Education
Customer Reference eBook
The goal of every educator is to establish a strong connection with students. Engage them, and students are excited to learn; immerse them and they become passionate, active learners. Opportunities have never been greater to personalize and deliver digital learning experiences.

ALE education solutions:

• Connect students to interactive, engaged learning
• Connect faculty to create inspirational learning experiences
• Connect educators to empower the next generation

Networking and communications systems are at the foundation of the connected campus, and ours are purpose-built for education. Our platforms leverage the growing trends of mobility and the Internet of Things (IoT) to evolve connectivity in the education sector and enable secure, reliable collaboration between your faculty, students and facilities.

The standard is high, and the challenge for education IT leaders is clear: balance cost, access and performance, and above all else, ensure student safety. Engage ALE to deliver the integrated, connected personalized learning environment that your faculty and students need, at your pace.

Learn more about the Alcatel-Lucent Enterprise clicks here.
After years of declining enrollment, Morgan State University needed to replace their network and communications infrastructure to attract and retain students. They acquired a new high performance LAN, WLAN and IP Telephony platform for what they were paying for maintenance on the obsolete network. Morgan State can now embrace strategies to transform their campus into a next generation digital learning environment.

“The Next Generation Network project is an enabler of Morgan State University’s strategic goals and its mantra...Growing the future and leading the world. This ultra-fast and scalable network will more than adequately support excellent teaching, transformative learning, and innovative research that are hallmarks at Morgan State University. Truly the future has an address and it is here at Morgan State, where we are leading the world with another milestone project."

DR. ADEBISI OLADIPUPO
CIO, MORGAN STATE UNIVERSITY

PRODUCT LIST
- Alcatel-Lucent OmniSwitch® 10K Modular LAN Chassis
- Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch
- Alcatel-Lucent OmniAccess® WLAN Access Points
- Alcatel-Lucent OmniVista® 2500 Network Management System
- Alcatel-Lucent OmniVista 3600 Air Manager
- Alcatel-Lucent OmniAccess Wireless LAN Controllers
- Alcatel-Lucent Premium DeskPhones
West Liberty University delivers an optimal learning experience

To support student success, West Liberty University needed to transform their infrastructure to a Next Generation Digital Learning Environment, that included state-of-the-art Wi-Fi, high performance LAN, and a hybrid telephony system. These investments support the vision for world-class pedagogy as well as the challenges of BYOD.

“We went from having an underperforming network to being a leader in our state for on-campus Wi-Fi. The impact this has on our students and faculty is nothing short of amazing. We couldn’t have done it without ALE and Dagostino.”

JAMES CLARK
CHIEF TECHNOLOGY OFFICER,
WEST LIBERTY UNIVERSITY

PRODUCT LIST

- Alcatel-Lucent OmniPCX® Enterprise Communication Server
- Alcatel-Lucent 4019 Digital Phones, DeskPhones, Premium DeskPhones
- Alcatel-Lucent OmniSwitch 6350 Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniSwitch 6860E Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch
- Alcatel-Lucent OmniAccess 4550 WLAN Controller
- Alcatel-Lucent OmniAccess WLAN Access Points
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent OmniVista 3600 Air Manager
- Alcatel-Lucent ClearPass Policy Manager
Abilene Christian University offers students a greater connected experience at a very low cost

Due to their students escalating demand for bandwidth, Abilene Christian University needed to upgrade their campus Wi-Fi and LAN. Under budget constraints, they were able to successfully leverage some of their existing infrastructure, while upgrading critical segments to meet their goal.

“Alcatel-Lucent Enterprise has been our trusted partner for many years now. They’ve been able to help us solve issues and plan for the future while working within our budget. They consistently enable us to meet our goals without compromising on cost or quality. ACU looks forward to continuing this partnership for years to come.”

