

# University of Technology Sydney

Simplified Wi-Fi access and a resilient network deliver an improved user experience for UTS students, staff and guests.

“Alcatel-Lucent Enterprise have helped us modernize our network infrastructure over the years, they have been a reliable partner on our growth journey. The guest experience for on-campus users was very critical for us, and operationally we have reduced the time taken for providing guest access from hours to minutes, and the best part is, we don’t have to go out and test it every time, because we know that it works!” - Graham Redwood, Network Manager, University of Technology Sydney

The University of Technology Sydney (UTS), renowned for its technical course offering, was founded in 1988. With more than 35,000 students, 3,500 employees, as well as academics, the campus consists of 10 buildings on its main site with additional facilities across Sydney.

## CHALLENGES

Universities around the world are faced with the challenge of doing more with less. UTS’ rapidly expanding campus meant they needed to find a way to update their network, make features available throughout the campus, and manage costs.

UTS were experiencing a number of network issues created by the different technologies in use by different faculties and groups. They needed to streamline the technology and build in seamless redundancy. They also needed to automate processes and make it easier to get things done. Alcatel-Lucent Enterprise delivered the plug and play, future-ready solution that UTS required.

## PRODUCTS

Alcatel-Lucent OmniSwitch® 10K Modular LAN Chassis  
Alcatel-Lucent OmniSwitch® 6900, 6860, 6850E Stackable LAN Switch  
Alcatel-Lucent OmniSwitch® 6855 Hardened LAN Switch  
Alcatel-Lucent OmniAccess® AP135, AP175, AP225, AP345  
Alcatel-Lucent OmniVista® 2500 Network Management System  
Alcatel-Lucent OmniVista® 3600 AirManager

## WHAT MADE THE DIFFERENCE?

The ALE infrastructure provides the network reliability and solutions that UTS demands. In addition to delivering consistent features across campus, the Alcatel-Lucent Clearpass guest experience solution makes it easy for visitors to access the network with a simple registration.

## > CUSTOMER BENEFITS

Fewer network outages and positive feedback from people visiting from other universities. And, with Clearpass, guest networking can be set up in a couple of minutes with no testing required.

## > TECHNICAL BENEFITS

Shortest Path Bridging (SPB) ensures that if there is a problem in one building it does not affect another building. ALE infrastructure enables a move towards more virtual networking. It provides a scalable architecture to support more than 90% of the day-to-day activities UTS need to run.

## > FINANCIAL BENEFITS

ALE provided the right port capacity at the right price. Similar products from other vendors were approximately 20% higher. As well the requirement to update equipment is less frequent, so lower cost and less frequent updates, even on a large campus, means cost savings.

## > BUSINESS PARTNER

It was very important for UTS to work with a partner who could deliver on the project requirements. DXC Connect Pty. Ltd. is a large partner with extensive experience in delivering the networking support institutions like UTS demand.

## Customer Story

MARKET: **EDUCATION**

REGION: **AUSTRALIA**

ORGANIZATION:

DEAL IMPLEMENTED: **2020**

NUMBER OF USERS: **40,000**

**UNIVERSITY OF TECHNOLOGY SYDNEY**