



UNIVERSIDAD DE EXTREMADURA (UEX)



**CONNECTED
CAMPUSES
WORKING
TOGETHER**

Universidad de Extremadura is a public university founded in 1973. The university consists of 19 centers organized across 4 campuses. It has approximately 20,000 undergraduate and graduate students, with a further 8,000 students taking PhD courses, specific degrees or continuous improvement courses. It employs 1,900 teachers and more than 1,000 administrative, technical and services staff.

CHALLENGES

- To install a network based on simplicity, resiliency and automated management, that would provide improved user experience across its 4 campuses.
- To provide storage and virtualization backup between the campuses of Badajoz and Caceres.
- To improve the daily activities of all people on campus.

PRODUCTS AND SERVICES

- Alcatel-Lucent OmniSwitch™ 10K Modular LAN Chassis
- Alcatel-Lucent OmniSwitch™ 6900 Stackable LAN Switch
- Alcatel-Lucent OmniVista™ 2500 Network Management System
- Alcatel-Lucent OmniVista™ 2500 Virtual Machine Manager

WHY ALCATEL-LUCENT ENTERPRISE

The Alcatel-Lucent Enterprise solution was the perfect answer for the University’s needs. Alcatel-Lucent Enterprise could combine the same equipment for both data center and network.

Location: Extremadura, SPAIN

Vertical: Education

Number of users: 28,000 students, 2,900 staff

Deal implementation: April 2014

Business Partner: Telefonica

BENEFITS



TECHNICAL

Universidad de Extremadura now has storage replication between 2 campuses that are 100 kilometers apart.

The University has enhanced visibility and control over virtual machines.

The ability to split user and data center traffic between campuses, using Shortest Path Bridging (SPB).



FINANCIAL

Important cost savings have been made because the solution consolidates the data and storage infrastructure by using Fibre Channel over Ethernet (FCoE) technology.



USER EXPERIENCE

Students have better remote access to the resources around the campus, improving their learning environment.

The students, faculty and employees are provided with better access to storage and applications.



“The new Data Center network enables the IT Department to provide better access to storage and applications to students, faculty and employees.”

David Rodríguez Lozano, IT director, Universidad de Extremadura.