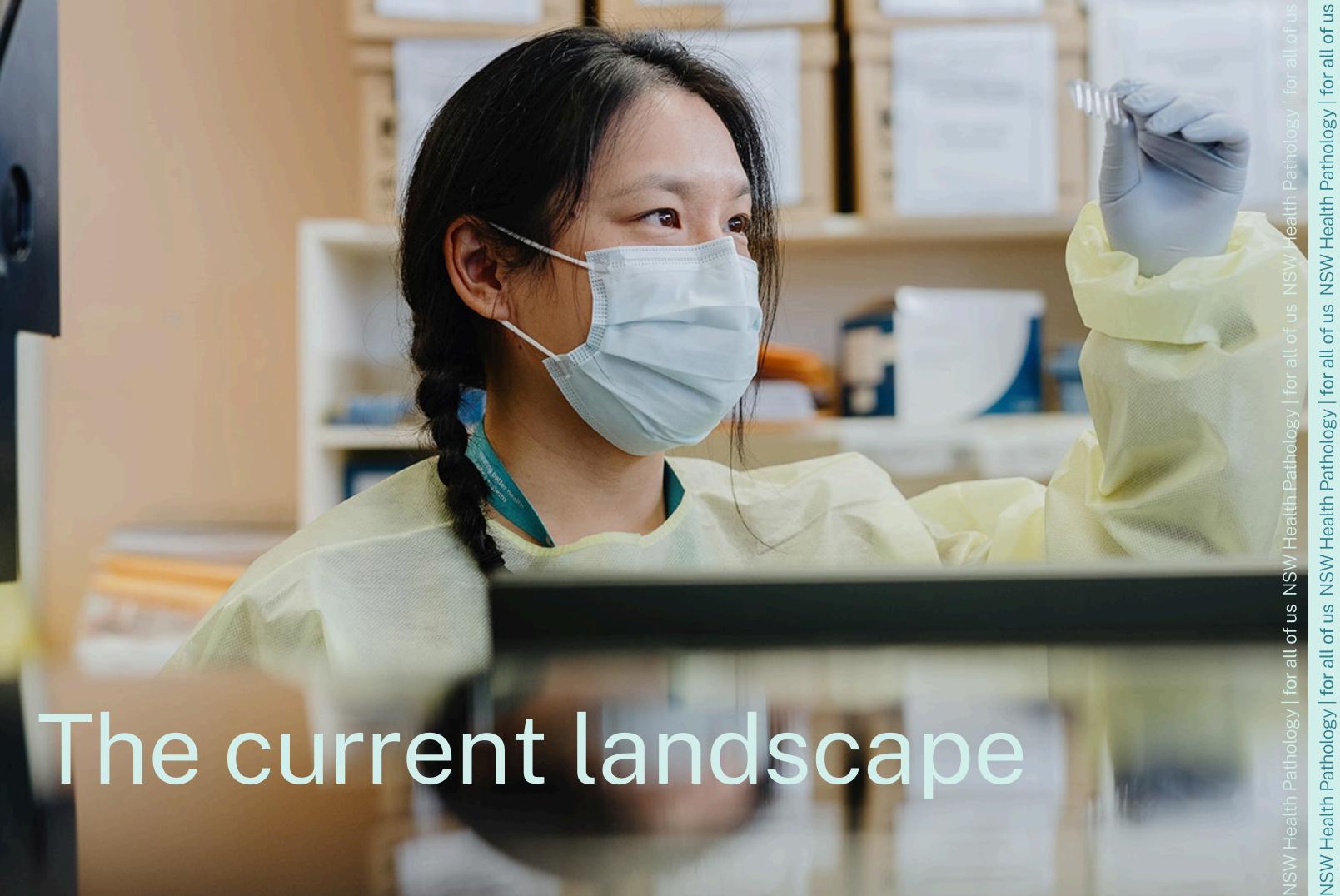
Place



Time

Knowledge

System

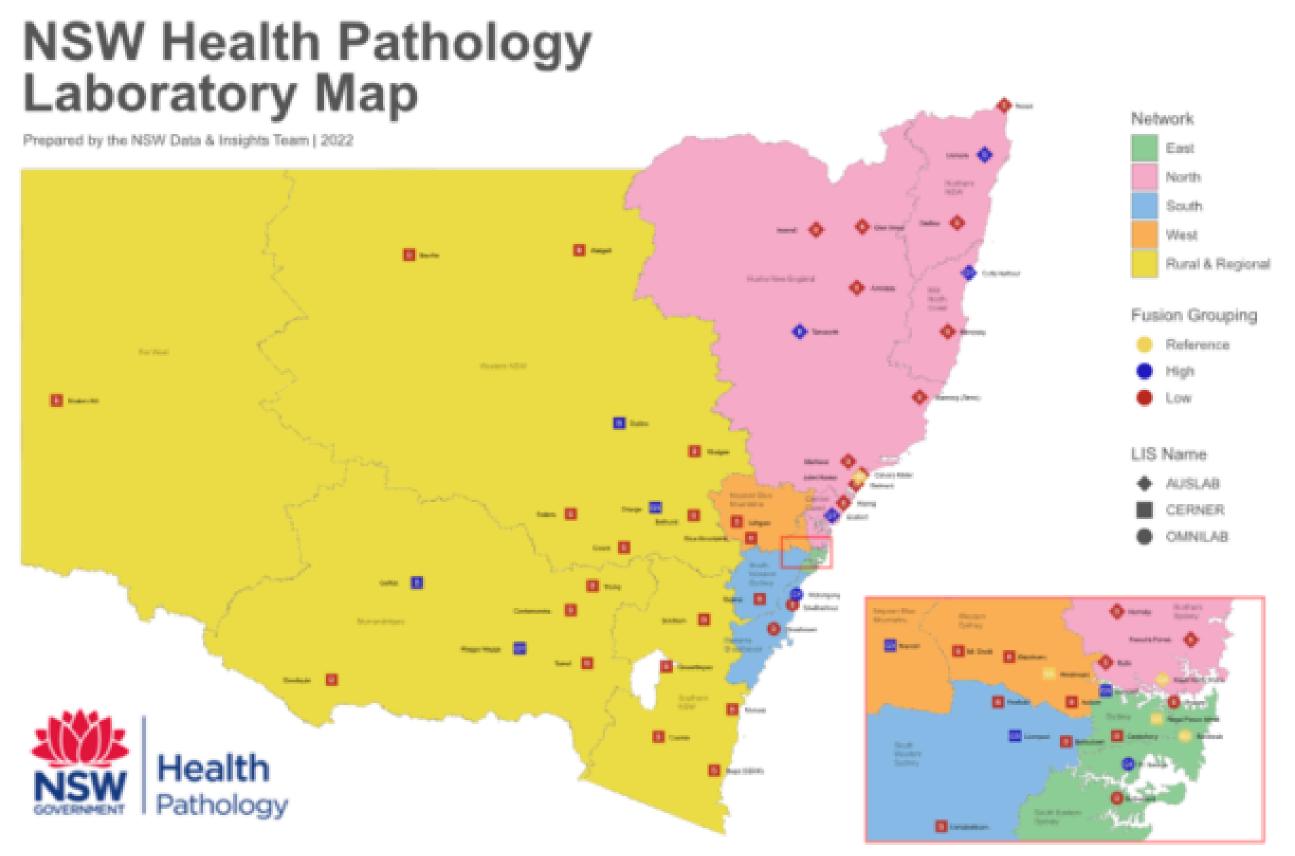






NSWHP Current technology landscape





>5,500 staff

>100,000 tests/day

66 labs +

+150 collection centres

220 hospitals (>20,000 beds)

