



A POWERFUL NETWORK SUPPORTING VARIOUS TYPES OF APPLICATIONS

CENTRE HOSPITALIER CARCASSONNE

The new Carcassonne Hospital Center built in the Montredon site, opened in May 2014. It offers a 496 patient-care capacity, including beds and offices over an area of 53,757 m² spread over five levels. The Hospital Centre also manages two nursing homes with a capacity of 290 beds and a 15-patient ambulatory care capacity. It was following the initial successful installation of the EHPAD that Alcatel-Lucent Enterprise was chosen to participate in the Hospital Centre's call for offers.

CHALLENGES

The reconstruction of the new Hospital Center required the implementation of a unified wired and wireless data network capable of supporting a wide variety of applications.

It was also necessary to ensure total control over all access to the internal network, whether wired or wireless.

The reduction in administrative costs was also part of the technical specifications in the call for offers.

PRODUCTS AND SERVICES

LAN Solution and Datacenter:

- Alcatel-Lucent OmniSwitch® 10K Modular LAN Chassis
- Alcatel-Lucent OmniSwitch® 6900 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch® 6450 Stackable LAN Switch

Wireless LAN solution:

- Alcatel-Lucent OmniAccess® AP105
- Alcatel-Lucent OmniAccess® 4550

Management solution for a unified access and security policy:

ClearPass Policy Management System™

Unified Communications Solutions:

- Alcatel-Lucent OmniPCX® Enterprise
- Alcatel-Lucent Mobile DECT
- Alcatel-Lucent OpenTouch® Multimedia Services

WHY ALCATEL-LUCENT ENTERPRISE

The backing of Alcatel-Lucent Enterprise and its partner NextiraOne allowed the Carcassonne Hospital Centre to experiment with the solutions offered prior to their implementation.

Location:
Carcassonne,
FRANCE

Vertical: Healthcare

Number of users:
2,750

Deal implementation:
March, 2014

Business Partner:
NextiraOne

BENEFITS



TECHNICAL

The network is highly available and sufficiently powerful (based on 10 Gigabyte technology) to support numerous applications (patient files, software, office automation and biomedical applications, patient internet access). Supplied by Power over the Ethernet (PoE), 180 Wifi terminals assure complete coverage throughout the five levels of the new building.



FINANCIAL

The Wifi solution is based on central controllers that thereby facilitate operation and reduce costs.



USER EXPERIENCE

Patients can now have internet access in the rooms using their multimedia terminal.



"The Alcatel-Lucent Enterprise solution enables us to manage a wide variety of applications such as managing patient files, office automation applications and biomedical applications. We now have total control over all access to the internal network, both wired and wireless."

Yvon Coumes, IT Manager, Centre Hospitalier Carcassonne.