ARTHUR BRANT
DIRECTOR OF ENTERPRISE ARCHITECTURE,
ABILENE CHRISTIAN UNIVERSITY

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 6860E
- Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent Enterprise Professional Services
Westchester Community College upgrades to a new robust wireless network that ensures connectivity and security

To address improvements in campus information security, and the desire to transform the campus into a Next Generation Digital Learning Environment, Westchester Community College upgraded their LAN and Wi-Fi - providing a platform for improved security and student satisfaction.

“Our relationship with ALE is built on trust and shared experience. They understand our needs and offer quality solutions to help better serve Westchester Community College’s community and achieve our short and long-term objectives. We know we can count on them.”

ANTHONY SCORDINO
VICE PRESIDENT, INFORMATION & TECHNOLOGY, WESTCHESTER COMMUNITY COLLEGE

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniSwitch 6860 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 6860E Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 9000E Chassis LAN Switch
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent OmniAccess IAP215 Instant WLAN Access Point
- Alcatel-Lucent OmniAccess AP225 WLAN Access Point
- Alcatel-Lucent ClearPass Policy Manager
In order to better serve their community, City College of San Francisco needed to modernize their telephony environment to reduce costs and add features and services, including a campus call center. With no compromise in features or services, they were able to utilize their existing infrastructure and deploy digital, analog and IP phones, while reducing their telephony costs by $400,000 USD per year.

“We are very satisfied with the telephony solution purchased in 2003. With the help of Morse Communications, we continue to capitalize on our initial investment and we’re starting to implement a new generation of Alcatel-Lucent Enterprise phones as well.”

TIM RYAN
TECHNICAL OPERATIONS MANAGER,
CITY COLLEGE OF SAN FRANCISCO

PRODUCT LIST
• Alcatel-Lucent OmniPCX Enterprise Communication Server
• Alcatel-Lucent 8 Series IP Touch® Phones
• Alcatel-Lucent 4059 IP Attendant Console
When Cary Academy opened with the vision to be a school of the future, they focused on the use of technology to improve teaching and learning - unfortunately, the existing analog phone system was inflexible and costly to operate, necessitating the change to a state-of-the-art telephony system.

“The ALE communications solution is everything we need: simple, scalable, and secure. It's the system of today and the system of tomorrow.”

KAREN MCKENZIE
DIRECTOR OF TECHNOLOGY AND INNOVATION, CARY ACADEMY

**PRODUCT LIST**
- Alcatel-Lucent OpenTouch® Business Edition
- Alcatel-Lucent OmniVista 8770 Network Management System
- 8018 DeskPhone
- 8028 Premium DeskPhone
- 8038 Premium DeskPhone
Dallas International School required a scalable solution to support planned growth

Dallas International School (DIS) needed to address chronic issues including handsets going offline without warning, resulting in unreliable service. Time-consuming manual reboots were required every month to keep the system operational. In addition, DIS wanted to increase safety by enabling students and staff to make emergency 911 calls without having to dial 9 to get an external line.

“Reliability of communications is critical in a school environment and our existing infrastructure was failing us. The Alcatel-Lucent Enterprise solution gives us the dependability and scalability we need, while delivering great features like voicemail to email and PIMphony call management.”

DOUGLAS LEE
DIRECTOR OF TECHNOLOGY, DALLAS INTERNATIONAL SCHOOL

PRODUCT LIST
• Alcatel-Lucent OmniPCX Office Rich Communication Edition
• Alcatel-Lucent Premium DeskPhones
• Alcatel-Lucent 8001 DeskPhone
Elkhorn Public Schools' rapid expansion created a strain on both resources and its internal communication system. Maintenance was complex, and users in different buildings throughout the campus weren't able to call one another directly. The district needed to replace the 17 standalone systems with a centrally managed telephony solution. It also wanted to improve safety by equipping all classrooms with a phone.

“After presentations by multiple vendors, Elkhorn Public Schools chose to partner with Alcatel-Lucent Enterprise. As the District moved to a VoIP system, we felt that they provided the most cost-effective solution. Our partnership with Alcatel-Lucent Enterprise has been excellent. We are still discovering all the things this system can provide to meet our needs as we continually add new buildings.”

