



Powering and Connecting Your World



Providing a Stable Foundation

For College Station Independent School District

“Anything that plugs in goes through me—computers, laptops, tablets, projectors. For all that to work, we have to have a stable foundation.”

David Hutchison
Director of Technology, College Station Independent School District
College Station, Texas



Customer

College Station Independent School District (CSISD), located in College Station, Texas, includes 18 schools with more than 13,000 students in kindergarten through twelfth grade.

Background

The need for network stability and availability is essential to the learning process in CSISD schools. The district has a strong Bring Your Own Device (BYOD) program for students and plans to double its available bandwidth for the 2018-2019 academic year. Like most school districts, CSISD has a finite budget and seeks to maximize the value of every expenditure.

David Hutchison, Director of Technology for CSISD, is responsible for keeping the classrooms connected. As he explains, “Anything that plugs in goes through me—computers, laptops, tablets, projectors. For all that to work, we have to have a stable foundation.”



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Director of Technology, College Station Independent School District

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Challenges

- **Power & Protect IT Equipment:** Ensure the district’s IT infrastructure has stable, regulated power with battery backup.
- **Cool Improvised Spaces:** Cool IT equipment in areas not designed for server racks.
- **Consolidate Monitoring & Management:** Offer a convenient way to monitor and manage IT equipment.
- **Support the Sale:** Provide comprehensive customer support.

Power & Protect IT Equipment



Tripp Lite SmartOnline UPS systems provide the highest level of power protection.

Technology is quickly transforming traditional K-12 classrooms into network environments. These connected classrooms require school districts to provide students with uninterrupted access to high-speed networks. CSISD is no exception. The district relies on Tripp Lite SmartOnline[®] UPS systems to keep switches and other IT equipment powered and protected. According to Hutchison, Tripp Lite UPS systems provide “a rock-solid foundation” for the district’s network. This network stability allows classes to proceed without interruption. “We want to make sure that the children are able to focus on learning and what the teacher is doing and not on the technology,” explains Hutchison. “And Tripp Lite has taken care of that for us.”

Cool Improvised Spaces

Some CSISD schools were built long before the concept of the connected classroom. These buildings lack the design elements needed for a modern IT infrastructure, which forced administrators to repurpose less-than-ideal areas to house network equipment.

“We were having a problem with small closets. [The closets] didn’t have air conditioning, [and] we weren’t able to vent,” explains Hutchison. “We needed to have some kind of cooling solution to take care of all that.”

Tripp Lite recommended a self-contained, space-saving solution: an air-conditioning unit that installs on a wall-mount rack. Specifically designed for IT environments, the unit does not require plumbing or special circuits, allowing the district to avoid expensive renovations. Hutchison is pleased with the outcome: “Tripp Lite created a solution that would best fit our environment. It’s doing exactly what we want it to do.”



Tripp Lite’s SRCOOL2KWM provides 2,000 BTU of air conditioning for wall-mount rack enclosures.

Consolidate Monitoring & Management

Tripp Lite’s web management cards turn a compatible UPS system, PDU or cooling unit into a managed device on a network. Used in conjunction with power management software, web

management cards allow IT managers to monitor and control power for hundreds of devices from a single interface. As Hutchison explains, “Monitoring and management of all of the systems out there is critical and having the ability to do it in one single platform, so we’re not checking multiple screens and multiple web browsers, is key.” For instance, Hutchison can check the status of any UPS system on the network from his office computer. This centralized power management reduces the need for on-site visits from IT personnel, saving time and money for the school district.



Tripp Lite’s WEBCARDLX provides remote management of compatible UPS systems and PDUs.

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Support the Sale

Changing technology, faster network speeds and an increase in users all place demands on network infrastructure and create new challenges for school districts. Fortunately, Tripp Lite is there with support and solutions. “We’ve stayed with Tripp Lite because they seem to care,” says Hutchison. “They constantly come back and ask, ‘What do you need from us? What could work better?’...[The] service after the sale—the customer support—it’s been wonderful.”

The support after the initial sale makes each Tripp Lite purchase a great investment for budget-conscious school districts. “Post sales is huge to me because we’re a school district, so we’re always watching the dollar,” explains Hutchison. “When I spend money with you, I want to know that you’re with me, and you’re going to be with me.” With Tripp Lite, IT administrators can enjoy peace of mind, knowing they have the support of a trusted manufacturer.



Charlie Neel, Tripp Lite Territory Channel Manager – Texas, works with Hutchison to keep CSISD classrooms connected.

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Results

Tripp Lite identified solutions to enhance the stability of College Station Independent School District's IT infrastructure.

- **Power & Protect IT Equipment:** UPS systems keep the network operating without interruption, allowing students and teachers to concentrate on the day's lessons.
- **Cool Improved Spaces:** Cooling units help prevent equipment from overheating in small IT closets to support the goal of 100% availability.
- **Consolidate Monitoring & Management:** IT administrators remotely monitor and manage Tripp Lite equipment, reducing the need for on-site visits. A single platform facilitates monitoring without the hassle of checking multiple screens and web browsers.
- **Support the Sale:** Tripp Lite regularly checks in with CSISD, making sure the district has everything it needs to support its network.

Solutions

Tripp Lite worked with a local partner to fulfill the school district's orders, providing products backed by Tripp Lite warranties and first-class customer service.

SmartOnline UPS Systems

SmartOnline UPS systems provide the highest level of power protection for mission-critical equipment.



- SU1500RTXLCD2U** 1.5kVA On-Line UPS System
- SU2200RTXLCD2U** 2.2kVA On-Line UPS System
- SU6000RT4UTF** 6kVA On-Line UPS System
- WEBCARDLX** Web Management Card

- True on-line, double-conversion operation delivers pure sine wave output, isolating critical and sensitive systems from the harmful effects of blackouts, brownouts, overvoltages, spikes and line noise
- Zero transfer time to battery ensures equipment is continuously protected
- Remote management reduces on-site visits; requires either built-in or optional network card

PDU's

Switched PDU's give IT staff the ability to control individual outlets over the network.



- **PDUMV20NET** 1.9kW Single-Phase Switched PDU
- **PDUMH20ATNET** 1.9kW Single-Phase ATS/Switched PDU

Close-Coupled Cooling Units

SmartRack® cooling solutions provide powerful cooling in a compact footprint. IT staff can install most models without outside assistance and manage the units over the network like other IT resources.

- SRCOOL2KWM** 2,000 BTU Cooling Unit for Wall-Mount Racks
- SRCOOLNET2** Web Management Card
- SRCOOL12K** 12,000 BTU Portable Cooling Unit

- Units deliver cold air near the IT heat load to help prevent recirculation of warm air
- Built-in evaporators prevent condensation from accumulating, eliminating the need for a water collection tank or floor drain
- Remote management reduces on-site visits; requires optional network card

Other Equipment

- **SR42UB** 42U SmartRack Rack Enclosure
- **SU6000XFMR2U** 6kW Step-Down Isolation Transformer
- **N002-Series Cable** Cat5e Molded Patch Cable

Learn more about Tripp Lite solutions at tripplite.com.

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