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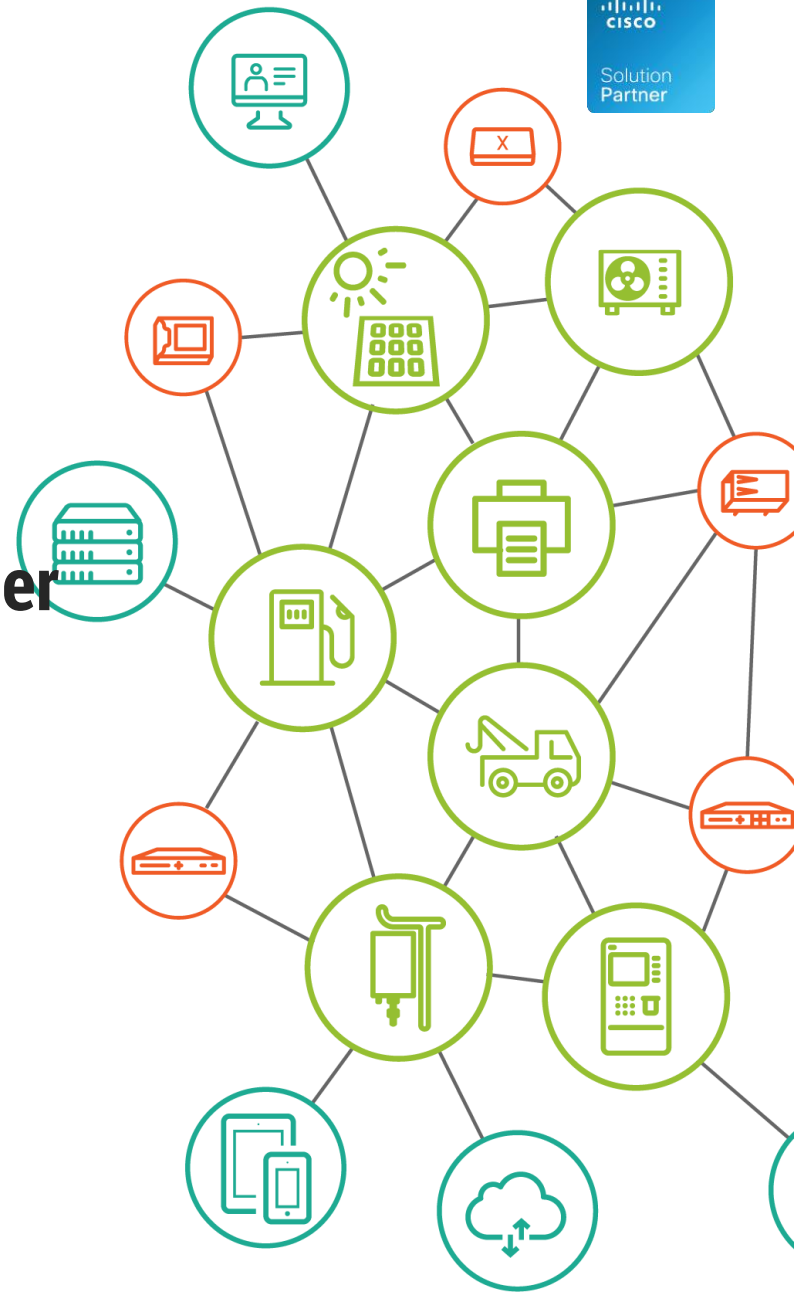
CONNECT SMART. DO MORE.

SLC 8000 Console Manager

Advanced Modular Console Manager



Lantronix SLC 8000 Console Manager

Future-Proof Your IT and Test Lab Infrastructure

Lantronix SLC 8000 is industry's first advanced modular console manager that provides secure and robust remote access to IT equipment with user-swappable RS-232 and high density USB port modules, allowing for easy, cost-effective upgrades and deployment in the data center and test lab environments.

Trusted by Fortune 500 companies for their remote infrastructure management needs.

Front View

Back View (16-Port RJ45, 16-Port USB model shown)

Why SLC 8000?

MOST COMPATIBLE USB SOLUTION

Only console manager in the market today that is compatible with Cisco, HPE, Brocade and other leading manufacturers' USB switches and routers.

REDUCE DOWNTIME WITH 2X* PERFORMANCE

Able to handle up to 15 users per port simultaneously and 396 concurrent sessions per console at full line rate, SLC 8000 delivers 2X the performance than most competitors.

(*Compared with Raritan, Digi, OpenGear)

SCALABLE & FLEXIBLE MODULAR DESIGN

With a modular chassis, the SLC 8000 is the only console manager that allows IT admins to easily and quickly configure with "mix and match"

16 port USB and RS-232 modules up to 48 ports.

Increase your CAPEX ROI!

EASIEST TO DEPLOY

Intuitive UI and built-in help menu features allows busy IT administrators to quickly deploy SLC 8000 – you may never have to crack open a user guide.

SLC 8000 Overview

What is it?