RYAN LINQUIST  
DIRECTOR OF BUSINESS SUPPORT SERVICES, ELKHORN PUBLIC SCHOOL

Elkhorn Public School unifies a school district with powerful telephony

PRODUCT LIST
- Alcatel-Lucent OmniPCX Office Rich Communication Edition
- Alcatel-Lucent IP Touch 4018 Extended Edition
- Alcatel-Lucent 4019 Digital Phone
- Alcatel-Lucent IP Touch 4028 Extended Edition
- Alcatel-Lucent IP Touch 4038 Extended Edition
Paulding County School District supports e-learning with upgraded wired and wireless solution

The District needed an easy-to-manage solution that could be standardized and deployed across all schools in the district to deliver consistent wired and wireless connectivity. It needed to support in-class devices, such as printers, phones and teacher workstations, and offer reliable wireless connectivity for students and faculty.

“We're progressively putting the solution in place at each of our schools and we've been getting a lot of great feedback. The infrastructure is simple to implement and its benefits are immediate.”

JULIE ACKERMAN
EXECUTIVE DIRECTOR TECHNOLOGY,
PAULDING COUNTY SCHOOL DISTRICT

The full success story
Customer testimonial
Solution video
Customer reference

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 6450-10 Stackable Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniSwitch 6450 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 10K Modular LAN Chassis
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent OmniAccess AP225
Puxico School District updates network to address future needs and facilitate state-mandated testing

The demands of BYOD and state-mandated testing forced Puxico School District to update their 1GB backbone to a higher performing and uniform 10GB core. A robust solution was required that could support a growing number of devices, and that was scalable enough to adapt to future needs. It was critical for the district to install a reliable wireless network in order to carry out state-mandated testing for all students.

“The Alcatel-Lucent Enterprise solution ticks all of the right boxes for us. It’s helped us meet our objectives and has made network management simpler. We look forward to continuing our partnership with ALE USA, inc and NovaCopy.”

DON MCROY
TECHNOLOGY COORDINATOR, PUXICO SCHOOL DISTRICT

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch
- Alcatel-Lucent OmniSwitch 6850E Stackable LAN Switch
- Alcatel-Lucent OmniAccess WLAN Access Points
Middle County Central School District were looking to replace aging equipment that was no longer under warranty and problematic to maintain. They also wanted to upgrade to a highly reliable, long-life infrastructure to improve network speeds and one that would support teacher’s future needs in the classroom.

“We understand that the best network is the one that users don’t notice because it simply performs, able to deal with anything a student or teacher or administrator or IT staffer demands of it. Our previous generation was nearly invisible but there were still some issues due to aging equipment. The Alcatel-Lucent Enterprise solution is taking us to the next level and will help us achieve our future objectives as well.”

VINCENT RAIKOVI, ED. D.
DIRECTOR OF TECHNOLOGY, BUSINESS AND INFORMATION SYSTEMS, MIDDLE COUNTRY CENTRAL SCHOOL DISTRICT

MCCSD upgrades to a reliable infrastructure to support classroom needs now, and into the future

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VINCENT RAIKOVI, ED. D.
DIRECTOR OF TECHNOLOGY, BUSINESS AND INFORMATION SYSTEMS, MIDDLE COUNTRY CENTRAL SCHOOL DISTRICT

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 6450 Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent ClearPass Policy Manager
Pontifical Javeriana University aims to become one of the world’s top universities

Javeriana University wanted to provide access to online tools and learning, and to facilitate BYOD and mobility. The objective was to create a differentiated digital learning environment both in and out of the classroom to deliver best-in-class education.

“What we expect, and for that we count on the partnership with ALE, is the permanent availability of the technology that exists at the time to enable the services that our university community requires from us.”

