



HIGHLY RELIABLE NETWORK ENHANCES CLASSROOM & E-LEARNING

CENTRO UNIVERSITÁRIO DE BRASÍLIA (UniCEUB)

Centro Universitário de Brasília (UniCEUB) is one of the best universities in the capital city of Brazil. It is known for its teaching excellence and continuous program renewal, following the latest technological and pedagogical developments in higher education. UniCEUB offers courses in the legal, social, health, education and hard sciences.

CHALLENGES

UniCEUB required a reliable wireless network to meet the needs of students, faculty and staff. They also required VLAN management and network profile improvement as well as an Inter-VLAN access control with policies. In addition, the university wanted to manage their assets via a unique interface with virtual chassis and stacking.

PRODUCTS AND SERVICES

- Alcatel-Lucent OmniSwitch® 6450 Stackable LAN Switch
- Alcatel-Lucent OmniAccess® IAP 135
- Alcatel-Lucent OmniVista® 3600 Air Manager
- Alcatel-Lucent OmniSwitch® 6860
- Alcatel-Lucent OmniSwitch® 6900 Stackable LAN Switch

WHY ALCATEL-LUCENT ENTERPRISE

UniCEUB required a Proof of Concept with different manufacturers, analyzing functionality, hardware specifications, and availability in heavily used networks, converging capabilities and components. The Alcatel-Lucent Enterprise Solutions received the best evaluation by the decision making expert team. Senado Federal, already an Alcatel-Lucent Enterprise' customer shared their positive experience and recommended this choice. UniCEUB chose to work with Alcatel-Lucent Enterprise as the winning vendor following those exchanges.

Location: Brasília, Distrito Federal, BRAZIL
Vertical: Education
Number of users: 25,000

Deal implementation: February, 2015
Business Partner: NTSEC/LETTEL

BENEFITS

 **TECHNICAL**


Wi-Fi stability is significantly improved. Network performance and support services in a high-density environment are impeccable with seamless connectivity for 60-100 devices per access point and automatic workstation deployment.

 **FINANCIAL**

Thanks to the new solutions UniCEUB benefits from significant total cost of ownership that varies between 25% and 30% per year.

 **USER EXPERIENCE**

Technology use in classroom environments is now simplified and reliable. E-learning resources are continuously available for students and faculty.

 **“The Alcatel-Lucent Enterprise commitment to delivering precision and simplicity in system setup and management enabled us to implement a reliable network, with security policies and high quality of service. With the new solution we were able to autonomously deploy a secure network for 1,500 wired devices and 1,200 simultaneous wireless devices in only 7 days, including VLANs, Access Policies, Network Authentication, Quality of Service and Routing, along with workstations, printers and servers activation”.**

Cláudio Costa, Infrastructure and Computer Network Manager, UniCEUB.