



**SARDEGNA RICERCHE**

The Region of Sardinia set up Sardegna Ricerche in 1985 to promote research, technology transfer, and development of economic knowledge. In addition, Sardegna Ricerche manages and develops the Science and Technology Park of Sardinia, and provides services for small and medium-sized enterprises to support the introduction of new technologies and products.

**CHALLENGES**

- To create a Data Center infrastructure in a star topology structure, with a 20G backbone.
- To enable the usage of access devices with advanced features (10/100/1000 and 40G full-L3 connectivity).
- To set up Power over Ethernet (PoE) for VoIP and Wi-Fi support.
- To achieve network central management.

**PRODUCTS AND SERVICES**

- Alcatel-Lucent OmniSwitch™ 10K Modular LAN Chassis
- Alcatel-Lucent OmniSwitch™ 6900 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch™ 9702 Chassis LAN Switch
- Alcatel-Lucent OmniVista™ 2500 Network Management System

**WHY ALCATEL-LUCENT ENTERPRISE**

Sardegna Ricerche needed a technological solution with a long-term vision, and a partner to ensure continuity and secure technological support over the years. Alcatel-Lucent Enterprise could meet these requirements.

Alcatel-Lucent Enterprise could also meet IETF (Internet Engineering Task Force) technical standards, which are necessary to develop international projects and collaborations.

**Location:** Pula/Alghero - ITALY

**Vertical:** Research and Innovation

**Number of users:** 600

**Deal implementation:** June 2013

**BENEFITS**

 **TECHNICAL**


Sardegna Ricerche has a high capacity and high reliability network (40G full redundant), PoE support for the new VoIP platform and increased hardware reliability.

 **FINANCIAL**

Management and maintenance costs have been optimized thanks to the network standardization of IT practices.

 **USER EXPERIENCE**

All the companies and people using the network now have better and faster access thanks to the ease of user profiling and can work independently outside of the central location.

 **“Our new network infrastructure enables us to deliver advanced technology to researchers, employees and guests so that they can test their innovative ideas. Thanks to Alcatel-Lucent Enterprise, we gave them the possibility to use high-tech tools to share and implement their own projects.”**

Sardegna Ricerche