



# XENON<sup>®</sup>

High Performance Computing

***Delivering Great New Things since 1996!***

*XENON brings you the latest  
in AI, High Performance Computing,  
networking and storage  
to accelerate workloads and innovation.*

*When you need to go beyond ordinary solutions,  
XENON brings the infrastructure and services  
which enable greatness.*

## XENON: The Australian HPC Experts

- Australian Company, established in 1996, \$30m+ annual turnover. HQ in Melbourne, with local representation in Brisbane and Sydney. Experienced team of 30 HPC and technical computing specialists.
- Direct relationships with all major component manufacturers to lower cost and expedite support. In-house technical ability to build low volume custom designed servers, workstations and complex HPC clusters.
- History of innovation and investment in R&D. Recognised as a thought leader in HPC/AI infrastructure and GPUs since 2008 when the team delivered the first clustered GPU system for HPC in Australia to CSIRO.
- ISO9001:2015 and ISO 14001:2015 Certified and is in the process of obtaining DISP membership.

- Visual Workstations
- Bespoke Server Solutions
- GPU Workstations and Servers

- High Performance Computing
- High Speed Networking
- High Performance Storage

- XENON Cluster Stack for HPC
- Professional & Managed Services
- Cloud & Hybrid Cloud Services
- AI/Deep Learning Solutions



# High Performance Solutions for Defence and Defence Primes

XENON's bespoke high performance computing solutions are designed to tackle the most data intensive and complex computing challenges and deliver high performance capabilities.

**1996**  
**XENON**  
The company was established

**2000**  
**THALES**  
**2005, 2012, 2018**  
ASLAV Containerised Training Simulators  
Supply of Image Generator systems and Integration Services

**2010**  
**Australian Government**  
Department of Defence  
Science and Technology  
**2010**  
Cluster for CFD and FAE  
Supply of HPC Cluster

**2010**  
**BAE SYSTEMS**  
**2010**  
Virtual Battlefield Training Simulator  
Supply of Image Generator systems

**2010**  
**THALES**  
**2012**  
Blackhawk Training Simulator  
Supply of Image Generator systems

**2012**  
**BAE SYSTEMS**  
**2012**  
JORN Radar System  
Supply of Compute and Storage infrastructure

**2012**  
**THALES**  
**2012**  
Cluster for CFD and FAE  
Supply of HPC Cluster

**2013**  
**THALES**  
**2013**  
Tiger Helicopter Training Simulators  
Supply of Image Generator systems and Integration Services

**2014**  
**THALES**  
**2014**  
Wedgetail Training Simulator  
Supply of Image Generator systems

**2016**  
**THALES**  
**2016**  
MRH90 Helicopter Training Simulators  
Supply of Image Generator systems

**2019**  
**Australian Government**  
Department of Defence  
**2019**  
Cluster for AI and Deep Learning  
Supply of NVIDIA DGX Systems

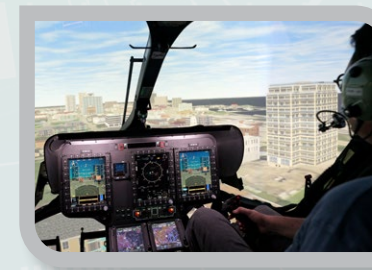
**2021**  
**THALES**  
**2021**  
Bushmaster NZ Desktop Trainers  
Supply of Image Generator systems and Integration Services



Read the Thales Case Study

*"Delivering systems to the Armed Forces is not like mass producing a car. It's a highly specialised and highly critical technical environment that requires niche expertise. Simulator downtime needs to be accounted for, minimised and planned to the most precise point, all while keeping personnel trained, projects on time and costs within budget."*

**Harry Tavlaridis**  
Project Manager, Thales Australia.



Read All XENON Case Studies

## End-to-End Solutions for Complex IT Capabilities

The advanced capabilities required by modern defence forces requires advanced computing systems: AI, computational analysis across large datasets, data visualisation and simulations.

**XENON provides bespoke end-to-end IT solutions to meet these needs, with each project including:**

- Project design,
- System configuration, testing and deployment,
- On-going managed services/professional services.

Following an outcome focused methodology, XENON is vendor agnostic and delivers bespoke, IT solutions to create significant capabilities across a range of Defence requirements.

Since 2005, XENON has been a trusted supplier of IT systems for Defence projects, with a track record of delivering complex IT solutions, on-time and on-budget. XENON has delivered high performance computing projects to Department of Defence and DST, BAE Systems, Boeing Australia, Raytheon, Lockheed Martin and Thales.

XENON solutions are known for being robust, long-lasting, and transformational.

**Contact us today to discuss your requirements:**



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