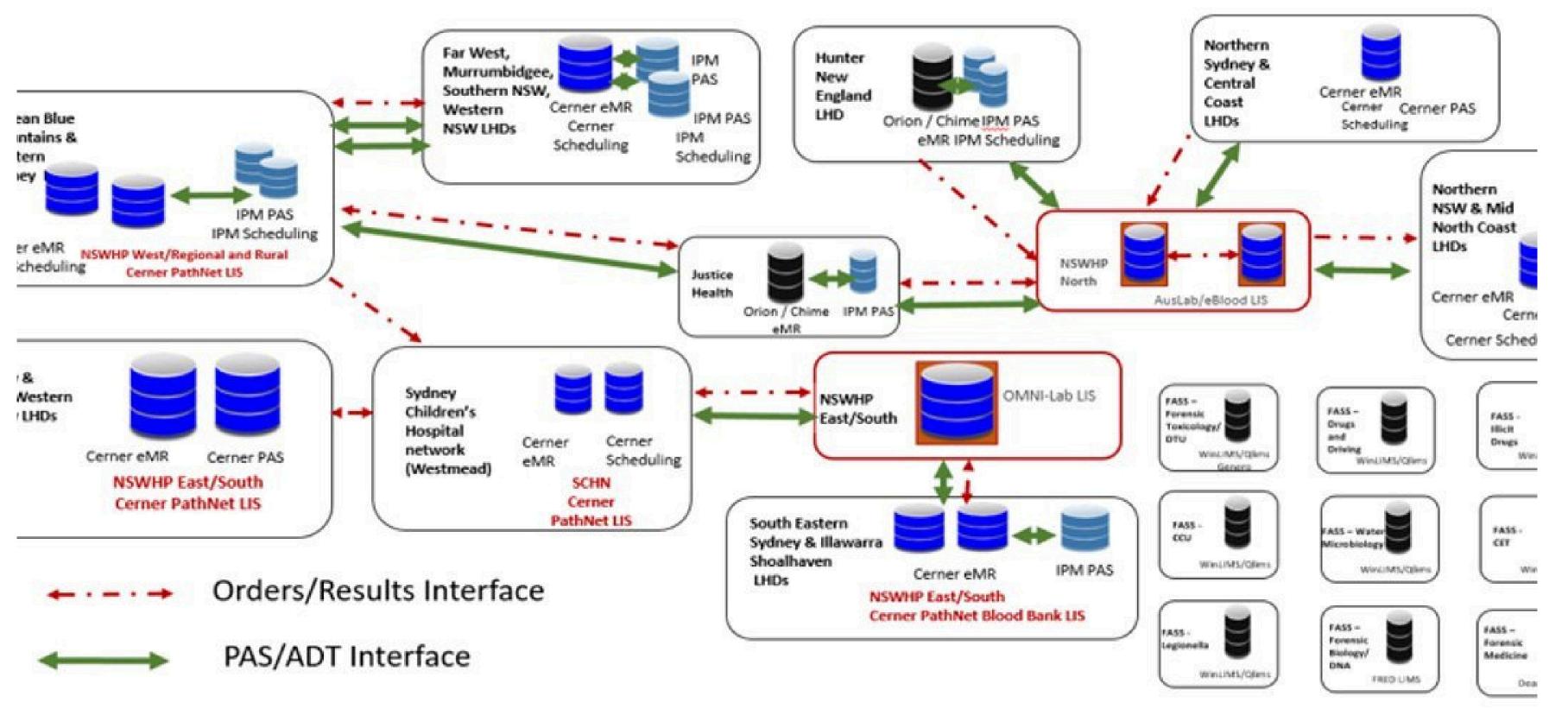
>1,200 Instrument interfaces

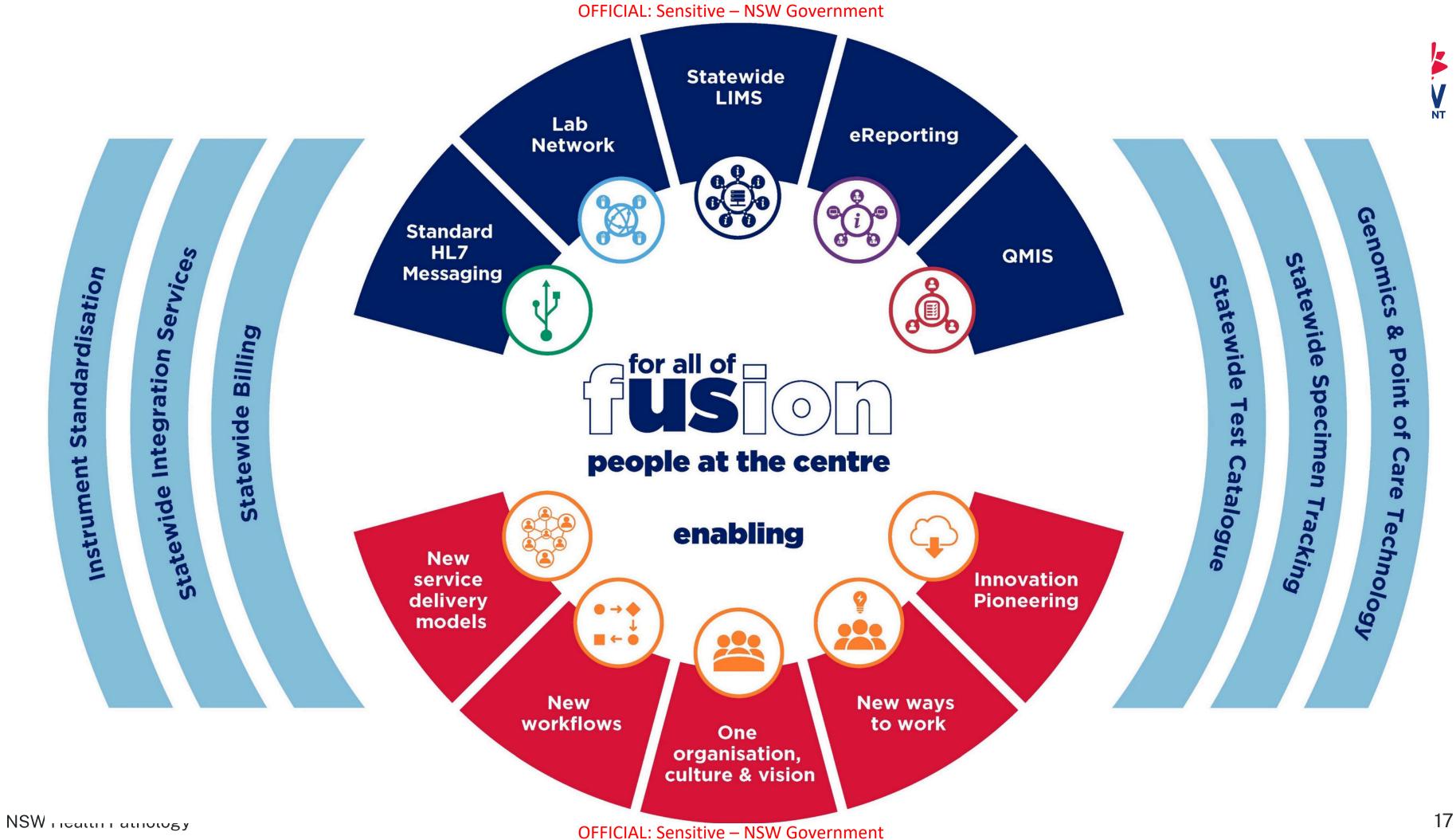


OFFICIAL: Sensitive - NSW Government

NSWHP Current technology landscape

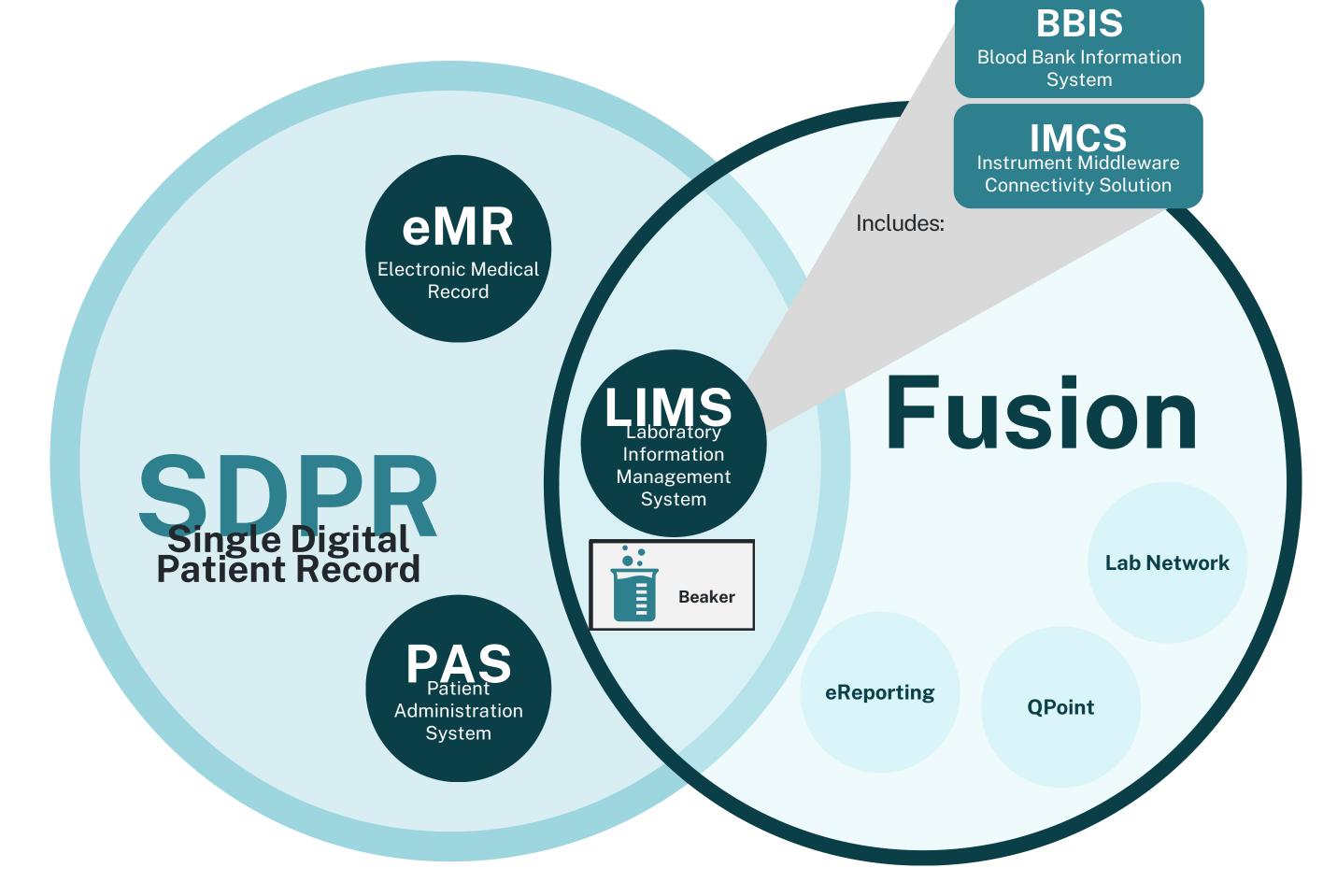






We're part of something bigger





Doing things differently



Laboratory Information Management System

Approach





Strong governance

- Clear decision making and escalation pathways
- Connection points to the business
- Flexibility and adaptability in the governance model
- Focus on change management and training



Defining the scale

- Identifying requisite activity
- Consider the ecosystem
- Understanding the current environment
- Making profound and significant case of change
- Learn from the past



Building from within

- 95% of SMEs and Analysts are from the business
- Credibility and trust
- Resource plan in place
- Focus on leadership aspects change, comms, training and program management



Clinical and scientific leadership

- Established positions early in the program
- Commitment to system design to meet NSWHP needs
- Focus on equitable access and safe, quality care for patients

Laboratory Information Management System

What's different?



