

# Case Study

## Macquarie University

An Integrated Approach for Safeguarding  
a Diverse University Campus



# Macquarie University

Nestled at the heart of Sydney, Macquarie University sprawls across 126 hectares, serving as a vibrant centre for research, education, and leisure. Home to 40,000 students and a staff of 2,000, the university has invested over a billion dollars in state-of-the-art facilities and infrastructure over the past decade. This substantial investment reflects Macquarie University's commitment to providing an inspiring and digitally advanced environment where innovation thrives.

Like a bustling miniature city, Macquarie University boasts a rich array of on-campus amenities, including several cafés and restaurants. The campus is within walking distance of a major shopping precinct, offering a seamless blend of academia and lifestyle.

The university's sports facilities rank among the best in the country, featuring a Sport and Aquatic Centre with swimming pools, a state-of-the-art health club, squash and basketball courts, and a dedicated martial arts area. The Wallumattagal Campus in Macquarie Park complements the academic experience with services such as bars, restaurants, cafés, childcare centres, counselling services, a medical clinic, pharmacy, and even a private hospital.



## CCNA Solution For Macquarie University

When Macquarie University sought a holistic approach to security, access control, and network management, CCNA stepped in to enhance security, streamline administration, and ensure compliance.

CCNA seamlessly managed the installation of a Smart Lock from ASSA ABLOY, coupled with HPE Aruba Networking ClearPass technology, bridging the gap between physical and digital access.



## Business Outcomes

- 1 Access Control Flexibility**

ASSA ABLOY locks effortlessly adapt to diverse access methods, integrating seamlessly with HPE Aruba Networking ClearPass for easy policy management.
- 2 Centralised Management**

Streamlining oversight of access control, authentication, and network management, both HPE Aruba Networking and ASSA ABLOY solutions offer centralised management.
- 3 Scalability**

The integrated solution scales efficiently to meet the dynamic access requirements of universities and enterprises.
- 4 Auditing and Compliance**

Comprehensive auditing and reporting ensure compliance with security and data privacy regulations.
- 5 Efficiency and Cost Savings**

Integration automates user provisioning, reduces administrative overhead, and incorporates energy-saving features, contributing to operational efficiency and cost savings.
- 6 User Convenience**

Users enjoy a seamless experience, using a single credential for both digital and physical access, simplifying daily activities.

## Why CCNA?

CCNA was the natural choice, grounded in the established trust between the two organisations and CCNA's demonstrated technical expertise. Well-versed in Macquarie University's specific security and infrastructure needs, CCNA earned the university's trust for prioritising its best interests.

## Why These Solutions for Macquarie University?

### ASSA ABLOY Smart Lock

Secure doors without keys—users receive phone-based or hard credentials. Intuitive software simplifies management, allowing for seamless access permissions.

### HPE Aruba ClearPass Policy Manager (CPPM)

Ensuring robust network access control, ClearPass manages authentication, authorisation, continuous monitoring, and enforcement with high interoperability, maximising existing security investments.



## About CCNA

CCNA offers a comprehensive range of services designed to deliver outstanding results. From consultation through project management to ongoing support, we specialise in the Enterprise, Government, and Carrier markets, delivering innovative technology solutions and services.



**Thinking about a similar project?  
Let's Chat!**

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