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Virtual Secure Lantronix Management

SIMPLIFY MANAGEMENT OF YOUR IT EQUIPMENT AND YOUR ENTIRE NETWORK INFRASTRUCTURE

The vSLM 2 Secure Management Software is a “master control center” that seamlessly integrates equipment connected by console servers, KVMs and remote power managers.



Powerful Centralized Management Tool

Due to increasing demands of modern day operations, required network infrastructure and power solutions continue to grow along with the number remote management devices. With Lantronix’s vSLM 2, IT professionals gain quick access to Lantronix and non-Lantronix devices for centralized remote management along with the capability to receive alert notifications so there is peace of mind. Through this single point of access and common interface, the vSLM 2 enables administrators to easily and efficiently access equipment anywhere in the enterprise with just a few mouse clicks or via command line interface (CLI) for troubleshooting, diagnostics, recovery and more.

Consolidated Access and Authentication



The vSLM 2 simplifies administration by offering multiplatform client access through a standard web browser for a single point of consolidated access with simplified views to OOB management devices and attached equipment. This centralized authentication minimizes administrative burdens. Additionally, since user account information is maintained in one place, there is no need to maintain separate user-names/passwords for each management device. Users can also be remotely authenticated using LDAP, RADIUS, NIS, Kerberos and TACACS+.

Simplified and Bulletproof Security



The vSLM 2 helps IT departments adhere to corporate security policies. As a proxy between administrators and OOB management devices, access is well defined and easily controlled, particularly where access is required outside a firewall or NAT-based router. Users are only allowed to access the devices and attached equipment with granted access specific rights for read-only or read/write access and provisions for remote authentication. To ensure accountability, user access audit logs maintain a record of login success/failure, user login/logout and port open/close activity. Whether connecting via a web browser or a command line (CLI), 128-bit encryption (SSL/SSH) ensures secure connections to the end-user equipment along with strong authentication.

vSLM Highlights

- Consolidate management of IT infrastructure from a single pane of glass
- Gain secure central point of access to Lantronix and non-Lantronix equipment (vendor-neutral)
- Minimize equipment downtime and Mean Time To Repair (MTTR)
- Dynamically discover devices on local or remote subnet
- Minimize total cost of ownership and administrative resources
- Search for managed devices and target devices with a simple hierarchical view
- Virtualized (VMware® compatible) central management software for convenient deployment

Reduced Operating Costs

Streamlining overall operations reduces administration and maintenance costs. With consolidated remote access, network administrators can quickly isolate and access problem equipment. This can minimize the impact of system down time and improve employee and company productivity. Additionally, the vSLM 2 reduces total cost of ownership for data center equipment. Automated firmware deployment tools also reduce time and labor.

Advanced Feature Set

For quick and easy setup, Auto Discovery finds device and port assignment, eliminating the time-consuming task of manual configuration. Auto Discovery supports Lantronix Discovery Protocol (LDP) for SLC Console Servers and SNMP for all other devices. With the click of a button the SLC Update tool automates firmware deployment to console servers. All console messages are captured and stored to the internal hard drive, providing secure and permanent storage. Console logs may be conveniently accessed through the web interface. System configurations can also be saved and restored, providing rapid recovery of inadvertent configuration changes and peace of mind. Dual Ethernet adapters provide connection to OOB management devices on the network, while remote users connect through another, providing greater security.

Features and Specifications

System Capacity

- Supports thousands of managed devices (dependent on server specifications)
- Supports 25 simultaneous users by default (optional to increase number of users)

VMware Compatibility

- ESX
- ESXi
- Workstation

Minimum Hardware Requirements

- 3.0Ghz or faster single core speed
- RAM: 2 GB
- Disk Space: 60GB
- Ethernet: 1 Bridged

Distribution

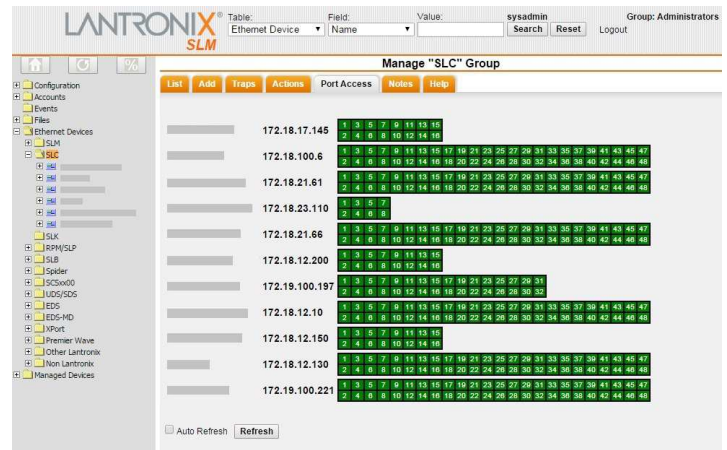
- Available for download at www.lantronix.com/vslm
- Activation required on trial version for perpetual license
- Compressed & zipped OVF & VMDK distributions available

Trial Period

- Fee 30-day trial (extended upon request)
- License activation required after trial expiration

Web-Browser Interface

- Intuitive web-browser interface for easy use



The screenshot shows the Lantronix vSLM web interface. At the top, there's a navigation bar with 'LANTRONIX SLM' logo, search fields, and user information (sysadmin, Administrators). Below is a sidebar with a tree view of configuration options like Configuration, Accounts, Events, Files, Ethernet Devices, SLM, SLC, SLCX, SLCB, Spider, JCSx00, LDCS00, JEDS, JEDS-MD, JPort, Premier Wave, Other Lantronix, Non Lantronix, and Managed Devices. The main area displays a table titled 'Manage "SLC" Group' with columns for List, Add, Traps, Actions, Port Access, Notes, and Help. The table lists several IP addresses (e.g., 172.18.17.145, 172.18.100.6) and their corresponding port configurations (e.g., 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47).

Web Interface

- Interactive web interface requires no special software.
- Authenticated users only have access to authorized devices.
- Built in SSH Web Client provides secure access.
- Console messages logged for audit and control.

Part Number

Description

VSLM-02	Secure Management Software License
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