Learn from the past



Its cultural transformation



Engage broadly



Invest in our people



Build the future Operating Model



Commitment from the business



Alignment to the Outcomes

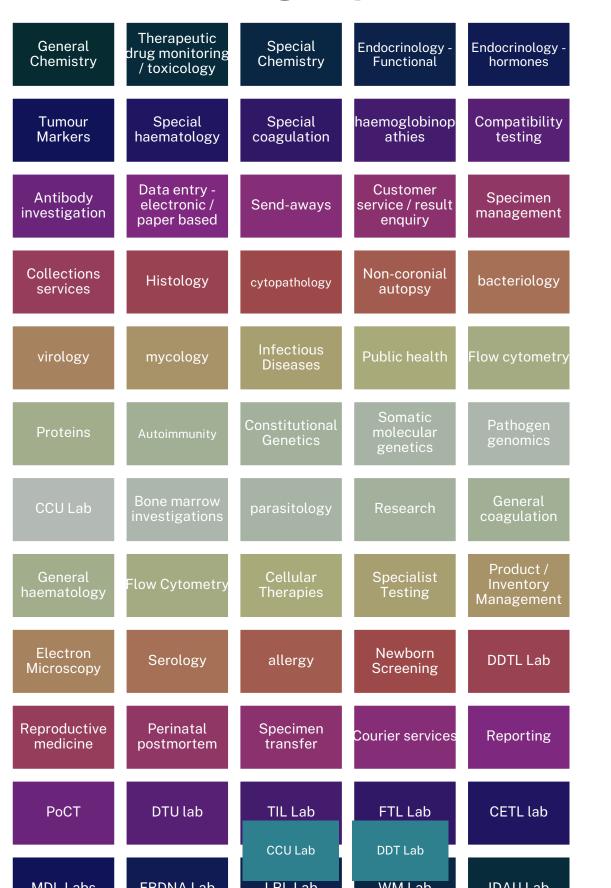


Embed quality into the program



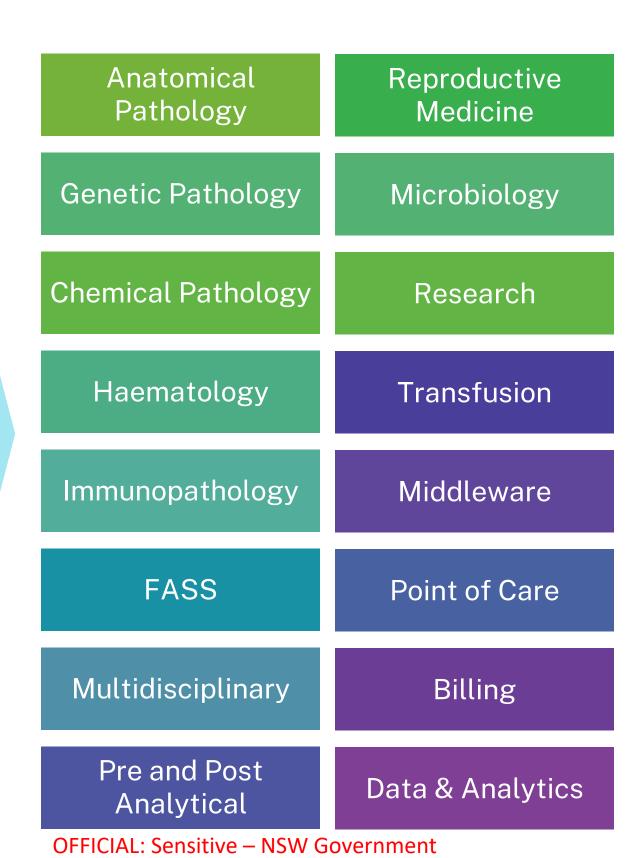
Our journey to Working Groups

CoP Subgroups



CoP Advisory Groups

(incl Clinical Stream Lead)





SDPR Working Groups

Anatomical Pathology WG

Clinical Pathology Specialty WG

Clinical Pathology Multidisciplinary WG

Molecular and Microbiology WG

Pathology Council

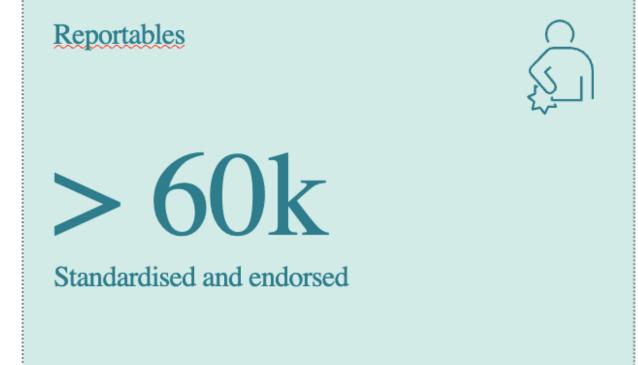
Communities of Practice

Communities of Fractice



Outcomes









A different implementation model

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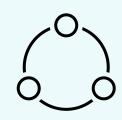
A new approach

