



## Reducing the costs of on-site visitors in your Data Centers, Out-of-Band in every rack

### Insight:

All modern data centers are constructed with a high regard for physical security and efficiency. Nevertheless, there is an ongoing cost to the operation for each visitor entering the site: this expense can be mitigated by using secure remote access solutions from Lantronix providing benefits for data center operators and customers alike. One should consider Lantronix out-of-band Remote Environment Management products in these situations.



*SLC™ 8000 Console Manager*



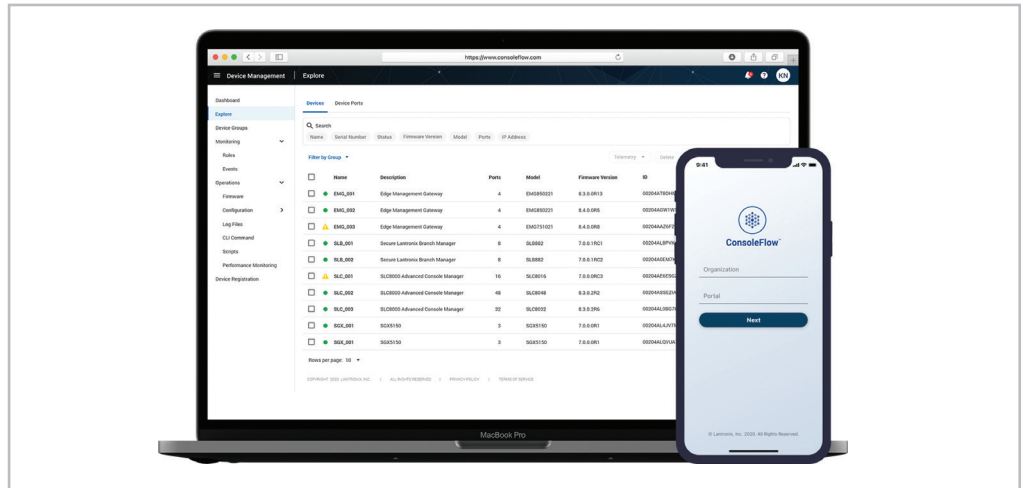
## SLC™ 8000 Console Manager

As part of our Remote Environment Management product line, this out-of-band console manager provides resilience and intelligence across all deployments. Our solution provides secure access to IT equipment with RS-232 and USB console, while minimizing deployment headaches and time.

### The Problem:

**Consider the following Security Check List together with the associated costs and heightened risks.**

- 💰 Parking lot entry control, rising bollards, bomb detection (guards with mirrors to check underneath vehicles for explosives, or portable bomb-sniffing devices).
- 💰 Provision of extra car parking spaces.
- 💰 Authentication at the outer door. Security control centre system staffing costs.
- 💰 After initial entry there need to be further detailed identification checks (official ID documents, biometrics, logging) before an access proximity card is issued. What is this visitor bringing into the building? Search and inspections may be required. Food, drink, cameras, communication devices, or strange memory sticks.
- 💰 Data area access: CCTV, no tailgating, proximity access card equipment, full height turnstiles.
- 💰 19 inch rack access: Individual racks access by visitors should be only to authorized equipment. Requires monitoring, control, and logging.
- 💰 Extra staff to host visitor within the data center for most secure areas, there should be no strange packets or communication devices left behind. No straying in to unauthorized areas.
- 💰 Lots of cameras: Administration cost CCTV recordings (even with motion sensing recording for all parts of the building).
- 💰 Provision of restroom facilities for visitors, security screening for service staff.
- 💰 Checks to make sure that there is no unauthorized removal of equipment.
- 💰 Check that the visitor has actually left the site and signed out correctly.



## ConsoleFlow™ Management Platform #5

### A feature-rich product portfolio with centralized asset management

Utilizing a full stack approach, from data collection through control, empowering our customers to get to market quickly with complete solutions.

Analytics, insights, predictions, and automation enable our customers to focus on business logic, and operational efficiency to drive successful outcomes.

