

University of Phayao

Connecting more than 20,000 students to network-powered education.

“Now, both university students and staff can access our IT systems faster than before – anywhere and anytime. This is the greatest benefit we get from the high-performing ALE solutions that we implemented.”

Samran Tonpaeg, Ph. D.
Vice President for Planning and Development

The University of Phayao is a government funded university located in Phayao Province in the north of Thailand. The university was originally part of the Naresuan University in Phayao province and became an independent institution in July 2017. The University of Phayao offers 62 Bachelor’s degree programs and 15 Master’s degree program to approximately 20,000 students. The university employs more than 1000 faculty and staff.

CHALLENGES

Education is increasingly reliant on technology to teach and prepare students for the constantly evolving workforce. The University of Phayao wanted to provide faculty and students with reliable and secure Wi-Fi anywhere on campus. They also needed a network that could support the growing number of IoT devices on campus, including CCTV cameras and smart city.

ACTION

The University of Phayao wanted a state-of-the art network to enable outstanding education on campus as well as through its e-learning platform and educational mobile applications.

PRODUCTS AND SOLUTIONS

[Alcatel-Lucent OmniSwitch® 6860E Stackable LAN Switch](#)
[Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch](#)
[Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch](#)
[Alcatel-Lucent OmniAccess® 4650 WLAN Controller](#)
[Alcatel-Lucent OmniAccess AP315 WLAN Access Point](#)
[Alcatel-Lucent OmniAccess AP215 WLAN Access Point](#)
[Alcatel-Lucent OmniAccess AP275 WLAN Access Point](#)

RESULTS

Technical benefits

- ALE Intelligent Fabric (iFab) simplifies operations in the University’s network environment. It also recognises the network protocols and carries out self-configuration such as STP, LAG, OSPF and SPB-M.
- The solution provides complete interoperability with third-party network components enabling the infrastructure to automatically discover and join the existing network

Financial benefits

- The network delivers exceptional value within the university’s strict budget

User experience benefits

- The solution offers reliable connectivity to more than 20,000 users, including students and faculty
- The security and comfort of the university community is safeguarded thanks to network-dependent IoT devices like CCTV cameras and Smart City



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Customer Story

MARKET: **EDUCATION**
 DEAL IMPLEMENTED: **2018**

COUNTRY: **THAILAND**
 NUMBER OF USERS: **20,000+**

COMPANY:
UNIVERSITY OF PHAYAO

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