Build Approach



All at once

Implementation Approach



Big bang

Resourcing Model

d with people operating system

Training Certification reg'd

Implementation Schedule



Multiple LHDs 5 Tranches

Transition to Operations

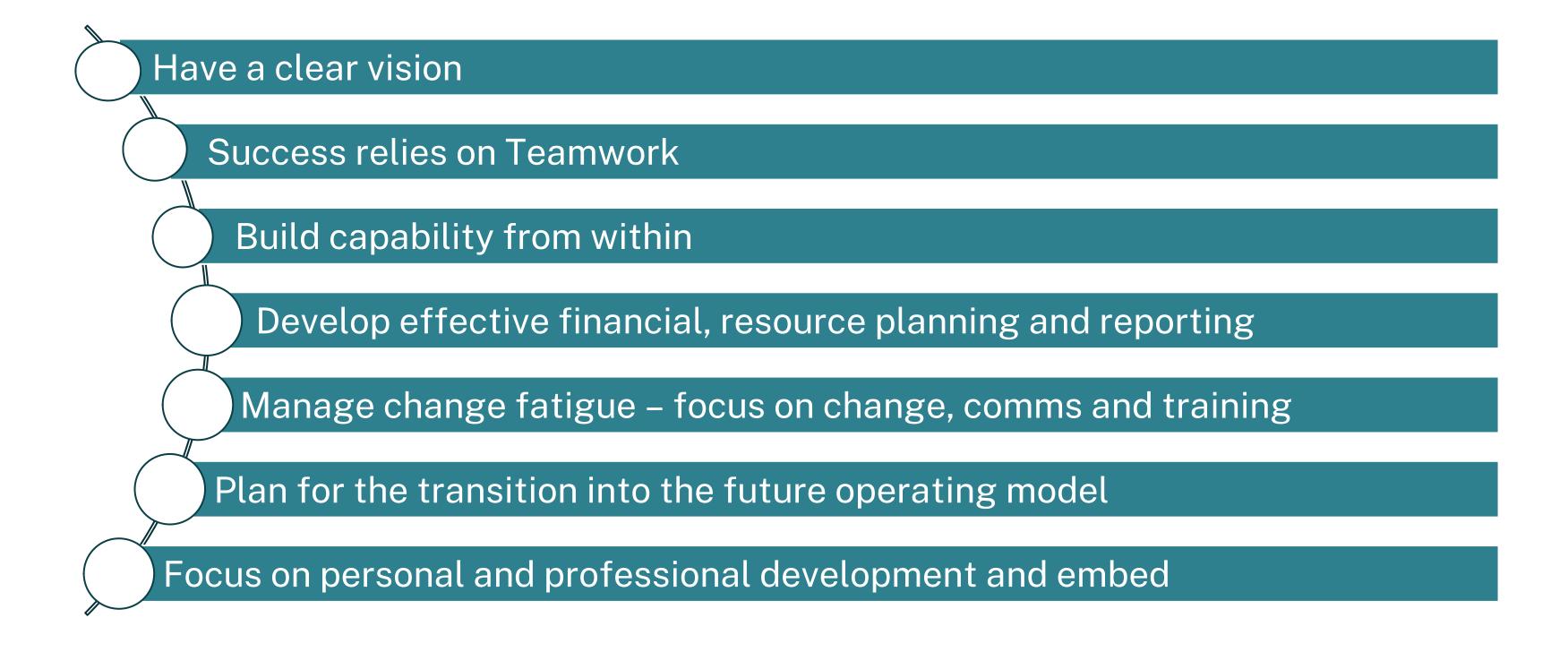




Lessons Learned so far



We still have a long way to go....



Alignment with the National Digital Health Strategy

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How does it align with the National Digital health Strategy?





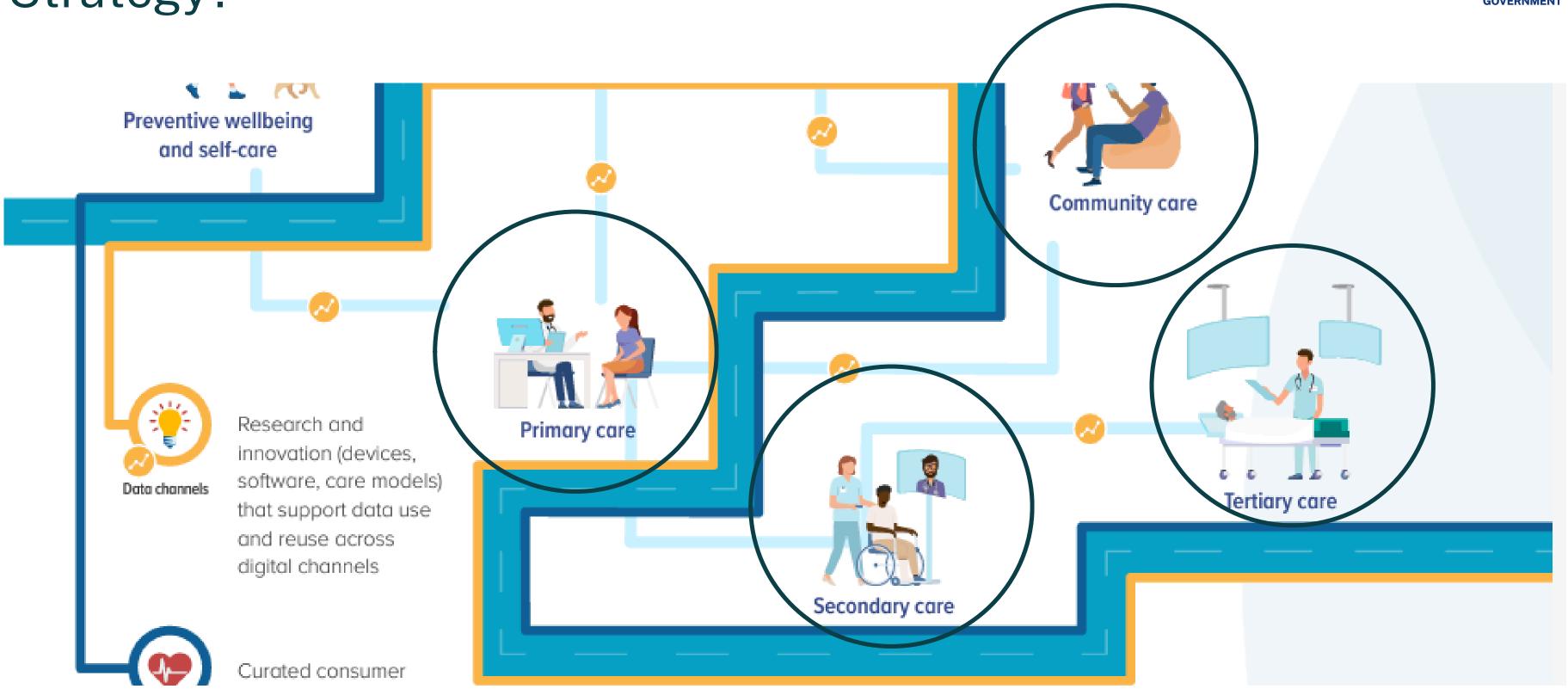






How does it align with the National Digital health Strategy?





How does it align with the National Digital health Strategy?



HEALTH LEGISLATION AMENDMENT (MODERNISING MY HEALTH RECORD- SHARING BY DEFAULT) BILL 2024

OUTLINE

The purpose of the Health Legislation Amendment (Modernising My Health Record - Sharing by Default) Bill 2024 (the Bill) is to establish a legislative framework for requiring key health information to be shared with the My Health Record system, subject to exceptions.

