

# Lexmark Markvision Enterprise

Security is a key concern for businesses wanting to drive effective print management. However, protecting your fleet against security threats can be time consuming and difficult. In today's business environment, organisations need an easier, more efficient way to manage their print fleet while protecting valuable assets.

Lexmark Markvision Enterprise 4.0 printer fleet management solution delivers greater visibility into your entire fleet of network printers and multifunction devices, regardless of manufacturer. The advanced yet easy-to-use toolset is easy to implement and reduces operation cost across the enterprise. Powerful features like common configuration allow users to create configurations that apply to all models, minimise repetitive tasks and reduce the burden on IT staff. The best part? Markvision software is available at no cost to your organisation.

## Challenges in fleet management

Enterprise organisations are continually being asked to do more with less, while boosting security and compliance efforts. Tasks like manual asset management and device configuration are error-prone and inefficient. Plus installing device certificates individually takes valuable time away from other tasks, as printers must be continually monitored to ensure that security policies are met.

## Boost security across the enterprise

To meet these challenges, organisations need a robust print management software like Lexmark Markvision Enterprise. This solution is a key component of Lexmark's "Secure by Design" approach designed to ensure optimum security for every device in your network. With Markvision Enterprise, you can easily manage device configuration on a fleet of printers across a network—scalable to thousands of devices—while reducing or eliminating manual IT tasks such as updating firmware, configuring device settings and applying security certificates.

### Get to know Lexmark Markvision Enterprise

Markvision Enterprise delivers powerful features that simplify fleet management and reduce the burden on IT staff. Intuitive features like common configuration, automatic certificate management, user-friendly HTML interface, custom table views/exports and specified-time firmware updates make it easier than ever to ensure security compliance across the enterprise.

## Lexmark Markvision Enterprise

Markvision Enterprise delivers powerful new features that simplify every aspect of fleet management:

- ▶ **Scalable**—Centrally manage your entire fleet of network printers and multifunction devices, whether you have a few devices or thousands
- ▶ **Intuitive**—Combine outstanding functionality with a modern user interface to provide a user experience that's intuitive, consistent and easy to use
- ▶ **Role based**—Allow administrators to grant access based on individual users' responsibilities, controls, and access permissions
- ▶ **Secure**—Ensure optimum security with communications that are encrypted at rest and in transit
- ▶ **Easy installation**—Instal Markvision Enterprise with just a few clicks using the built-in database or connect to an existing Microsoft SQL database
- ▶ **Web-based**—Use Markvision Enterprise for all your enterprise devices—no client application needed

## Asset management

Managing your printer fleet can be a time-consuming process prone to errors and re-work. Markvision Enterprise eliminates these inefficiencies by helping administrators easily discover, organise and report on device capabilities and status.

- ▶ **Device discovery:** Create one or more discovery profiles with support for wild card search over multiple IP ranges, or upload a list of IP addresses.
- ▶ **Device and supplies status:** Quickly view device status and check consumables levels.
- ▶ **Organisation:** Easily find devices with saved search functionality that will return a list of devices that meet search criteria, or use keywords to find devices in specific locations or with specific purposes.
- ▶ **Reporting:** Create custom views with device data columns and save views for reference later; export custom views into .csv or .html reports for processing outside of Markvision Enterprise.

### Device configuration

Manual configuration of device settings can lead to problems with inconsistent settings and firmware levels. Markvision Enterprise ensures your devices are configured correctly and can automatically remediate devices that do not match configuration settings.

- ▶ **Common configuration:** Markvision Enterprise allows you to create a common configuration that contains settings for all Lexmark printers even across product families, to create configurations once and apply to all printer models.
- ▶ **Conformance and enforcement:** Restrict device functions to only specified users or groups; prevent unauthorised users from changing security settings.
- ▶ **Automated certificate management:** Creating device certificates manually can be time-consuming. Markvision Enterprise integrates with your certificate authority to automatically create, instal and verify the validity of the certificate, and expiring certificates are automatically regenerated before expiration.
- ▶ **Firmware update windows:** With Markvision Enterprise, there is no need to work overnight for firmware updates to avoid interrupting business. You can create time and day windows for Markvision to update firmware to work on the task only during those specified hours.

### Print fleet security

Lexmark's comprehensive approach to security covers a full spectrum of features and functions designed to secure every endpoint on your network.

- ▶ **Manage or change passwords:** Configure fleet with device passwords or LDAP authentication to secure remote management; easily change passwords across the fleet to meet password rotation policies.
- ▶ **User or role-based permissions:** Restrict device functions to only specified users or groups; prevent unauthorised users from changing settings or changing security settings.
- ▶ **Enable or disable ports and protocols:** Disable unused ports and protocols to reduce the attack surface of your print fleet.
- ▶ **Enable audit logging:** Configure devices to automatically send audit log information to a SIEM (security information and event management) such as Splunk.

### Task automation

All tasks in Markvision Enterprise can be easily scheduled and repeated as required to meet your organisation's specific IT goals.

- ▶ **Update device statistics:** Audit devices daily or more frequently to make sure you always have the most up to date information about your fleet.
- ▶ **Enforce device configuration:** Conformance and Enforcement actions can be run at the schedule you specify to ensure your devices are always in compliance.
- ▶ **Scan network for new devices:** Check for new devices with periodic network discoveries and automatically apply base configuration to ensure all devices meet security policies.
- ▶ **Create reports for compliance:** Schedule monthly reports to demonstrate device compliance with IT policies, and e-mail the report automatically to management for compliance.

#### Lexmark: Secure by Design

Lexmark's expertise as an industry leader in document and device security forms the backbone of our technology. From product design and supply chain integrity to advanced security features and industry certifications, this systematic approach to security delivers a critical benefit to our customers: the confidence to efficiently and cost-effectively get the job done, knowing their devices and data are protected every step of the way.