# Ivanti Neurons for MDM for Windows Management

## Manage and secure devices in the Everywhere Workplace

An increasingly remote workforce has made managing and securing all endpoints a growing challenge. To manage all different types of Windows devices efficiently, IT teams need a comprehensive tool to automate and streamline Windows device enrollment, provisioning and deployment. IT also needs to stay attentive to the latest security patches to secure Windows endpoints from malware and threats.

### IT teams face a host of challenges:

- Securing data at rest and data in motion with encryption.
- Securing Windows endpoints from threats and malware.
- Distributing and updating applications for a multitude of different Windows PCs/laptops.
- Managing frequent Windows updates and distributing them to applicable devices.
- Manually onboarding a fleet of Windows devices.
- Minimizing impacts on user productivity when updating business-critical software and apps.
- Troubleshooting and supporting Windows endpoints for a remote workforce.
- Managing and securing Bring Your Own Device (BYOD).
- Enforcing Microsoft security updates and patches in a timely manner.

Ivanti Neurons for MDM is a true cloud-based unified endpoint management solution for modern management of iOS, Android, macOS and Windows. Ivanti Neurons for MDM helps you manage all your Windows laptops and desktops, including HoloLens, and enables end-to-end Windows device lifecycle management, from configuration, enrollment, provisioning, securing, application management, monitoring, software and OS updates to retirement. Ivanti Neurons for MDM also offers a broad ecosystem of partners and out-of-the-box integrations.

## Key use cases

- Ensure device and data security in the Everywhere Workplace.
  - Secure and protect sensitive business data on any Windows endpoint.
  - Enforce Microsoft security updates and patches in a timely manner.
- Reduce costs and gain efficiency through automation.
  - Ivanti Neurons for MDM integrates with Windows Autopilot to automates device enrollment and deployment process at scale.
- Provide users with their choice of device and a seamless onboarding experience.
  - Device choice (including BYOD) is a key component of the user experience and is critical for user productivity and satisfaction. Ivanti Neurons for MDM empowers users with streamlined onboarding and superior on-device experience.
- Empower the remote workforce with business-ready devices.
  - Support the field, fleet and remote workforce across any industry. Ivanti Neurons for MDM streamlines the onboarding process by integrating with Windows Autopilot.
- Manage Windows devices from multiple manufacturers at scale.
  - Simplify IT processes to manage various Windows devices.
  - Manage Windows OS and security updates efficiently.
  - Automate app distribution, scheduling updates, etc.
- Reduce impacts on user productivity with less user interaction.
  - Schedule and automate Microsoft OS and app updates to minimize impacts on user productivity.

## Key features include:

- Device management and security.
  - Flexible authentication methods.
  - Device-level configurations that can be applied in a user-less scenario.
  - Flexible enrollment methods.
- App and software management
  - Windows OS updates: configure the delivery and installation of Windows updates available for your entire fleet.
  - App management and updates: keep applications updated automatically by setting schedules and installation configurations.
- Ivanti Bridge – EXE app extension management, GPOs, PowerShell scripts, custom SyncML for a customized experience.
- Design the end user experience.
  - Leveraging Windows restrictions, desktop configurations, authentication methods, etc.
  - Manage and Configure O365 and Exchange settings.
- Role-based management and spaces: for customized admin experience according to their responsibilities.
- Hardware and software inventory-based reporting and policies.
  - Keep track of changes in hardware and software in your Windows devices and set up automated policies to keep your devices and data secure.

# Key features and capabilities for Windows management

## Device management and security

### Security and management

PowerShell scripts and custom SyncML for a customized management experience, Windows Advanced Threat Protection, Hardware policies, Azure device compliance, Windows Information Protection, BitLocker encryption, Firewalls, Lock, wipe, quarantine, retire, restart/shut down devices automatically according to predefined policies, Certificate management.

### Authentication

Windows Hello for Business, Identity certificates, FIDO2 desktop agent (Ivanti authenticate), Passcodes.

### Easy onboarding and enrollment

AAD enrollment,Manual enrollment, PIN enrollment, Windows Autopilot,Via SCCM and Ivanti EPM, Bulk enrollment.

## App and Windows update management

### App management

Per app tunneling (Sentry), App control, Company app store native application (Apps@Work), App storage in the cloud, Automated distribution and assignment, Silent app install, App types supported: In-house, MSB apps, public store apps, App extensions supported: MSI, MSIX, APPX, APPX bundles, EXE, O365 installation, Monitor app inventory.

### Windows updates management

Windows updates distribution, Windows updates monitoring, Windows update schedules.

## Scale IT operations

### Dashboards, reporting and alerts

Hardware inventory, Software inventory, Custom reports, Admin alerts on the console, Device and app dashboards.

### Role-based management

Roles customization for dedicated access, Spaces based on roles for separation of responsibilities.

### Designing the end user experience

Browser settings, User self-service portal, Windows kiosk, Per app VPN, Windows restrictions, Printer configurations, Privacy settings, Exchange, ADMX (GPO) ingestion, Windows bios, Desktop settings, Bloatware remover, Windows license upgrade configuration, Windows desktop restrictions, Browser settings, Windows start menu and taskbar, Windows notifications, Passcode configurations.

## About Ivanti

Ivanti makes the Everywhere Workplace possible. In the Everywhere Workplace, employees use myriad devices to access IT networks, applications and data to stay productive as they work from anywhere. The Ivanti automation platform connects the company's industry-leading unified endpoint management, zero trust security and enterprise service management solutions, providing a single pane of glass for enterprises to self-heal and self-secure devices, and self-service end users. More than 40,000 customers, including 96 of the Fortune 100, have chosen Ivanti to discover, manage, secure and service their IT assets from cloud to edge, and deliver excellent end user experiences for employees, wherever and however they work. For more information, visit ivanti.com

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