

A decorative graphic consisting of two overlapping pink circles on the left side of the slide.

Composite AI & Models for Modernising Government Services



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Who is WorkingMouse?

**Proven
modernisation
& optimisation
of government
services**

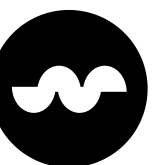
- 2023 Buy QLD Finalist...
 - **'Putting Queenslanders First'**
 - 45 highly skilled locally developed team members across 6 cross-functional software teams
 - First Nations Scholarship with UQ
 - ecoBiz Sustainability Assessed
- **ISO 27001** Certified
- QGov ICT 13.3B **panel member**



Composite AI

**We must hit the
edit button &
ensure accuracy**

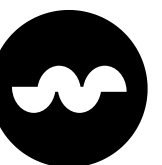
- Approach to solve business problems by combining multiple analytical techniques
- ORG can create own pipeline of analytical methods according to their business problems
- Some techniques, like ML used for LLMs like ChatGPT, have an error rate
- How can we use **composite AI** for **modernisation** projects?



Modernising Legacy

**Empowered
software teams
augmented
with AI & the
best tools**

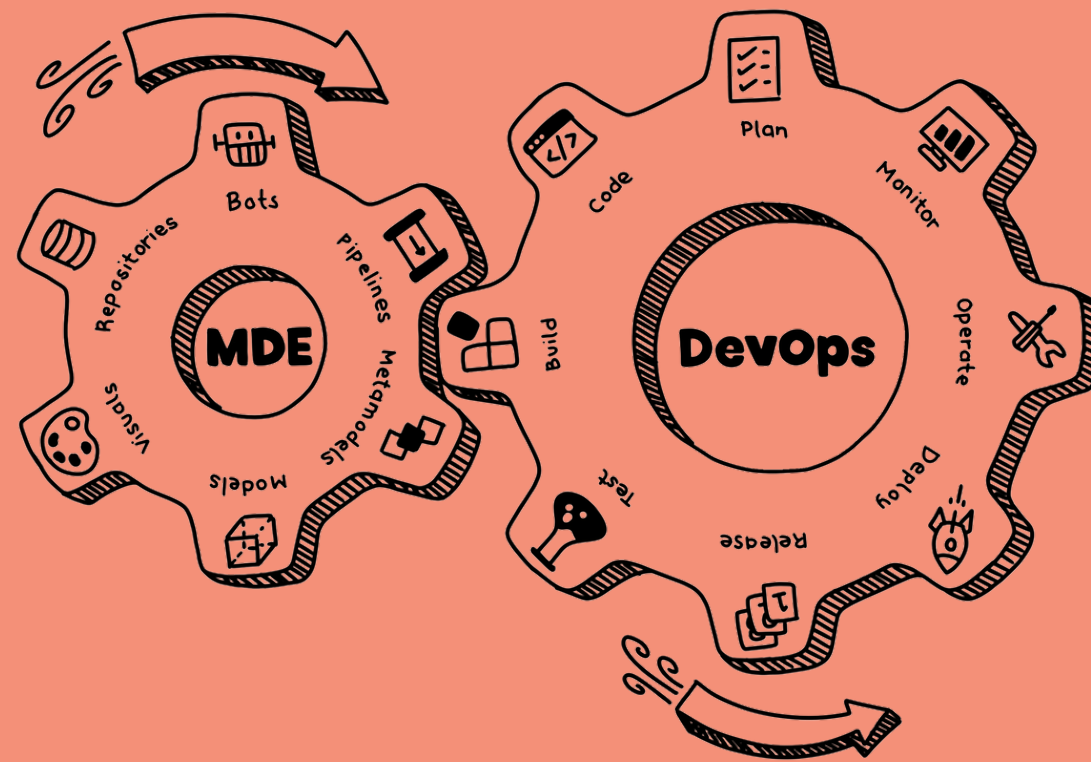
- Coding with CoPilot
- Optimisation problems
- Platform engineering & golden paths
- Team topologies
- Shared understanding using models



