



FULL WLAN
COVERAGE AND
HIGHLY
SECURED
CONNECTIVITY

AL-FARABI KAZAKH NATIONAL UNIVERSITY (KazNU)

Founded in January 1934, Al-Farabi Kazakh National University is the most renowned university in the Republic of Kazakhstan, and recently became the first and only higher educational institution in Central Asia to join the World University Consortium.

18,000 students, graduates and PhD students study at KazNU. They are supported by a highly qualified staff of 2,500 faculty members.

CHALLENGES

KazNu needed to integrate solutions with their existing technology, which is provided by other vendors.

The university wanted to strengthen security to the maximum possible level, while also maintaining privacy for users.

In addition, the previous infrastructure was not scalable, and the university wanted to have options for expansion and upgrading.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 10K Modular LAN Chassis

Alcatel-Lucent OmniSwitch® 9700 Chassis LAN Switch

Alcatel-Lucent OmniSwitch® 6850, 6850E Stackable LAN Switch

Alcatel-Lucent OmniAccess® 4550

Alcatel-Lucent OmniVista® 2500 Network Management System

Alcatel-Lucent OmniVista® 3600 ClearPass Guest Management

WHY ALCATEL-LUCENT ENTERPRISE

KazNU had built an excellent relationship with Alcatel-Lucent Enterprise and Albeta, the business partner. The proposed solutions provided scalability, security, and would easily integrate with the university's system. In addition the partnership with Alcatel-Lucent Enterprise would reduce costs and boost user satisfaction.

Location: Almaty,
KAZAKHSTAN

Vertical: Education

Number of users: 20,000

Deal implementation:
November 2014

Business Partner:
Albeta Kazakhstan

Albeta

BENEFITS



TECHNICAL

KazNu now has full WLAN coverage across the whole campus, which is approximately 20 000 m².

The university has scalable systems in place, allowing for the possibility of future expansion.

Network access for the University's visiting guests is now simpler to provide, and can be reached over any available devices.



FINANCIAL

By providing one point for the security management of both visitors and users, the Total Cost of Ownership has been significantly lowered.



USER EXPERIENCE

All users are better protected by a higher level of secured connectivity.

Visitors have much easier access to the university's resources.



“Al-Farabi Kazakh National University is proud to present our new network, featuring a full line-up of active network control equipment. Our expectations for the ALU products were exceeded, and today we have: an increase in productivity and network uptime, increased levels of fault tolerance, scalability across the network, as well as high levels of information security, and active implementation of cloud technologies. All of these factors have helped us minimize costs, and contribute to the strong performance of our IT infrastructure.”

Mamykova Zhanl, Director, Institute of IT and Innovative Development