

XENON Defence Quad Chart

CAPABILITIES

Advanced, Future-Ready IT Infrastructure

- High-performance computing (HPC) systems purpose-built for Defence applications, including AI, simulation, training, and real-time data fusion.
- Ruggedised, scalable, and field-deployable technology designed to meet operational demands across land, sea, air, and cyber domains.
- **Full-service:** design, manufacture, installation, support, and lifecycle maintenance — all based in Australia.

End-to-End HPC and AI Expertise

- Specialist in AI infrastructure, visualisation systems, large-scale simulations, and advanced analytics.
- Custom design and integration of compute, storage, and networking for mission-critical workloads.
- In-house consulting and engineering teams ensure rapid deployment and tailored support.

OUTCOMES

Technology Based on When You Go Live — Not When You Tender

XENON designs systems using technology expected to be available at commissioning, not at the time of tender.

Benefit: Ensures your systems are built with the most current and powerful tech — extending lifespan, reducing obsolescence, and lowering Total Cost of Ownership.

Agile, Bespoke Engineering

XENON delivers bespoke solutions build for your specific mission and environment.

Benefit: Teams get the exact compute power, scale, and resilience they need — no over-provisioning, no compromise.



PROVEN TRACK RECORD

Supplier to Defence and Primes since 2005.

- **Thales Tiger Flight Simulator:** High-performance infrastructure delivering immersive, real-time training.
- **Ruggedised HPC for Field Operations:** Deployed computing for data-driven decision-making in harsh environments.
- **Advanced Data Analytics for ADF:** Supporting faster, more informed training and operational readiness.



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SOVEREIGN, TRUSTED, AGILE

- 100% Australian-owned with ISO 9001 & 14001 certifications and DISP membership.
- Systems designed, assembled, and supported in Australia — ensuring secure supply chains and local accountability.



Case Studies

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