



Overview

A Federal Government agency needed to undertake a review of its data centre strategy for its secondary site. The strategy included various migration options and associated cost models.

The organisation selected Diaxion to review the strategy, options, independent cost model creation and ensure alignment with the business strategy and operational priorities.

Diaxion delivers consultancy advice on options for a secondary data recovery centre

The Challenge

Our client is a Federal Government agency that needed to conduct a review of an internally authored data centre strategy for its secondary site. The critical facility was compliant for PSPF, ISM and SCEC for hosting Protected classified systems.

The strategy included options and associated cost models for a combination of options ranging from current site uplift, full and partial lift and shift to a new client premises with data centre build, establishment of a new co-location site in either of two states, a complete or partial secondary site within Protected Public Cloud through to doing nothing. The review of the strategy needed to consider, for each option, technical and operational constraints, key decisions, dependencies, sovereignty, timeline, geographical location, strategic alignment and potential costs.

Diaxion was selected to conduct the strategy review based on its extensive and proven data centre experience, including investment analysis, physical build, remediation, co-location establishment, business case development and migrations. Diaxion could leverage its rich experience in understanding the cost and impact of extending a data centre into the cloud (Hybrid and multi-cloud), at the start-up, commercial, enterprise, state and Federal government levels. Many of Diaxion's engagements have been at the forefront of the Federal Government's 'sovereign data centre' journey, and have required PSPF, SCEC and ISM compliance to Protected level.

The Solution

Diaxion's Data Centre Migration Methodology comprises four phases: PMO, Migration Discovery and Analysis, Detailed Migration Planning, and Migration. The project was initiated using the Discovery and Analysis phase, which commenced with a review of the Data Centre Strategy as background. A

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discovery meeting was then undertaken to understand the background and work completed to date, answer the questions from the initial strategy review, review the guiding principles, assumptions and financial input, and assess the business strategy. This included a walk-through of the data centre strategy document.

Diaxion then conducted a detailed review of the strategy document, followed by additional clarification workshops with key personnel representing disaster recovery and risk, physical and ICT security, property, data centre facilities, cloud, and capital refresh. What followed was an independent creation of the strategy document and associated cost models, leveraging Diaxion's experience from prior engagements and industry standards. A key component of this included the building of an approach to Protected Public cloud adoption, an associated cost model and timeline. Public cloud considering both sovereign providers and major International providers.

Requests for additional information were consolidated, before Diaxion undertook a comprehensive analysis of options and cost models to support the strategy.

The Outcome

Diaxion 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 with considerations for alternative data centre providers, sovereignty and Public cloud.

Diaxion also prepared a business case that included the cost of establishment, migration, operation. After a walk-through with the client to obtain final feedback and input, the strategy