- Lantronix SLC 8000 is a line of advanced modular console managers with flexible port configurations that enables secure remote management of IT equipment in data centers and test labs.

Who is it for?

- For IT managers, System and Network Administrators looking to centrally manage remote equipment and to quickly respond to system disruptions.
- For Quality and Test Engineers looking to access lab network equipment from their desks to conduct automated tests.

This means what?

1. Reduce downtime and mean time to repair (MTTR)
2. Simplify data center deployments, expansion and customization
3. Monitor, manage, and troubleshoot even if the network is down
4. Lower total cost of ownership (TCO) and minimize capital expenditure
5. Maximize product testing productivity and efficiency on shared testbeds

How does it work?

- With a 1U form factor, it fits into a standard 19 inch rack connecting to RS-232 and USB console ports of IT infrastructure equipment.
- Via a browser-based UI or CLI (command line interface) one can securely configure and monitor attached IT equipment.
- Via a management platform, Lantronix vSLM, one can management geographically distributed Lantronix appliances including SLC 8000.

Markets

- Information technology
- Banking and finance
- Manufacturing
- Hospitality
- Education
- Insurance
- Retail

End Users

- Network engineers
- Network administrators
- QA/Test engineers
- System administrators
- IT administrators
- Facilities manager

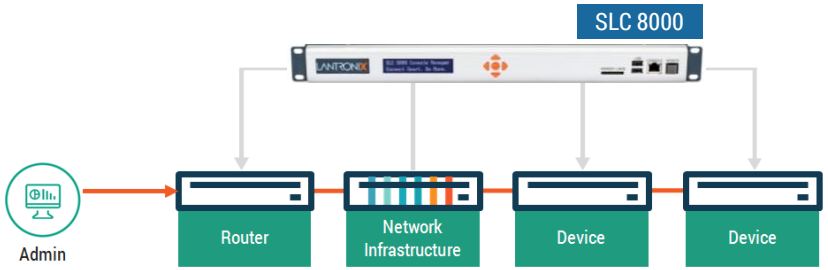
Pain Points & Solution

Challenges for Customer	Impact to Customer	Lantronix SLC 8000 Solution
Limited time for setup and configuration	Time consuming deployment, manual intensive, potential errors	Quick network set-up and customization using front keypad and LCD panel right out of the box **ZTP** to simplify the process even further
Ready to support arrays of equipment with USB console ports?	Limited to using older generation equipment, unprepared to support modern equipment	High density RS-232 (RJ45) and USB console port support with **modular design**
Prepared for unexpected network outage with limited or no on-site maintenance staff?	High truck rolls, potentially increased downtime revenue loss, data loss, service integrity risk, unhappy customers	PSTN allowing emergency access via phone line, or cellular access via external gateway- **OOBM**
Cannot organize the rack with so many rolled cables and adapters, which also incur additional cost?	Unorganized rack space, additional cost, additional part numbers to order and stock for deployment	**Software selectable** device port pins (DCE, DTE) eliminating cable clutter and organized rack space
Have no live visibility to on-site IT equipment	Need to manually monitor for problems, events, data, or get notified too late	Real time event notifications and alarms using email triggers and syslogs – **extensive Reporting / key strokes logging**
My PDU software is not adequate need a better solution	Poor PDU management increases downtime, equipment problems, and energy costs	Support for over 140+ PDU and UPS vendors and 1000+ models - **RPM**

Functional View

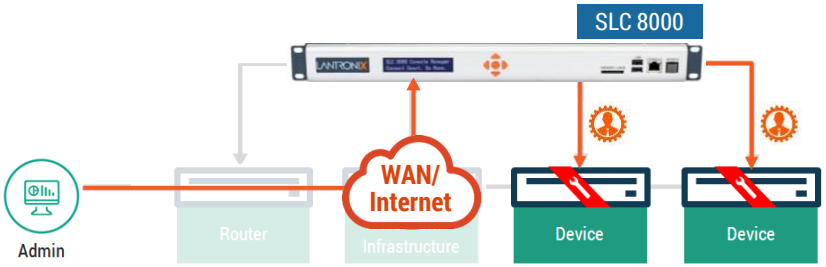
Network Topology

- Typical network environment with devices connected to router and network infrastructure.



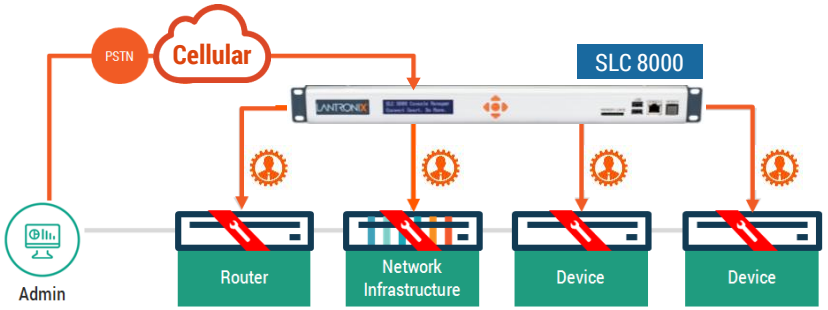
Using the Network

- When devices fail and/or lock up and need repair and/or power cycling, SLC 8000 uses the network to access and repair your devices



