

## Application Note – Education

### —Overview

The Education market segment comprises many types of institutions from public and private colleges and universities to elementary, secondary and technical schools. While these organizations may vary in size and number of locations, they all share a growing dependence on technology and IT infrastructure.

### The Challenge:

Educational institutions and universities face some unique challenges in IT and network equipment management. Universities often have multiple data centers, labs, and equipment closets located across a campus in multiple buildings. In addition, there are often heating/cooling, security, and phone equipment which also needs to be managed. These diverse pieces of equipment can be in different locations around the school as well as at satellite campuses, but they are often managed by a central support organization. The students and staff depend on this infrastructure, and administrators

must minimize downtime. In some cases technicians have even used golf carts to quickly respond to problems and access equipment on site, but this practice can be expensive and time-consuming.

### The Solution:

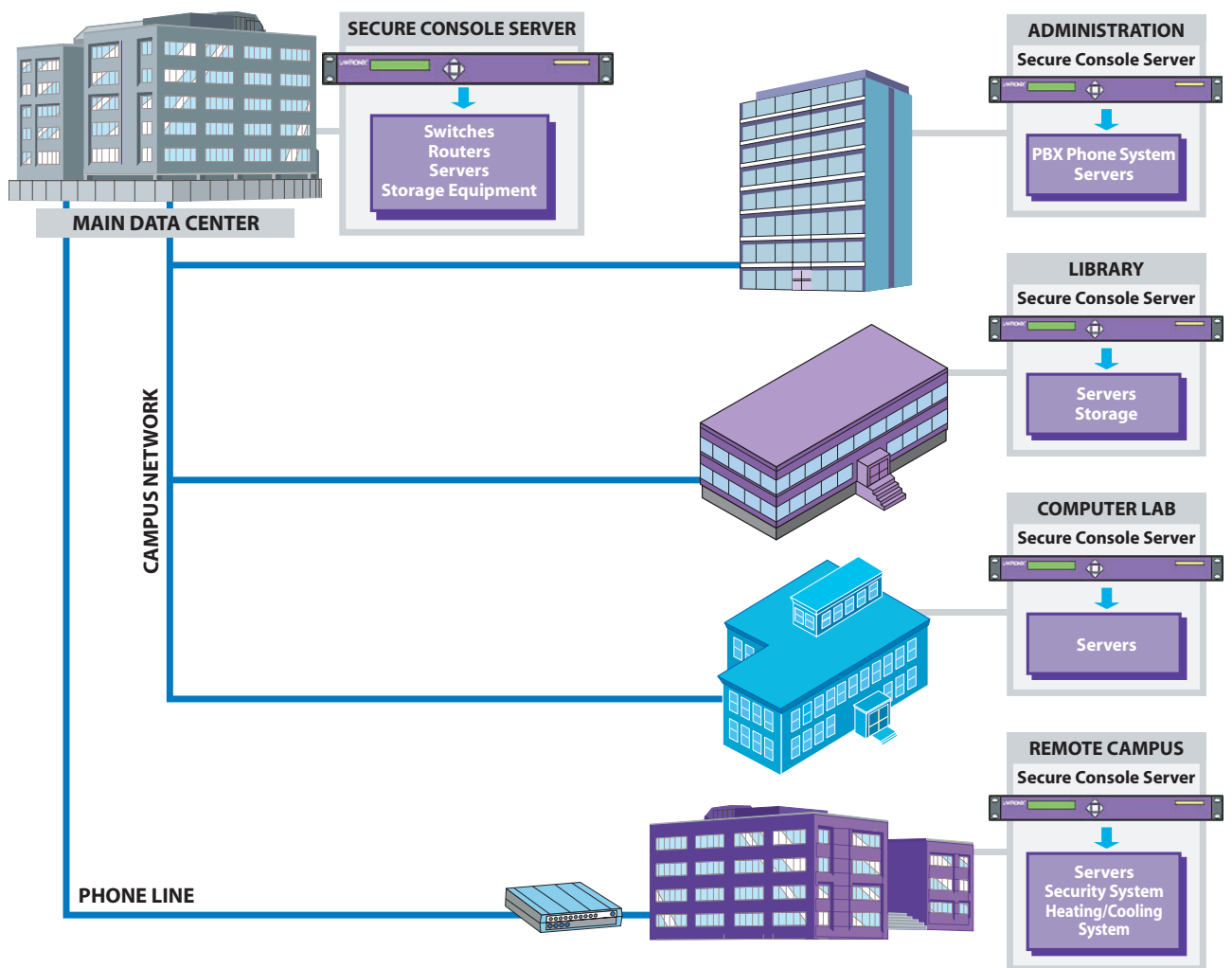
Lantronix Secure Console Servers provide a perfect solution for remote access and troubleshooting for schools, colleges, and universities. These products allow secure connections to IT equipment from anywhere at anytime.

### Key Features for the Education Market:

- In-band (Ethernet) access for buildings at the main campus or out-of-band (modem) access for satellite campuses.
- Security – Authentication and encryption protect the school's resources and records.
- Complete Range of Products – Densities range from 1 to 48 ports to provide the perfect solution for any size facility.

### The Benefits:

- Save money: many problems can be resolved remotely without sending a technician on-site
- Saves time: response time is shortened, improving efficiency
- Consolidates management: anything with a serial port, including heating/cooling, building access, and even laboratory equipment can be remotely accessed with the same system



# LANTRONIX®

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