ING. LUIS FRANCISCO MARTINEZ
DIRECTOR OF INFORMATION TECHNOLOGY, JAVERIANA UNIVERSITY

PRODUCT LIST
- Alcatel-Lucent OmniAccess AP105
- Alcatel-Lucent OmniAccess IAP135, IAP205, IAP 215, IAP 225, IAP 275, IAP 325
- Alcatel-Lucent OmniAccess WLAN Controllers 4650
- Alcatel-Lucent OmniAccess WLAN Controllers 4750
UniCEUB is known for its teaching excellence and continuous program updates based on the latest technological and pedagogical developments in higher education. They required a reliable wireless network to meet the needs of students, faculty and staff. They also required VLAN management and network profile improvement as well as an Inter-VLAN access control with policies. In addition, the university wanted to manage their assets through a unique interface with virtual chassis and stacking.

“The Alcatel-Lucent Enterprise commitment to delivering precision and simplicity in system setup and management enabled us to implement a reliable network, with security policies and high quality of service. With the new solution we were able to autonomously deploy a secure network for 1,500 wired devices and 1,200 simultaneous wireless devices in only 7 days, including VLANs, Access Policies, Network Authentication, Quality of Service and Routing, along with workstations, printers and servers activation.”

CLAUDIO COSTA
INFRASTRUCTURE AND COMPUTER NETWORK MANAGER, UNICEUB

PRODUCT LIST
• Alcatel-Lucent OmniSwitch 6450 Stackable LAN Switch
• Alcatel-Lucent OmniAccess IAP 135
• Alcatel-Lucent OmniVista 3600 Air Manager
• Alcatel-Lucent OmniSwitch 6860
• Alcatel-Lucent OmniSwitch 6900 Stackable LAN Switch

The full success story
Customer testimonial
Solution video
Customer reference
UTS required a robust, high-performance network infrastructure to support their billion dollar campus expansion plan. Wireless access was essential for highly connected students and faculty with multiple devices across campuses and housing developments. The new network can easily handle increased bandwidth requirements and support future system needs.

“Communication and collaboration are core to every part of our business and the use of our Wi-Fi network has been increasing at a rapid pace. At UTS we make heavy use of technology to enrich teaching and learning. We engage with students through social media, video and electronic communications. If we didn’t have a fast, well designed network underpinning all this, it just wouldn’t work.”

PETER GALE
INFORMATION TECHNOLOGY DIVISION MANAGER, UTS

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 10K Modular LAN Chassis
- Alcatel-Lucent OmniSwitch 6900, 6850E Stackable LAN Switch
- Alcatel-Lucent OmniSwitch 6855 Hardened LAN Switch
- Alcatel-Lucent OmniAccess AP135, AP175, AP225
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent OmniVista 3600 Air Manager
An increased use of video for instructional and research purposes, combined with the establishment of a new School of Nursing was placing significantly higher demands on the network. Additionally, student exchange of information was evolving to cell phones, which required a different type of infrastructure. It was important to maintain stable network services while meeting these new requirements and to keep costs in check and predictable over the long term.

“It enables our university to find new ways of saving time and money, and provides a consistent, high-quality user experience across wired and wireless networks. Our network is also prepared for the evolution journey ahead, with the ability to gradually increase mobility and support BYOD. Most importantly, this transformation can be achieved while maintaining the same hardware, therefore protecting our investments. These factors combine to provide a network that is technically robust and economically predictable, making for a sound long-term investment.”

TAKASHI HIRAI
ASSOCIATE PROFESSOR, DEPARTMENT OF JAPANESE LANGUAGE AND LITERATURE, MUKOGAWA WOMEN’S UNIVERSITY

Mukogawa Women’s University provides a seamless network access experience

PRODUCT LIST
- Alcatel-Lucent OmniAccess AP225 WLAN Access Points
- Alcatel-Lucent OmniSwitch 9800E Chassis LAN Switch
- Alcatel-Lucent OmniSwitch 9702E Chassis LAN Switch
- Alcatel-Lucent OmniSwitch 6450 Stackable LAN Switch
Al-Farabi Kazakh National University enjoys full WLAN coverage and highly secured connectivity

KazNu needed to integrate new solutions with their existing technology that would allow them to strengthen their security while maintaining privacy for users. In addition, the existing infrastructure was not scalable, and the university wanted to have options to be able to expand and upgrade.