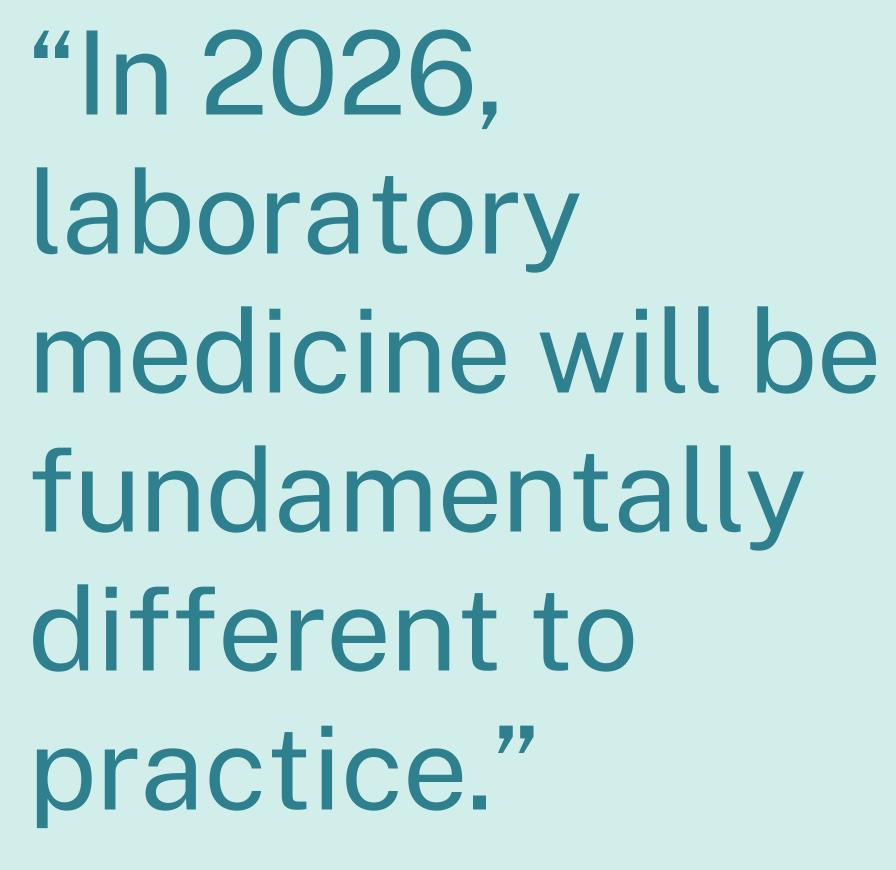
The Bill has been developed in response to recommendations in the Strengthening Medicare Taskforce Report released in 2022. The report highlighted that access to real time health information is a critical foundation for a modern and connected healthcare system. To support this objective, the Taskforce recommended that key health information should be required to be *shared by default* – rather than by exception – to a healthcare recipient's My Health Record.

Under the framework, constitutional corporations providing health services will be required to register with My Health Record and to upload health information to healthcare recipients' My Health Records.

In addition, Medicare benefits for specific health services will be conditional upon upload of information about those health services.

Getting ready for change

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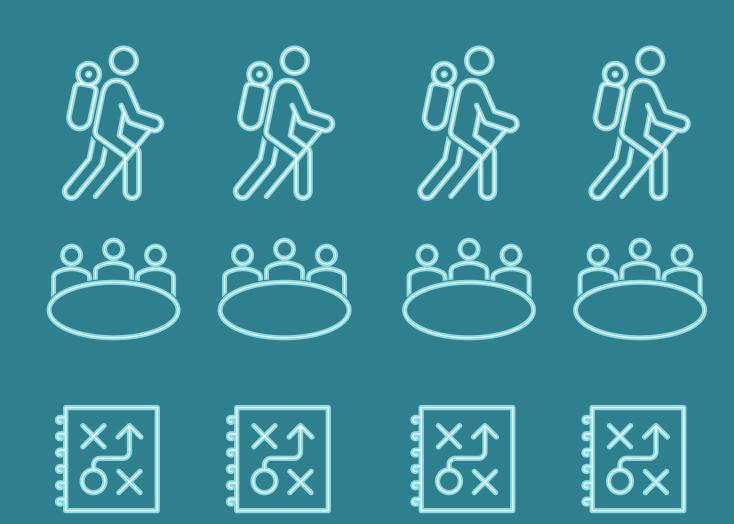


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by John J. O'Leary - Professor/Chair of Pathology, Trinity College



So, how do we navigate this change and get ourselves ready?



