

CASE STUDY



NEWMAN UNIVERSITY

Founded in 1933, Newman University is a small private coeducational Catholic university located in Wichita, Kansas. The university offers both undergraduate and master's level programs, specializing in medicine and nursing. The university accommodates some 3595 undergraduate and graduate students.

CHALLENGES

Students at Newman University were dissatisfied with the quality of wireless connectivity, particularly in dormitory rooms and the library. Classrooms also needed wireless, starting with the nursing department, where students do all their testing online.

The existing chassis-based infrastructure was end of life, with no potential for growth, and the wireless controller was no longer meeting their needs. They needed more capacity and throughput from the wireless network to cope with the growth in devices.

Meanwhile, the phone system was also increasingly difficult to manage and costly due to a monthly lease on the hardware.

PRODUCTS AND SERVICES

- Alcatel-Lucent Premium Deskphones
- Alcatel-Lucent IP Touch® 4018 Extended Edition
- Alcatel-Lucent OmniPCX® Enterprise Communication Server
- Alcatel-Lucent Emergency Notification Server
- Alcatel-Lucent OmniSwitch® 6900 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch® 6450 Stackable Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniAccess® WLAN Access Points
- Alcatel-Lucent OmniAccess® WLAN Controllers

WHAT MADE THE DIFFERENCE?

Newman University has used Alcatel-Lucent Enterprise products and services over the past 20 years, and has been more than satisfied with the results.

A dedicated sales engineer provides them regular support, allowing the university to stay up-to-date and deploy robust flexible solutions that meet their needs.

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DEPLOYING A FLEXIBLE AND SCALABLE VOICE AND DATA NETWORK FOR LONG-TERM GROWTH

Location: Kansas, USA

Vertical: Education

Number of users: 300

Deal implementation: 2014

Business partner: Dice Communications



BENEFITS



TECHNICAL

The core network infrastructure with converged storage is now a virtual chassis, allowing for future expansion, longer term durability and better manageability. The new system is reliable and can handle both current and future needs.

The new phone system is more flexible and easier to manage, with functionalities such as caller ID, and voicemail to e-mail.



FINANCIAL

The university now owns rather than leases its telephony system, which is proving to be good value for money.

Fewer access points are needed to cover the whole of the university than previously.



USER EXPERIENCE

Staff and students enjoy faster connectivity and better coverage throughout the university campus and dormitories.

The nursing department is able to do all its testing online thanks to wireless connectivity.



“The ongoing support we receive from Alcatel-Lucent Enterprise before and after sale is very important to us. Since the recent infrastructure upgrade, our staff and students complain more about parking spaces than the Wi-Fi. That’s a very good sign, in our book!”

Icer Vaughan, Chief Information Officer, Newman University