KazNu now has full WLAN coverage across the whole campus. 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.

“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 ZHANIL
DIRECTOR, INSTITUTE OF IT AND INNOVATIVE DEVELOPMENT, AL-FARABI KAZAKH NATIONAL UNIVERSITY

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 10K Modular LAN Chassis
- Alcatel-Lucent OmniSwitch 6850 and 6850-E LAN Switch
- Alcatel-Lucent OmniSwitch 9700 Chassis LAN Switch
- Alcatel-Lucent OmniAccess 4550 WLAN Controller
- Alcatel-Lucent OmniVista 2500 Network Management System
- Alcatel-Lucent ClearPass Policy Manager
GYB’s Wi-Fi solution brings a new way of working to the whole campus

Gymnase intercantonal de la Broye (GYB) is a secondary school in Payerne, Switzerland. To complement pedagogy improvements, the school needed to provide a high performance, secure Wi-Fi network across the campus, including classrooms and the 300 seat auditorium. The network was installed over the winter holidays allowing GYB to complete the project on time and ensure secure, high performance Wi-Fi access for the entire campus.

“The solution that Alcatel-Lucent put forward offered the best value for money when it came to renewing the infrastructure that was at the end of its life. We were impressed as much by the immediate performance as by the increase in efficiency in the management of the whole campus. Since we implemented the solution a few months ago, we have seen that this infrastructure takes up few resources and is highly reliable. We are delighted with our choice.”

THIERRY MAIRE
DIRECTOR, GYMNASSE INTERCANTONAL DE LA BROYE, SWITZERLAND

PRODUCT LIST

- Alcatel-Lucent OmniAccess 4704 WLAN Controller
- Alcatel-Lucent OmniAccess AP105 and IAP135 Wireless Access Points
- Alcatel-Lucent OmniSwitch 6450 Stackable Gigabit Ethernet LAN Switch
The University needed to migrate to IP technology. In order to improve service for their users they needed to centralize nodes and to redesign the wireless network. They required enhanced localized LAN connections to the different campuses with optimized access and extra bandwidth. The upgraded system access and core are now more efficient and secure.

“Our experience with the IP converged network products and solutions of Alcatel-Lucent Enterprise is very satisfactory and highlights their capacity, reliability and quality-price ratio.”

JAVIER FARIÑAS ALVARINO
COORDINATOR FOR RED AND COMMUNICATION AREA, UNIVERSITY OF A CORUÑA

PRODUCT LIST
- Alcatel-Lucent OmniSwitch 6900, 6450 Stackable LAN Switch
- Alcatel-Lucent OpenTouch Multimedia Services
- Alcatel-Lucent OmniPCX Enterprise Communication Server
University of Balamand (UOB) improves e-learning and cuts TCO by 25%

The university had a segmented network access that caused significant latency and delays in connecting to the course registration and enrollment resources. Network management needed to be upgraded to use all available resources for a holistic and detailed overview and support. A single vendor solution was required.

“As the winning bidder to our RFP project, Alcatel-Lucent Enterprise was able to provide maximum value to the university using the best technology available, student employment, IT training program and consolidation process. We now have established the most cost effective and efficient design for migrating the existing network to scalable and flexible architecture.”

ELIE INATY
ASSISTANT TO THE PRESIDENT FOR INFORMATION TECHNOLOGY, UNIVERSITY OF BALAMAND

PRODUCT LIST
• Alcatel-Lucent OmniSwitch 10K Modular LAN Chassis
• Alcatel-Lucent OmniSwitch 6900, 6850E, 6450 Stackable LAN Switch
• Alcatel-Lucent OmniAccess Wireless LAN Controllers
• Alcatel-Lucent OmniAccess Access Points
• Alcatel-Lucent OmniVista 2500 Network Management System
We make everything connect by delivering technology that works, for your school, college or university. With our global reach and local focus, we deliver purpose-built networking and communications for education environments that enable secure, reliable collaboration between your faculty and students.

Learn more about ALE Education solutions.