Investment and a clear strategy to transform

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Australian Government I National Digital Health Strategy 2023 -28

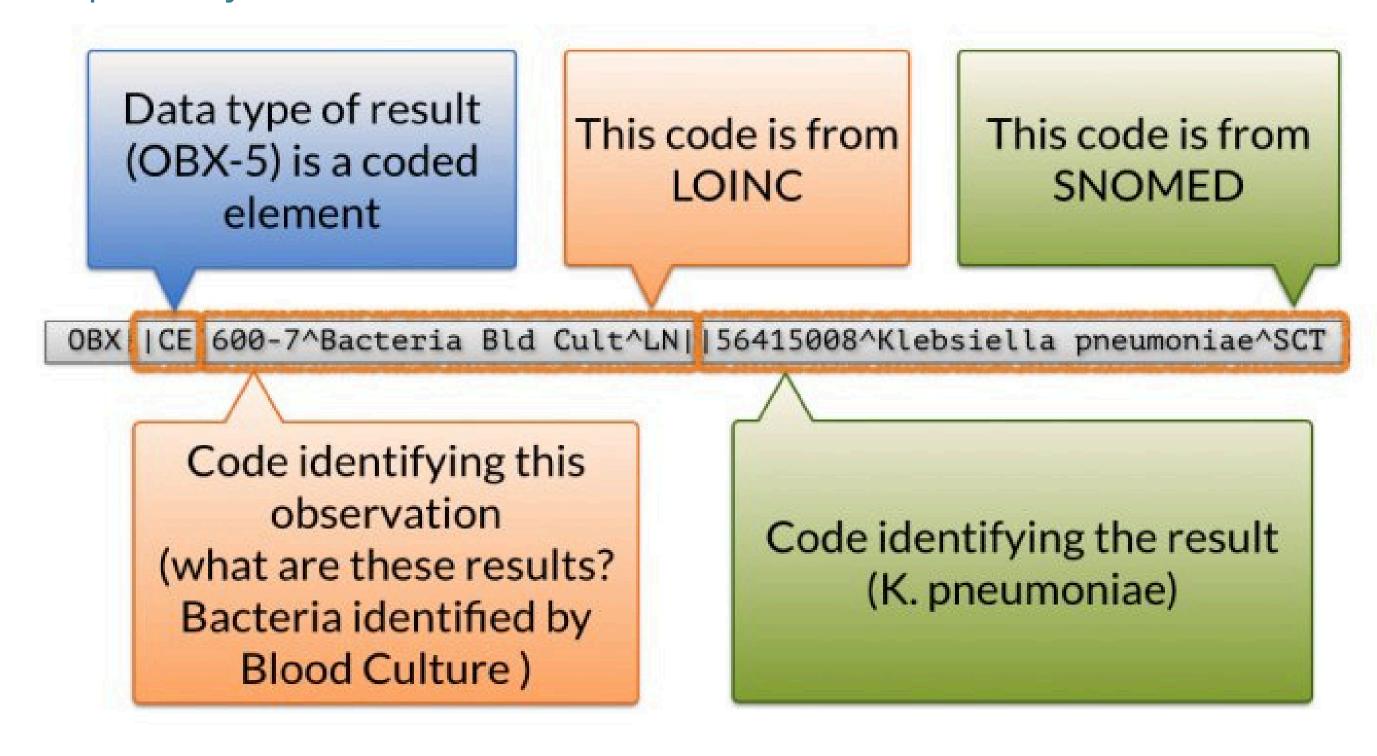




Standardisation and sharing data

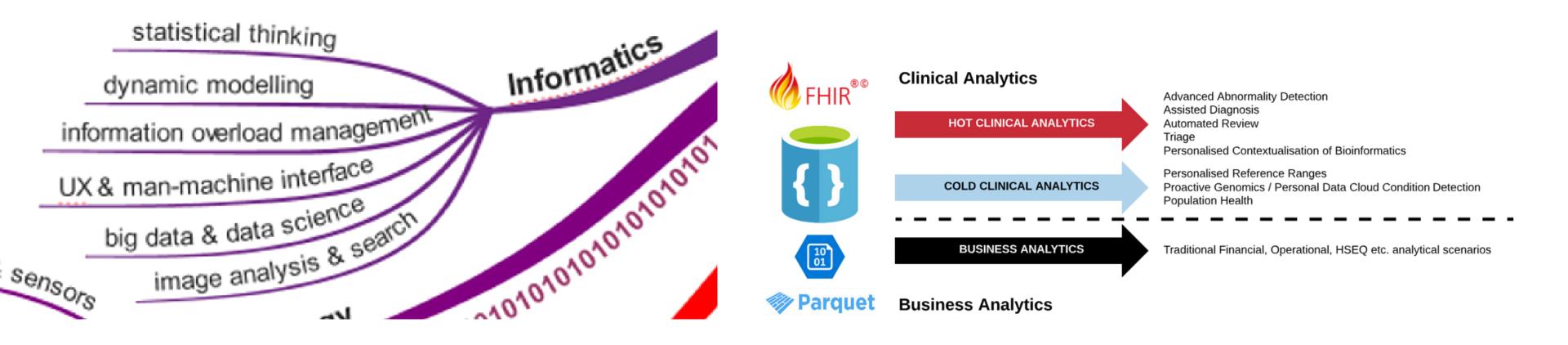


Supporting interoperability



New skills and education





Acknowledgement – Michael Legg and Associates

Acknowledgement - Tim Eckersley, NSW Health Pathology

How leaders will support the adoption and integration of the LIMS





Empower staff

Release and empower staff to challenge the way we work as they help design the future State system

Help break down the barriers and work together



Be involved

What we implement in the first Tranche is what will be delivered across the State.

It's important that everyone participates in the decision making about the State configuration.



Be champions and sponsors

Advocate the benefits, be prepared to answer the questions and direct opportunities and challenges

Our leaders are asked to 'Express. Model and Reinforce' as sponsors of this digital transformation





What excites me most?



Patients first

Access to consistent, safe care across the State



Rethink, reshape

More connected, personalised care, no boundaries



Innovate

Lay the foundations to support innovation and technology adoption



"THINK differently......

DO differently."

Thank you.



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