Out-of-Band

- If there is network outage/failure, SLC 8000 uses PSTN or cellular (optional) to access and repair your devices and network

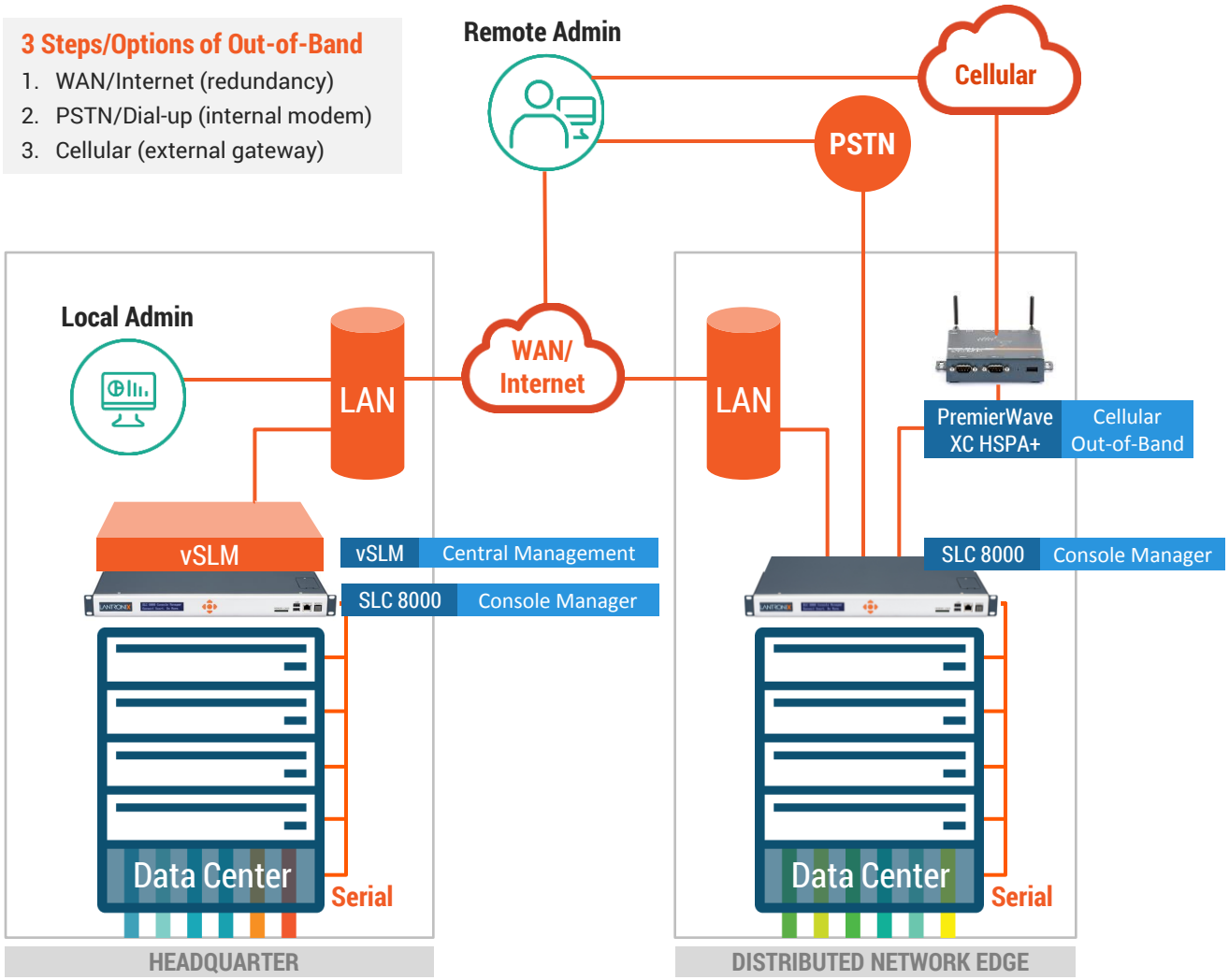


Typical Deployment Diagram

Customers include:

3 Steps/Options of Out-of-Band

1. WAN/Internet (redundancy)
2. PSTN/Dial-up (internal modem)
3. Cellular (external gateway)



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Key Questions

1. Do I have 24/7 visibility and access to my equipment?
2. Do I have a simple consolidated point of access?
3. How will I overcome truck rolls and budgeting challenges?
4. Do I need to consider modular approach to justify ROI to my management?
5. What is my out-of-band connection method?
6. Is my remote management solution secure?
7. Is my remote management solution scalable and flexible?
8. Do I need to account for legacy equipment as well as new?
9. How does my implementation perform with the demand is high?
10. How do I accommodate multiple users needing to access single device?