



POLARIS DATA CENTRE : RELIABILITY

Commercial, Data Centre

Data Centre: energy and facilities management with a total reliability.

| The challenge

Polaris Data Centre is a mission critical \$212 million technological development within Greater Springfield, a Tier III N+2 Data Centre dedicated co-location facility offering 7,000m² of raised floor space over 3 levels.

The plant and equipment required to service the technical raised floor is housed in another 7,000m² of space.

The largest Data Centre of its type in Queensland, the client required a complete asset management service provider that would assure reliability of the site to effectively support the data performance demands required by its users.

| Veolia's solution

Improving competitiveness through optimal power usage effectiveness (PUE).

Having an intimate knowledge of the clients challenges, Veolia partnered with the Polaris Data Centre to optimise their operating conditions and energy costs.

This multi-technical asset management solution was focused on creating greater energy efficiency, improved Power Usage Effectiveness (PUE) and enhanced ICT sustainability.

- Veolia assumed responsibility for the operations and maintenance of systems and processes related to the utilities and building, and of the overall energy efficiency of the data centre.
- 15 year Comprehensive Multi-Technical Asset Management contract.
- Management staff, administration, policy & procedures.



Springfield, Queensland, Australia



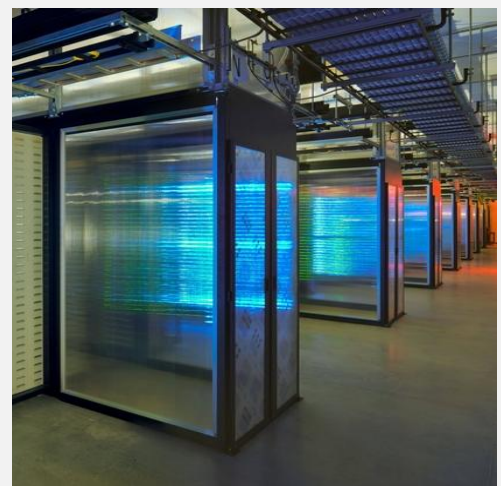
Contract Facts:

15 years; contract renewed in 2019 for 5+5 years

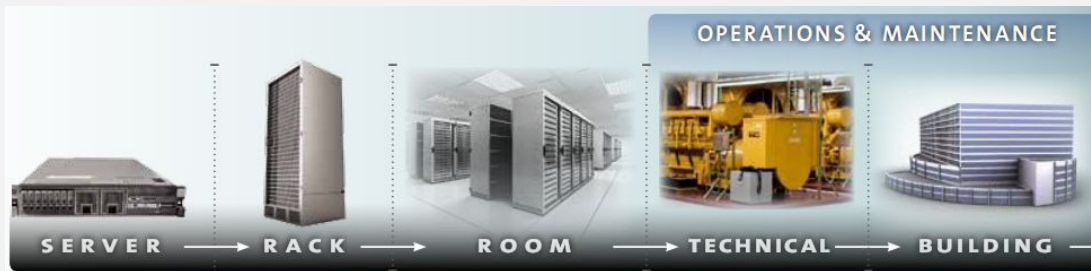
15 years
asset
management
contract

Tier III
N+2
redundancy
Data Centre

14 technical and administrative staff on-site

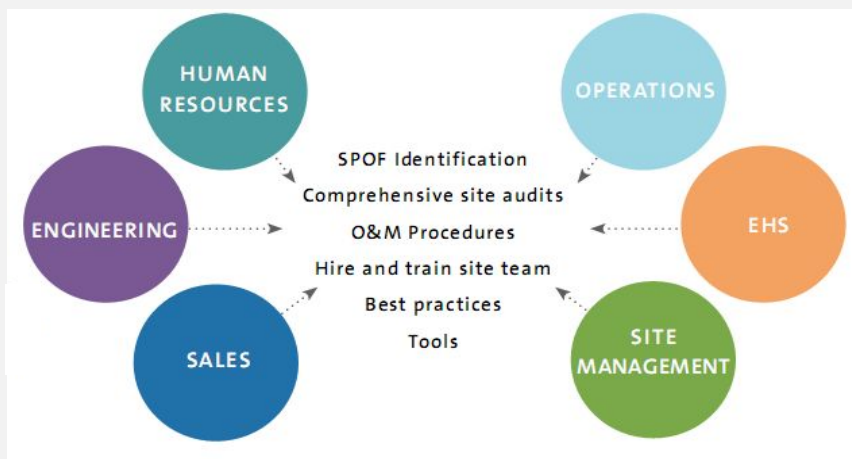


- Total of 14 dedicated staff.
- Subcontractors selection, approval and management.
- Fully KPI and Service Level driven contract.
- Manage and delivery of tenant fit-out activities.



Contract Mobilisation

Employing a systematic and proven methodology, Veolia successfully mobilised the cross-functional resources required to implement this data centre energy management solution for Polaris. These resources worked together as a team to identify single points of failure (SPOF) and to hire and train the team that now operate and maintain the Polaris Data Centre on an ongoing basis.



| The benefits

- Reliability and availability: Provided continuity of service of energy systems in order to guarantee full availability of data.
- Energy Efficiency: Optimal data centre energy efficiency and power usage effectiveness (PUE) through multi-technical asset management.
- Control costs and mitigation of operating risks.
- Extend the useful life of energy infrastructure.
- Demonstrate ability to manage high technical risk assets.
- Strategic alliance with owner.



REGIONS & CITIES

Community events and partnerships with local charities to promote energy efficiency practices, Education,
Local procurement : economic boost of the local area and lower CO2 emissions.



PLANET

Reduced carbon footprint



WOMEN & MEN

Management and human capital: Personnel management and training.