

## Diaxion develops a data centre migration strategy for a major Government body

### Overview

An independent Australian Government body needed to undertake a comprehensive review of options to exit one of its data centres.

The organisation selected Diaxion to develop a data centre strategy and business case that aligned with the needs of the business, operational objectives, and an endorsed cloud services strategy.

### The Challenge

Our client is an independent Australian Government body that needed to exit one of its data centres. Sovereign risk necessitated a holistic review of new data centre options and requirements. This included an assessment of their applications to determine current and future alignment to the endorsed cloud strategy.

Our client needed a data centre strategy which would include a review of existing inventory and recommendations for a future optimised state with the adoption of cloud services. The strategy would need to include a risk assessment and outline the target state for all applications and services.

Should the strategy recommend a new data centre facility, it would need to align with the Government's policies and include a build and migration timeline, and an associated cost model. The strategy also needed to be flexible and incorporate the organisation's business strategy and direction.

### The Solution

After a formal tender process, Diaxion was selected based on its extensive experience with datacentre and cloud program establishment, strategy and migration. Protected cloud expertise with Federal Government agencies and our Government security clearances were also compelling reasons to choose Diaxion.

Diaxion's Data Centre Migration Methodology comprises four phases: PMO, Migration Discovery and Analysis, Detailed Migration Planning, and Migration Execution. The methodology focuses on migration of applications in support of business processes, rather than the migration of infrastructure.

This approach enables Diaxion to understand how applications and infrastructure need to be moved together as groups, and gave our client confidence that disruptions would be minimised and unintended outages would be avoided.



## Diaxon

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Technology.

The project was initiated using the Discovery and Analysis phase, which ensured that business and technical requirements were well understood and in alignment with migration, cloud and business continuity strategies. It also included workload placement assessments for target state cloud applicability, and detailed discovery of IT applications and systems with an emphasis on their dependencies. The Discovery and Analysis phase was delivered via four sub-phases: Discovery, Analysis and Recommendation, Risk Analysis, and Review.

Given the complexity of a potential relocation and migration, with participation required from many organisations across the client's operation, a comprehensive Project Management function would be the most critical success factor. Diaxon therefore worked closely with the client to provide guidance and ensure that a robust management strategy was in place.

The program business case, timeline and strategy were developed mainly from the perspective of Government risk, physical security and cyber security. It included an assessment of the facility's current state, the client's future requirements, and risks associated with the migration to a new facility.

### The Outcome

Diaxon developed a comprehensive data centre strategy for the client that reflected the needs and expectations of their business, operational objectives and service levels, geography and sustainability goals, and the impact of cloud on the current data centre. The deliverables included a detailed findings report, a migration strategy and roadmap, and a market scan with considerations for alternative data centre providers should a new facility be required.

Diaxon also prepared a business case that included the cost of establishment, migration, operation, demand forecast, multi-year TCO comparisons, and flexibility features to future proof a new data centre. After a walk-through with the client to obtain final feedback and input, the strategy document was handed over to our client for Government endorsement and execution.

Our client ultimately secured endorsement of funding for the execution of the strategy to enable the establishment and migration, leading to achieving the Government's strategic outcomes.