

## YOUR ENTERPRISE INFORMATION SYSTEM TODAY

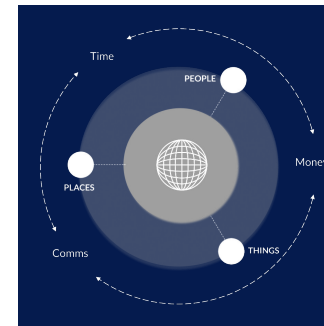
- A system of interpretations, duplications, integrations, and synchronisations**  
 Information systems are developed by multiple groups of people, using multiple tools and languages, rewriting the business processes in the different layers of the system. All these languages and tools and people now need to stay in sync for the system to work.
- Data gridlock makes more point solutions look like the answer**  
 The complexity we've inevitably created in our systems see us choose *more* edge solutions to solve our problems. This time it will be different we say, this one will make things better.
- Data is everywhere now, so we give up and throw it in the lake**  
 Things are getting worse. Our valuable data is scattered everywhere—from structured and semi-structured databases to unstructured spreadsheets and docs—so we modernise by sending it all to a warehouse, a lake, or a lakehouse! With some AI on top for the insights.
- Mounting technical debt, frozen budgets**  
 It all made sense: it wasn't feasible to propose the huge costs and long timeframes to make changes to the underlying data layer and dependent integrations. But each time we avoided it we *added* costs and technical debt. And now our budgets are frozen—either of our own making, or from a change in direction—and we can't satisfy our stakeholders.

## YOUR ENTERPRISE INFORMATION SYSTEM TOMORROW, WITH Occam

- The future of data is convergence**  
 Write your requirements in one place using human language that describes your world. Your entire information system is auto-coded from this data model: the UI, business processes, reporting, APIs, even the documentation. Change the model anytime at the speed of business.
- Confidence matters**  
 When being *probably* right creates million dollar risks, the future is a data-generated codebase that gives the same accurate deterministic results; every, single, time.
- Pick any problem, reduce complexity, and start achieving more with less**  
 Any problem solved helps solve the next problem. System by system, technical debt is reduced, isolated data is converged, and a flexible information system emerges.
- Unlock your Intellectual Property (IP)**  
 Deeply embed your organisation's unique IP into the information ecosystem, empowering your domain experts to drive decision-making with their knowledge

## OCCAM UNIVERSAL DATA MODEL

The Occam Universal Data Model (UDM) provides a framework to describe your world as the People, Places and Things they truly are.



- Defined by the first principle that no entity in your system should ever be duplicated.
- 1,000+ built-in unique entity types.
- Use ordinary nouns and verbs that everyone understands.
- Establish your entities first (nouns) and then associate your business processes (verbs) using time, money and comms
- Relate everything in any way with no locked hierarchy bias.
- Re-centre your world around any entity, anytime.
- Model your bespoke enterprise, without bespoke overheads.

## OCCAM DATA PLATFORM

The Occam Data Platform is a universal data engine for building information systems

The Occam Data Platform is used to describe the things, relationships, and processes that make up your world. The result is a new, universally flexible information system.

- Eliminate point solutions**  
 Start by describing *your* world using a data model of simple nouns and verbs. Solve your data problems one by one. And begin removing system complexity.
- Coded by data**  
 Your new information system is auto-generated by *your* data model that describes *your* world: the UI, business processes, reporting, mobile app, API and data import.
- Extended by data**  
 Need to capture new information? Need to change how things relate? Have a new business process? Easily extend *your* data model and your information system is dynamically updated.
- Converged by data**  
 Migrate and converge your valuable IP—in unstructured Excel sheets, apps, legacy systems—in a universal system.

## OCCAM SERVICE DELIVERY, WITH Powered by

- A **Statement of Work** is agreed. We describe-with-data your most-pressing problems. Big or small, it all leads to reduced system complexity and serves the next problem.
- An Occam Engineer implements your information system. On go-live a **Software Licence** is required along with a **Support & Maintenance** agreement.
- Change Requests** manage ongoing expansion of the delivered information system. Changes simply mean quickly updating the data model, the rest happens automatically.
- Your information system is securely hosted on **TEAM Cloud**, New Zealand's hyperscale sovereign cloud service, owned and operated by **TEAM IM**, powered by **Oracle Cloud**.

## OCCAM

Occam is a New Zealand-based information system provider

- Through more than 20 years of R&D, Occam has developed its world-first Universal Data Model (UDM), the foundation of its incredibly powerful and flexible Occam Data Platform.
- Occam's tremendous IP has solved intractable problems for a growing list of clients:



Ministry for Primary Industries  
Manatū Ahu Matua