Jidoka

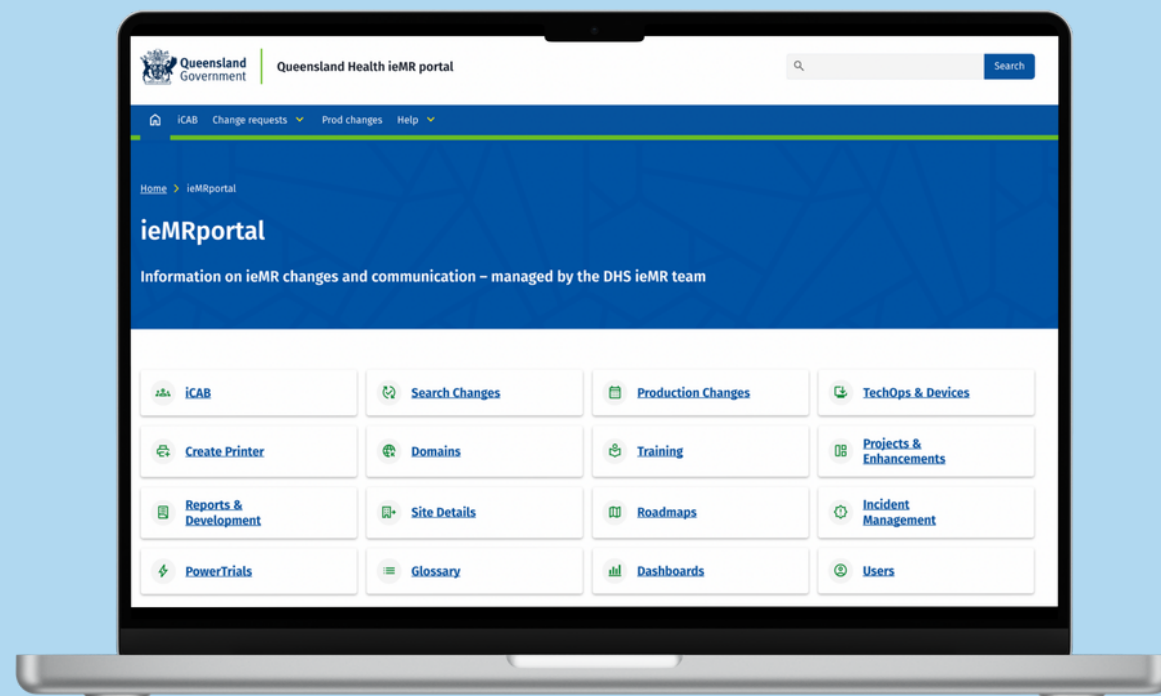
Automation with a Human Touch

- For **DevOps**, pipelines are the enabler that breaks down the walls between development and operations
- For **Model-Driven Engineering (MDE)**, models are the enabler that builds bridges across the organisation and systems

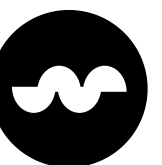


eHealth Project

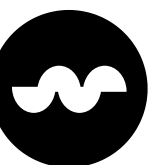
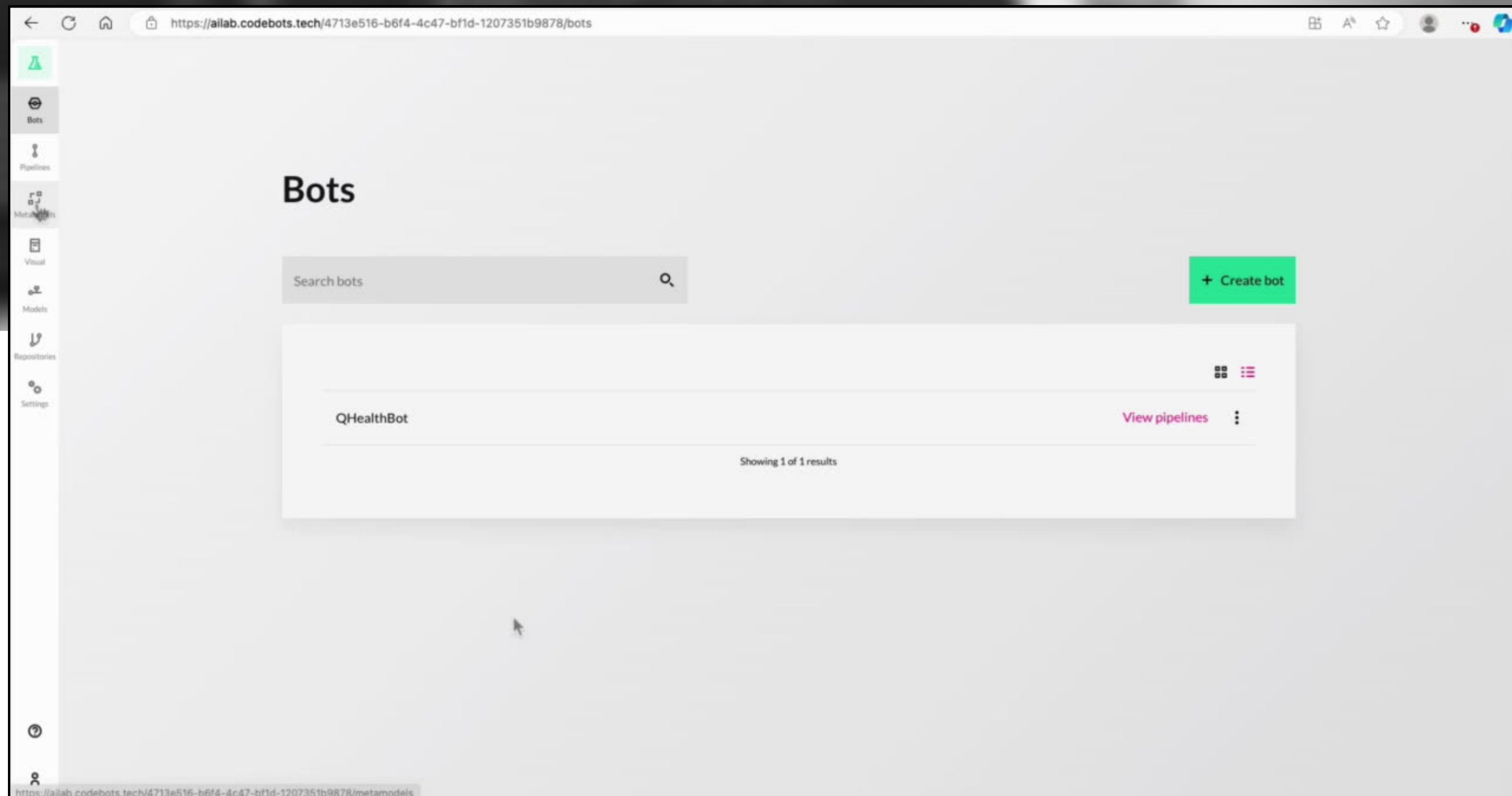
ieMR configuration portal



