

LANTRONIX®

INDUSTRY:

Medical & Connected Healthcare

Brooklyn Hospital chooses
Lantronix Remote Management Solution



Out-of-Band Solution Empowers IT Team to Manage 10 Sites

Success Highlights

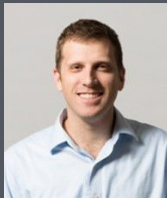
- Centralized, out-of-band network management
- Easier remote deployment of Cisco networking gear
- Locally stored configuration files
- Reduced need to physically visit remote sites

Case Study Overview

Founded in 1845, The Brooklyn Hospital Center (THBC) is the oldest hospital in Brooklyn, New York. This independent community hospital provides health services, education and research to millions of New Yorkers via its 464-bed hospital in Brooklyn as well as family health centers, medical practices and ambulatory care sites in Brooklyn, Manhattan, Staten Island and Queens.

THBC chose Lantronix's out-of-band solution for centralized, network management, remote deployment of networking gear and to enable local access to and storage of configuration files.

“Lantronix Out-of-Band solution has given us remote access to monitor and control our network resources from virtually anywhere. Before we deployed Lantronix's solution, we had to physically go to each site to resolve issues.”



– Shane Froebel
Associate Director of Technical Services
The Brooklyn Hospital Center

CHALLENGE: Lack of Ability to Remotely Monitor and Control the Network

Shane Froebel, the hospital's associate director of Technology Services, was challenged with trying to keep the hospital's network infrastructure up and running at its 10 sites while having limited access to the various sites. In fact, during Covid facility lockdowns, non-medical staff including the IT team were prevented from entering patient facilities, so they had no access to networking equipment at the remote sites.



Lantronix LM83X Console Server

Lantronix's LM83X is a modular, scalable platform designed to act independently from the network to remotely monitor, manage and control from 8 to 104 devices. Connectivity options include dual Ethernet management, an SFP port, modular out-of-band modem options and three expansion bays for serial and dedicated Ethernet connections. It includes dual power inputs and a managed power supply.

For more information, visit
<https://www.lantronix.com/products/lm83x/>

SOLUTION: Lantronix's Out-of-Band Solution for Centralized Network Management

Froebel needed to find an out-of-band management solution that would enable remote management of the hospital's network infrastructure, including remote deployment of network gear and provide access to locally stored configuration files. The solution needed to be compatible with the hospital's existing Cisco networking equipment.

Froebel chose Lantronix's LM83X Console Server with Control Center, high density serial expansion modules, dedicated Ethernet modules and LTE modems. Compatible with the hospital's Cisco networking equipment, Lantronix's out-of-band solution enables Froebel and his team to manage the network infrastructure at all 10 locations from their desks at the main campus, from remote locations after hours or even while they are on vacation.

“Getting around Brooklyn is a huge issue. Now with Lantronix's out-of-band solution, we can remotely manage all our sites without the need to spend time and energy physically going to each site.”

– Shane Froebel

RESULTS: Lantronix Delivers Automated Network Management

With Lantronix's out-of-band management solution, the hospital gained out-of-band network management, including:

Real-time Monitoring and Management

The Lantronix Control Center's Web-based solution provides real-time network monitoring and management and is compatible with the existing Cisco networking gear.

Remotely Managed Switch Upgrades

Froebel and his team can remotely implement switch upgrades in- or out-of-band. Using the LM console enables them to see the network status and anticipate any issues in real-time.

Remote Management via Lantronix Control Center

From virtually anywhere, Froebel and his team can log in to remotely monitor and control the network infrastructure independent of the network itself.

Locally Stored Configuration Files

Froebel and his team can easily access locally stored configuration files on the LM83X, saving slow downloads to remote devices.



Lantronix Control Center

The Lantronix Control Center enables out-of-band management by providing a centralized point of control for all Lantronix LM Series console servers and through this, of managed devices deployed throughout the distributed IT environment.

With its Web-based graphical user interface (GUI), the Control Center puts IT administrators in control of real-time data to easily manage, configure, and control all connected network devices and servers.

<https://www.lantronix.com/products/control-center/>

About Lantronix

Lantronix Inc. is a global provider of secure turnkey solutions for the Internet of Things (IoT) and Remote Environment Management (REM), offering Software as a Service (SaaS), connectivity services, engineering services and intelligent hardware. Lantronix enables its customers to accelerate time to market and increase operational up-time and efficiency by providing reliable, secure and connected Intelligent Edge IoT and Remote Management Gateway solutions.

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