



POWERFUL UTS NETWORK SUPPORTS OVER 37,000 USERS FOR DATA ACCESS AND COLLABORATION

## UNIVERSITY OF TECHNOLOGY, SYDNEY (UTS)

The University of Technology, Sydney (UTS) is one of the leading providers of technical education and largest universities in Australia. Since its founding in 1988, UTS has provided students with practice-based, comprehensive instruction that has earned them worldwide recognition as an outstanding example of expert training in the technological field.

### CHALLENGES

UTS required a robust, high-performance network infrastructure to support their billion-dollar campus expansion plan.

Wireless access was essential for highly connected students and faculty with multiple devices across campuses & housing developments.

Building a secure WLAN network in a high-density urban environment with large volumes of non-university device interference was also taken into account.

### PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 10K Modular LAN Chassis

Alcatel-Lucent OmniSwitch® 6900, 6850E Stackable LAN Switch

Alcatel-Lucent OmniSwitch® 6855 Hardened LAN Switch

Alcatel-Lucent OmniAccess® AP135, AP175, AP225

Alcatel-Lucent OmniVista® 2500 Network Management System

Alcatel-Lucent OmniVista® 3600 AirManager

### WHY ALCATEL-LUCENT ENTERPRISE

Since 2001, Alcatel-Lucent Enterprise has been the selected technology innovation partner for UTS capable of taking them on their journey into the future of education. The proposed upgrade was selected for its cost-effectiveness and the ability to work within the existing network infrastructure. The offer also included reliable support network on the technical & product levels as well as upgrading consultancy to cover future developments.

**Location:** Sydney, AUSTRALIA

**Vertical:** Education

**Number of users:** 37,000+

**Implementation date:** January, 2015

**Business Partner:** UXC Connect

## BENEFITS

### TECHNICAL

Alcatel-Lucent Enterprise's powerful network can easily handle increased bandwidth requirements and the OmniSwitch® system will address and support future system needs. This cutting-edge technology positions UTS as a leading provider of higher education in a highly competitive market.

### FINANCIAL

The new Alcatel-Lucent Enterprise network management, access points and switch solutions have significantly reduced the upfront costs as well as the costs associated with maintenance and upkeep with a fully integrated system.

### USER EXPERIENCE

The advanced Alcatel-Lucent Enterprise network provides tomorrow's technology industry workers with the technology they need to succeed today.

“Communication and collaboration are core to every part of our business and the use of our Wi-Fi network has been increasing at a rapid pace. At UTS we make heavy use of technology to enrich teaching and learning. We engage with students through social media, video and electronic communications. If we didn't have a fast, well designed network underpinning all this, it just wouldn't work.”

Peter Gale, Information Technology Division Manager, UTS.