CASE STUDY

UNIVERSIDAD DEL PACÍFICO

BRINGING BYOD EXPERIENCE TO STUDENTS AND STAFF

UNIVERSIDAD DEL PACIFICO (UP)

Universidad del Pacifico (UP) is a small private university in the Jesus Maria District of Lima, Peru. In the past three decades, Universidad Del Pacifico has been ranked as one of Peru's most esteemed universities in the fields of economics, law, finance, accounting and business administration. It is considered as one of the leading institutions in the Latin American region.

CHALLENGES

Universidad del Pacifico had platform management and maintenance issues being caused by the whole obsolete former infrastructure of the university.

The university needed to replace their existing network and wireless infrastructure with a converged infrastructure solution, using the latest technology to benefit both their students and staff members through Bring Your Own Device (BYOD) opportunity.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch™ 6900 Stackable LAN Switch

Alcatel-Lucent OmniSwitch™ 6850E Stackable LAN Switch

Alcatel-Lucent OmniSwitch™ 6400 Stackable Gigabit LAN Switch

Alcatel-Lucent OmniSwitch™ 6450 Stackable LAN Switch

Alcatel-Lucent OmniAccess™ 6000

Alcatel-Lucent OmniAccess™ AP105, AP124, AP134, AP135

Alcatel-Lucent OmniVista™ 2500 Network Management System

WHY ALCATEL-LUCENT ENTERPRISE

One key point was that Alcatel-Lucent Enterprise could provide networking improvements along with increased number of services, without disrupting the overall operation. Universidad del Pacifico could be trusted to develop a long-term business relationship with Alcatel-Lucent Enterprise as they could offer a comprehensive portfolio of converged voice and networking solutions.

Location: Lima, PERU

Vertical: Education

Number of users: 4200 Students

Deal implementation:

October 2013

Business Partner:

E-Business Distribution Peru S.A. (EBD PERU S.A.)

BENEFITS

⚙ TECHNICAL

The university network is now fully powered over ethernet. Also, all backbone connections are now upgraded to 20 Gbps link aggregation control protocols. Their core switches are now 40 Gbps links to the DMZ, running through a firewall.

Since the implementation, the UP is now covered by 802.11n dual-channel wireless network, and will use the new 802.11ac standard in all new halls.

💻 FINANCIAL

Thanks to Alcatel-Lucent Enterprise's solutions, the university saved $120,000 this year. Two virtual laboratories were created by utilizing the BYOD concept, and thus additional investment was not necessary.

👤 USER EXPERIENCE

Alcatel-Lucent Enterprise's solutions enabled all students and staff members to adapt easily to BYOD by improving their experience

💬 **"To access the learning management platform and virtual desktops with full academic software from anywhere and on any device, and to be able to convert a conventional classroom in a laboratory are invaluable technological facilities for students and teachers in the process of teaching and learning at the Universidad del Pacifico."**

Ugo Ojeda del Arco, Director of Information Management and Technology Innovation.

Alcatel·Lucent
Enterprise