XENON +SERVICES

XENON +Services are vendor and cloud agnostic, focused on achieving the best outcomes for customers, built with a deep understanding of complex workloads.

XENON is a high performance computing and IT infrastructure specialist. XENON provides **+**Services across on-premise, cloud and hybrid infrastructure requirements, in a variety of engagement models including projects and provisioning, managed services, and cloud services.

XENON +Services are valued by our customers for:
- Independent, vendor agnostic solutions and advice aligned with customers' goals
- Engineering excellence and specialised technical expertise
- Exceptional personalised customer service.

+SERVICES EXAMPLES	ON-PREM	CLOUD
+PROVISIONING • Run-up, testing and install HPC clusters • Infrastructure repurposing • Implementation of containerised structure for HPC by customising XENON Cluster Stack for customers	✔	✔
+PROJECTS • Cost comparisons on-prem vs cloud • Lifecycle planning for complex infrastructure • HPC system advice (mix of CPU, GPU, networking and storage requirements for various workloads)	✔	✔
+MANAGED SERVICES • HPC cluster admin and management • Data protection management & testing • Infrastructure monitoring and support (managing capacity and utilisation)	✔	✔
+CLOUD • Designing and implementing infrastructure for specific applications in the cloud, short term and long term usage models • Implementing hybrid cloud containerised applications • Migration services – in and out of cloud, across multiple clouds	✔	✔

XENON.
High Performance Computing

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PROVISIONING

The XENON team ensures all complex projects are run-up and fully tested prior to delivery. This often includes install of software, configuration of networking, and remote access for initial User Acceptance Testing. The Team then follows this with onsite services to streamline delivery. The process reduces risks of RMA's and delays in provisioning complex systems.

The result is a faster time from placing your order to using systems in production. This delivers a better ROI for your infrastructure investment, often by 10% or more.

PROJECTS

XENON technical expertise is available for defined outcome projects. The Team is regularly engaged to advise on HPC design, infrastructure planning and lifecycle utilisation. HPC projects have included the design of HPC clusters for current and planned workloads, and evaluating gaps in existing clusters and forward planning expansions.

Advice on infrastructure repurposing and re-use has helped customers to extend the lifespan of key infrastructure investments. Investigations into best infrastructure platforms encompasses multiple options including major cloud service providers, and the latest vendor offerings in hardware and software defined infrastructure.

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CLOUD

XENON's infrastructure expertise spans all major cloud providers and technologies. From establishing a private cloud for compute and/or storage, to hybrid cloud and multi-cloud architectures. XENON +Services have assisted customers to set-up and manage hybrid infrastructures for HPC in the cloud, burst cloud capacity for workloads, as well as data protection across on-premise and cloud storage.

Infrastructure planning including cloud vs on-premise infrastructure cost comparisons and cross-cloud comparisons are also popular with customers. XENON brings a vendor and cloud agnostic approach to deliver the best outcome for workloads and budgets.

MANAGED SERVICES

XENON provides managed services for HPC Clusters, data protection, and complex infrastructure environments that are beyond the skills of most managed service providers. A cost-effective time-and-materials model provides the support specific to the infrastructure requirement, when needed.

The initial scoping engagement reveals where XENON specialist infrastructure expertise can be utilised, providing support for existing in-house teams and releasing these staff to concentrate on their area of expertise and core business challenges.

For over 25 years the XENON +Services team has been assisting customers across Australia, New Zealand and now in South East Asia, to deploy the best IT infrastructure and platforms for their requirements.

Contact XENON today to discuss how XENON +Services can benefit your organisation.

Enquire about Services