



SOTI MOBICONTROL FOR LINUX

Linux® is everywhere – from server rooms, to a whole host of business-critical devices and endpoints in the field, including laptops, kiosks, RFID readers and many other diverse form factors. Linux can be found in configurable open architectures, or in the form of closed or customized distributions in embedded devices. SOTI MobiControl reduces the cost, complexity and downtime of Linux IoT deployments for network components, embedded systems and intelligent endpoints.

MANAGEMENT OF BUSINESS-CRITICAL LINUX DEVICES

As the Internet of Things (IoT) gains traction in the enterprise with cost-efficiency and management simplification, maintaining operational performance is critical to business success. With enterprise mobility becoming more integrated, and the device components more intelligent, the technology ecosystem is becoming more complex to manage and maintain. Each endpoint must be: configured, secured, deployed, monitored, repaired and replaced. The cost and complexity of managing a small number of intelligent endpoints is minimal, but can quickly grow when considering the typical number of intelligent endpoints the average enterprise deploys.

Business-critical systems – like factory machinery, payment solutions, medical monitoring devices, warehouse and logistics components, and office equipment – have for years relied on Linux to power these devices. Organizations typically employ multiple proprietary solutions to manage these systems, introducing cost and resourcing challenges for their business. Mainstream enterprise mobility and IoT management solutions have ignored the need for full lifecycle management and support for Linux-based devices. Solutions that partially address this, are often command-line driven and require extensive effort to set up. With robust support for Linux, SOTI MobiControl delivers on the complex requirements of full lifecycle management for the IoT.

SOTI DEVICE CERTIFICATION PROGRAM

Addressing the variance encountered in the thousands of Linux distributions represented in today's devices can present a big challenge for any company. SOTI MobiControl's flexible architecture, along with SOTI's extensive partnership with over 200 device manufacturers around the world, makes it easy for organizations to certify their Linux devices for complete lifecycle management with SOTI MobiControl.

SOTI MOBICONTROL LINUX SUPPORT

RAPIDLY DEPLOY DEVICES

SOTI makes your large deployments of Linux-based devices and intelligent endpoints quick and easy:

- Provision devices rapidly using SOTI MobiControl's URL based enrollment.
- Silently deploy apps, network settings, user accounts and other configurations remotely.
- Support return management authorization (RMA) processes and defective device replacement with complete profile conversion, ensuring the replaced device is up and running within minutes.

IMPROVE DEVICE SECURITY

SOTI protects your Linux device's data integrity and prevents unauthorized access:

- Enforce strong passwords to harden your Linux endpoints against attacks.
- Automate and schedule OS, firmware and app updates to patch security vulnerabilities.
- Use TLS 1.2 128-bit encryption to secure communications and prevent man in the middle (MITM) and BEAST attacks.
- Blacklist potentially harmful apps (PHA).

DEVICE MONITORING

SOTI provides a wide range of tools to monitor devices and react to changing device states:

- Collect and monitor health statistics from apps, files or devices, enabling comprehensive device insight.
- Create alerts that automatically respond to device conditions with options to deliver almost any action that can be scripted, including device wipe.
- Re-establish connectivity or wipe confidential information by configuring scripts that execute autonomously when the device is out of contact.

REDUCE DEVICE DOWNTIME

SOTI keeps your business-critical mobility and IoT deployments up and running with a variety of remote support options:

- Remote control devices to diagnose and resolve issues quickly.
- Transfer files to and from the device, send scripts, and inspect running processes and apps during remote support sessions.
- Establish an SSH-based remote terminal connection for full command-line access, regardless of firewall or VLAN layers.
- Securely access embedded web management consoles, commonly used in headless devices, on internal networks without the need for a VPN.
- Convert remote support sessions automatically into SOTI XSight incident tickets to log device issues.

AUTOMATE TASKS

SOTI allows your employees to focus on quality output by automating repetitive tasks:

- Task scheduler profile to schedule script execution on devices.
- Once the profile is installed, scripts are executed at scheduled times even if the device is not connected to your network.
- Perform regular maintenance, device health check-ups and install software updates.
- Multi-language script support allows users to create the scripts in JavaScript, Python, Perl and Shell languages.



TO LEARN MORE:

Contact a SOTI sales representative: sales@soti.net

or sign up for a free 30-day trial of SOTI MobiControl: soti.net/trial

SOTI is a proven innovator and industry leader for simplifying business mobility and IoT solutions by making them smarter, faster and more reliable. SOTI helps businesses around the world take mobility to endless possibilities.

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