

Core Competencies

Secure, sovereign and Green Data solutions for Government, Defence & Enterprise partners. Solutions that focus on the challenge of accommodating the proliferation of high volumes of data and processing whilst meeting stringent data security requirements.

macroDATA Datacentres bring capabilities in *dark fibre* communications systems, encrypted communications, command, control, compute, intelligence, surveillance, and multimedia services to meet these challenges.

Highly available and highly secure, services are achieved at the optimum cost through embracing technology, insisting on sustainability, and following global best practice.

Operational pressures often undermine long-term planning, leading to reactive rather than proactive methodology resulting in complicated architecture with silos of functionality. Our methodology reduces the complexity of *build, operate, expand, maintain* and *secure* delivering a seamless multi-year contiguous growth strategy.

- **Managing Security:** Protecting sensitive information data from malicious and hostile intelligence agencies in a secure pair of data centres.
- **Disaster Recovery and Business Continuity:** Protecting Defence from natural or manmade disasters, such as cyclones or cyber-attacks.
- **Optimise Total Cost of Ownership:** Ensuring server capacity to accommodate exponential growth in data volume and data-rigorous applications, increased power consumption, exponential storage and increased processing from triangulation of data sources.
- **Dark Secure Communications:** Building and operating dark fibre networks inaccessible by public networks.
- **Data Centre in a Data Centre:** Modularity allows for contiguous allocation and client bespoke specifications. It also allows for complete security separation.
- **Bespoke Designed and Built Modular Solutions** that provide end-to-end secure, fast, efficient, cost effective, modular, green, deployable or fixed solutions that can cater for the highest level of security and data requirements – *our site or yours*.

Sovereign • Secure • Green Data

<https://macrodata.solutions/>
www.linkedin.com/company/macrodata/about/



macroDATA
DATACENTRES
Choose the green data advantage!

**PARTNERING WITH GOVERNMENT,
DEFENCE & ENTERPRISE SOLUTIONS**

Differentiators

- **Tier IV + Pair:** highly resilient data centre so critical services are always up with secure failover
- **Green Data:** green energy created and stored onsite with external source from the grid + 14 days backup.
- **Sovereign capabilities:** regional and remote allow for SCEC certification.
- **Dark fibre:** Meeting SCEC certification and can be single tenant.
- **Secure Connectivity:** from customer to site and to the failover data centre.
- **International Connectivity:** our site or yours to where you need it in the world.
- **World class Technical Support:** from veterans of data centres and protected solutions