

# Networks for Education Facilities

Strengthening student and teacher connectivity





## High-Speed Networks Depend on Reliable Infrastructures

**K-12 and higher education networks depend on leading-edge technologies** to support campus-wide communications, from voice and data to audiovisual, security systems, intercom, and public address networks. A reliable, high-speed network infrastructure is fundamental to ensure today's technologies deliver the level of performance needed to support education goals.

Leviton is dedicated to helping educators keep students, teachers, and faculty connected. From the telecom room to the classroom, we have the fiber, copper, and AV infrastructure solutions to support specific applications and prepare schools to meet future network demands.

And every Leviton installation is supported by responsive technical service and infrastructure experts who know the ins and outs of education IT standards such as TIA 4966 compliance. Add the peace of mind that comes from a limited-lifetime warranty, and you can expect the highest return on your infrastructure investment (ROi™).

### LEADING FACILITIES CHOOSE LEVITON

#### TEMPLE UNIVERSITY

More than 39,000 students choose from 320 academic programs at the university's eight campuses. To prepare Temple University for future education demands, they used Leviton products for their TECH Center, a 75,000 square-foot, state-of-the-art student workspace. Connectivity for this new resource was terminated at 110-style 2RU 48-port patch panels in nearby telecommunications rooms. Temple also wanted to transition their data connectivity standard from Cat 5e to enhanced Cat 6, and deploying high-quality products backed by top-notch support services was a must. Leviton was an easy choice.



## Guarantee Reliable Connectivity Anywhere on Campus

High-speed internet accessed through state-of-the-art technologies is vital to supporting student education at all levels. Whether performing online research, writing essays, or engaging in extra curricular learning, students require greater bandwidth for quick access to the information they need to achieve their goals.

Leviton Cat 6A systems offer the best network performance for schools seeking system longevity, with the highest margin guarantees available. Our UTP systems deliver unmatched reliability across campus, powering the technologies students, teachers, and faculty require.

## Deliver Greater Network Performance to the Classroom

The classroom is the cornerstone of student learning, and it is imperative that students have access to a technology infrastructure that can support today's enhanced learning curriculums. With greater bandwidth, students and teachers can access the information they need, when they need it.

More schools are looking to 10G, 40G, and even 100G Ethernet to deliver the bandwidth teachers and students require. Leviton fiber systems make it easy to migrate to higher speed applications and ensure a school's infrastructure meets the increasing demand for flexibility, scalability, and performance. Trunk cables, harnesses, patch cords, and cassettes are available in laser-optimized multimode, and feature industry-leading 24-fiber MTP® connectors.



## Integrate Technology to Foster Engagement

Convenient connectivity supported by an up-to-date audiovisual network is crucial for any classroom. Sound and video help capture the attention of students so they learn and retain more information. Teachers require access to high-speed data, as well as an array of audiovisual capabilities to help them educate and keep students engaged.

Leviton supports educators and students with a large selection of AV and category-rated connectors and patch cords. Leviton AV Signal Extenders, audio amplification, and in-ceiling connectivity for WAPs create extra flexibility for data and AV networks while providing a clean, low-profile appearance. Leviton wallplates allow up to 6 ports in a single-gang plate and 12 ports in a dual-gang plate, making room for more connections in a smaller footprint. And HDBaseT™ solutions easily extend HDMI®, VGA, and USB signals to the latest devices anywhere in the room, all networked over easy-to-install category-rated cable with no software or programming required.

### **HOLY SPIRIT UNIVERSITY OF KASLIK (USEK)**

USEK is one of the largest universities in Lebanon, educating more than 7,000 students across four campuses each year. When USEK decided it was time for a major voice and data network upgrade, they conducted their own testing of Leviton connectivity. USEK concluded that Leviton Cat 6 UTP solutions consistently delivered better performance margins, and deployed 200 Cat 6 drops and 60 OM2 fiber connections. USEK completed the project with a campus-wide, laser-optimized, multimode fiber (OM4) 40GbE backbone network. Using Leviton OM4 Fiber Cable, Opt-X 500i Fiber Panels, LC connectors, LC cords, and cable managers, USEK efficiently connected all campus buildings within three months.

### **CALIFORNIA STATE UNIVERSITY MONTEREY BAY (CSUMB)**

In 2014, CSUMB broke ground on the first building on campus to use a Cat 6A intelligent system. CSUMB chose the Leviton Intact™ Intelligent Port Management solution, supported by Leviton Atlas-X1™ connectivity, to provide accurate reporting and optimize network maintenance. Now that it's complete, CSUMB students and faculty can take advantage of 10GBASE-T network performance. Plus, the new building sets the standard for future facilities, paving the way for a high-performing, intelligent network campus wide.

# THE SMART CHOICE FOR A BETTER NETWORK

High-performance connectivity backed by  
the industry's best service and support

We invent the industry's best technologies. We build them to last. And we stand behind every product and every installation – delivering industry-leading performance and unbeatable service and support – throughout the life of your structured cabling system. Add in the peace of mind that comes from working with a stable, century-old supplier, and you get far and away the highest return on infrastructure investment.

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