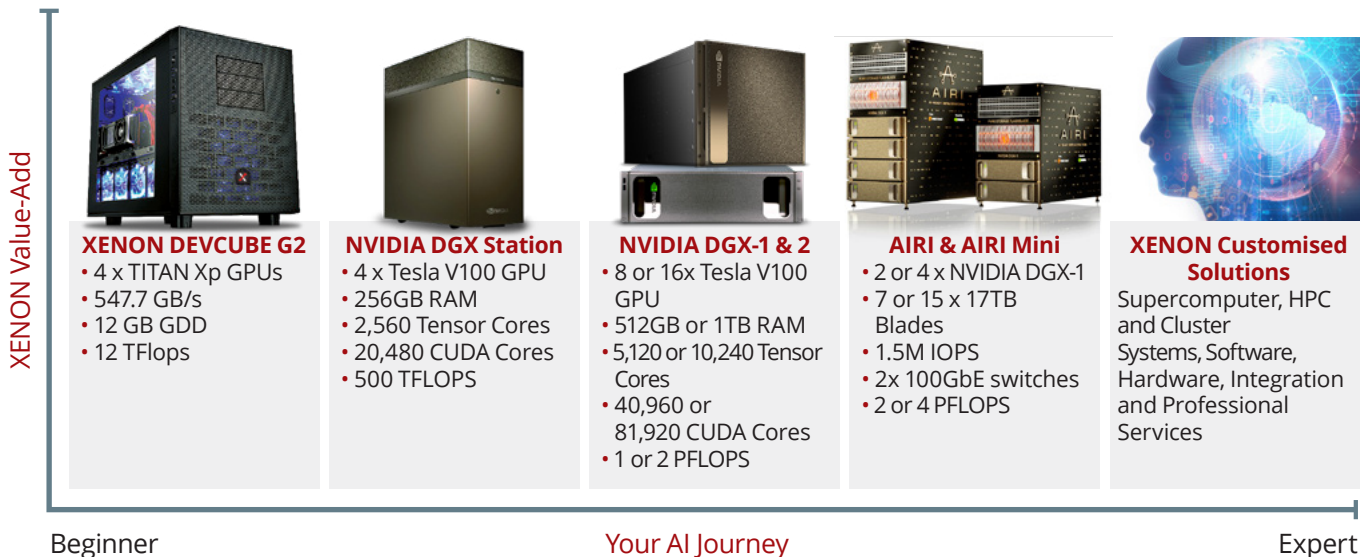


XENON Capability Statement

HOW XENON CAN ASSIST YOUR ML/DL/AI* JOURNEY



*Machine Learning (ML), Deep Learning (DL), Artificial Intelligence (AI)

CAPABILITY OVERVIEW

Professional Services Consulting

Integration, software development, hardware infrastructure

ML/DL/AI Training Workshops

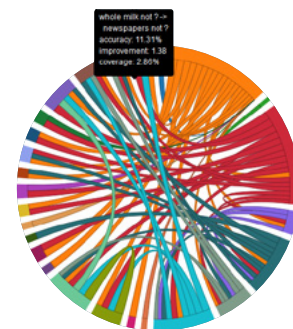
Periodical or tailored to your team's requirements

Software Kinetica

GPU accelerated, in-memory, insight engine for Extreme Data Economy – Streaming and Data-at-rest

Mineset

Predictive Analytics with integrated Machine Learning & Visualisation



Solutions

- Deep Learning / Machine Learning
- Predictive Analytics
- GPU Computing
- **High Performance:**
 - Computing
 - Infrastructure
 - Storage
 - Networking
- Software Defined Networks
- Cloud Platforms
- Virtual Desktop Infrastructure
- Visual Workstation Technology

Professional Services

- **Consulting:** Strategy and Operations
- **Educational Workshops:** Machine Learning, Deep Learning, Artificial Intelligence
- Training and Support
- Managed Services
- Customised Solutions
- Staging, Installation and Deployment

Partners

- NVIDIA
- Pure
- Kinetica
- Mellanox
- IBM
- Intel
- Lenovo
- WekaIO
- DDN
- Cumulus
- Microsoft

OUR MILESTONES

2011

Fox Broadcasting USA
Supplied Video Logging solution

2011

Australian Stock Exchange (ASX)
Supplied Infiniband equipment

2012

Fujitsu
Supplied Infiniband Network for Australia's largest Supercomputer ("Raijin")



2013

Digital Cinema Systems
Upgraded 150 Independent Cinemas in ANZ region

2014

University of Queensland
FlashLite HPC cluster system for high data throughput

2015

Futuris
XENON drive high performance innovation

2015

Thales Defence
Delivered High Fidelity Solution for Australian Army Tiger Helicopter Simulator

2016

Garvan Institute of Medical Research
NVMe solution that enables high data throughput

2016

Oil Search
Deployed Intel® CAS to speed reservoir modeling

2017

The Walter and Eliza Hall Institute
Private Cloud For Next Generation Cancer, Disease & Medical Research

2017

NCI
Supercomputer dedicated to scientific research & technology innovation

2000

Animal Logic
Render Farm delivered for the "Matrix" movie trilogy



2004

TataSky DTH India
Supplied Video Logging solution

2005

Thales Defence
Supplied Image Generators for the ASLAV simulators

2007

Victorian Partnership for Advance Computing
Supplied HPC Cluster for Advance Computing

1998

Telstra Digital Video Network
Supplied Video Server equipment



2009

CSIRO (10th in Green500 ranking)
Supplied Australia's first GPU Cluster ("Bragg")

PARTNER CERTIFICATIONS

XENON is vendor agnostic and holds the following partner certifications:

- NVIDIA® Elite Solution Provider
- Mellanox Elite Partner
- Microsoft® Certified Partner
- Intel® Premier Technology Provider
- Intel® HPC Data Center Specialists and Lustre* Software Reseller
- AIRI by Pure Storage Partner
- Cumulus Network partner
- Lenovo Gold Partner
- IBM Business Partner
- Quantum Platinum Partner
- VMware Academic Specialist and Professional Solution Provider
- Veeam ProPartner



OTHER COMPANIES

XENON Systems Pty Ltd is a member of the XENON Technology Group which includes:

- **Mediaproxy Pty Ltd:** www.mediaproxy.com
- **XDT Pty Ltd:** www.catapultsoft.com.au
- **XENOptics Pty Ltd:** www.xenoptics.com

XENON
High Performance Computing

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