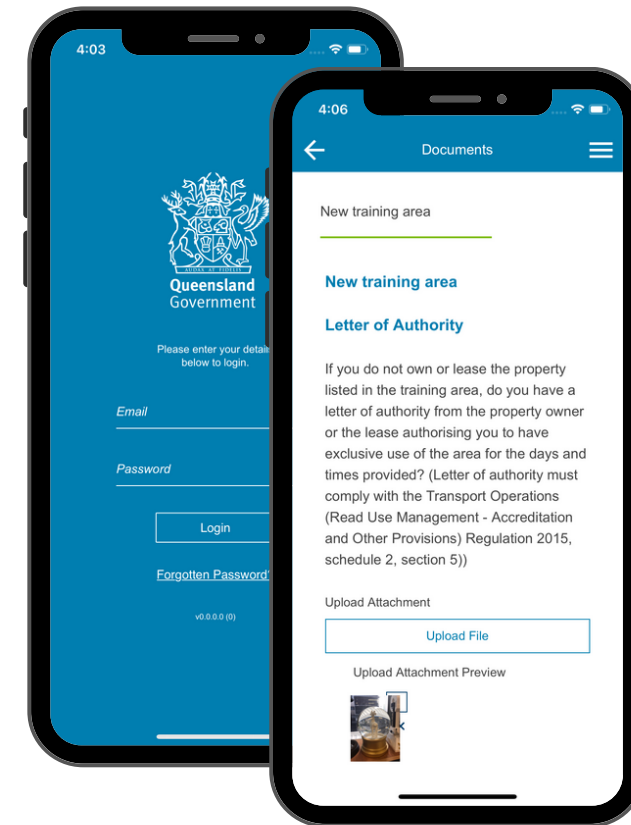
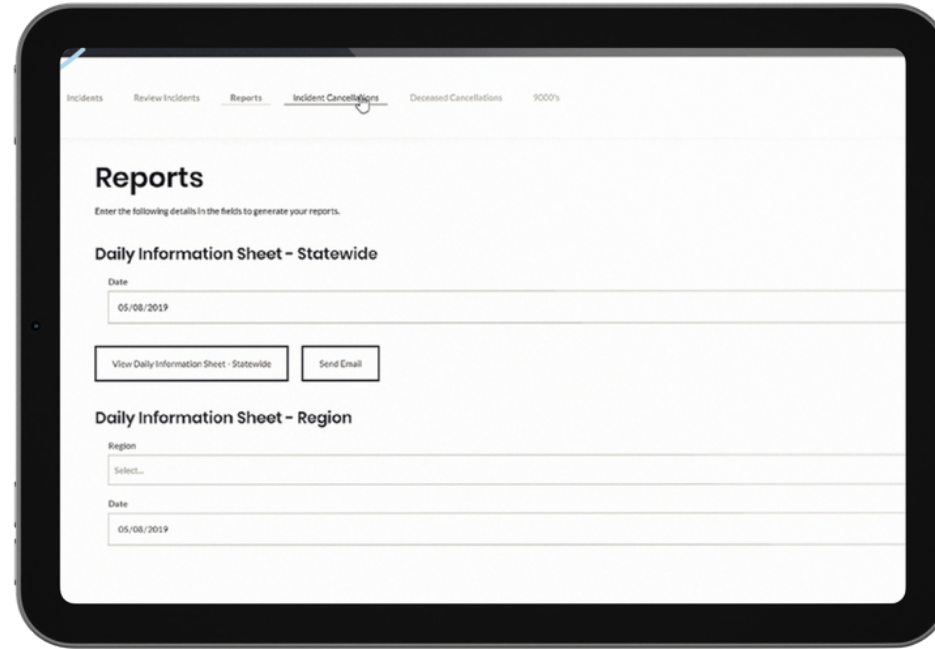
- Modernisation of existing system through like-for-like replacement
- Jidoka methodology, focusing on automation & quality
- Replaced the legacy system without changing organisational processes, minimised retraining needs, & set the stage for future enhancements



Composite AI & Modelling



Other Modernisation Projects



- **TMR: Optimisation of Property Systems**

- **Police NSW: Legacy Migration across 7 databases**

- **TMR: Q-ride Spreadsheet Modernisation**

- **DoD: Procurement Legacy System Migration**

Please Ask Questions In The Teams Chat?



Questions?

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