

Australian University scales IT infrastructure to support AI/ML for learning and research

The University of Canberra is focused on shaping the future of higher education. With Nutanix, the University has powered AI/ML systems that enhance academic and research outcomes. By optimizing IT costs, it has also reinvested savings into solutions that provide seamless remote access to critical data.

Business Challenges

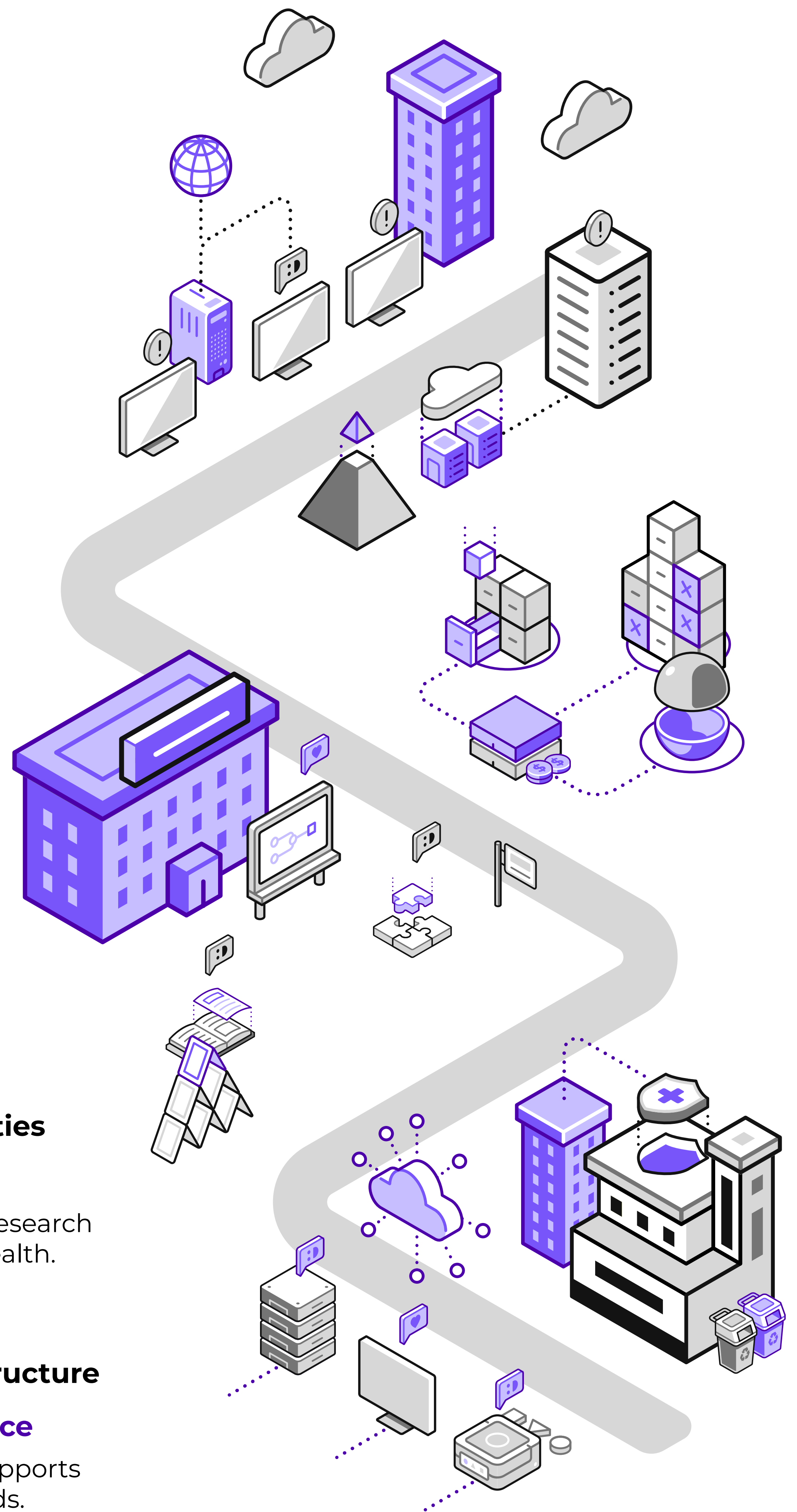
- **Rising demand for AI/ML capabilities** in research and academics.
- **Need for scalability and centralized visibility** to manage IT across diverse environments.
- **Seamless remote access** required to support online learning.

Solutions

- ✓ Moved from VMware to Nutanix AHV hypervisor and migrated workloads to **increase IT performance**.
- ✓ Implemented Nutanix End User Computing Solutions to **facilitate remote access** to data and applications.
- ✓ Adopted NCM Cost Governance to monitor and **optimize cloud costs**.

Business Outcomes

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| <p>1 Support for Next-Gen Education</p> <p>Increased accessibility to AI/ML resources that drive academic and research advancements.</p> | <p>2 Transform Research Capabilities</p> <p>Reliable IT for groundbreaking research in fields like public health.</p> |
| <p>3 Significant Cost Savings</p> <p>AU\$3.6M in IT Savings through virtual desktop infrastructure, server consolidation and reduced datacenter footprint.</p> | <p>4 Scalable IT Infrastructure</p> <p>High-Performance infrastructure that supports heavy AI/ML workloads.</p> |



“We are adapting our IT using Nutanix to support AI and ML across the University, including our research centers. It’s also helping deliver the applications that students and teachers need remotely.”

Matt Carmichael
CIO, University of Canberra

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