## The Solution:

To reduce the footfall in your data center use an SLC™ 8000 advanced console server integrated with ConsoleFlow™ centralized management software. Give users the option **not** to go to site.

Security is paramount, the SLC 8000 console server is FIPS 140-2 certified and provides remote console access for up to 48 ports. This will significantly reduce the time-to-resolution for solving problems, cutting out the need for local personnel to find and connect to equipment console ports. No need to go on site.

The SLC 8000 console manager integrated with ConsoleFlow management platform provides a single pane of glass to view and control your devices. ConsoleFlow provides:

### OPERATIONS

- Aggregated directory status view of all devices and ports.
- Search and create device groups for OTA operations.
- Secure Remote Access to edge connected devices.
- Log file and device configuration backup.

### AUTOMATION

- Zero-touch provisioning for firmware and configuration updates.
- Device telemetry data monitoring for event-driven notifications.
- Create and run Python scripts for automated NetOps management.

### CONTROL

- Administer and manage portals, tenants, users and services.

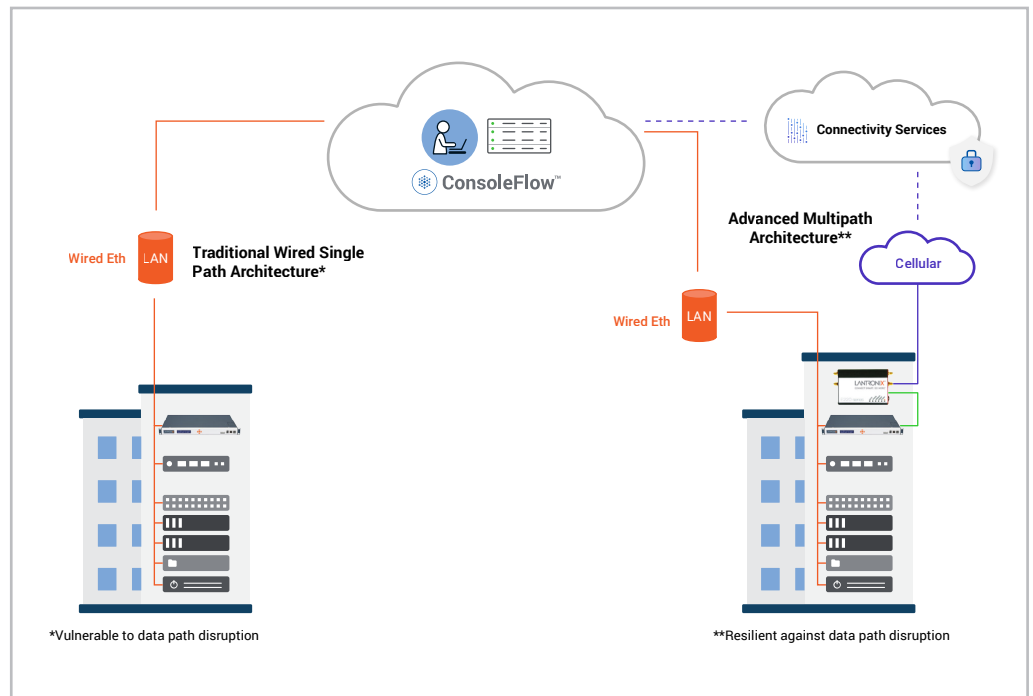
## Remote Environment Management Solutions

The SLC™ 8000 also has an included free Remote Power Management (RPM) function which allows remote control of multiple PDU or UPS equipment. Over 140 different vendors are supported, the connection can be; SNMP, Network, RS232 serial, or USB. RPM allows users to remotely restart or cold boot equipment without having to go on site.

The SLC 8000 is unique in that it supports both RS232 and USB console ports and is modular so it can expand to meet requirements without having to modify the rack.

Data center operators can provide the SLC 8000 console manager as part of the DC facilities like power, cooling, security, etc.

**Reduce footfall – save money – increase security – decrease risk – increase customer satisfaction.**



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