

asustor

ASUSTOR Central Management System



Addressing Challenges and Highlighting Key Architectural Advantages

When your data growth isn't limited, your management tools shouldn't be tied to specific hardware.

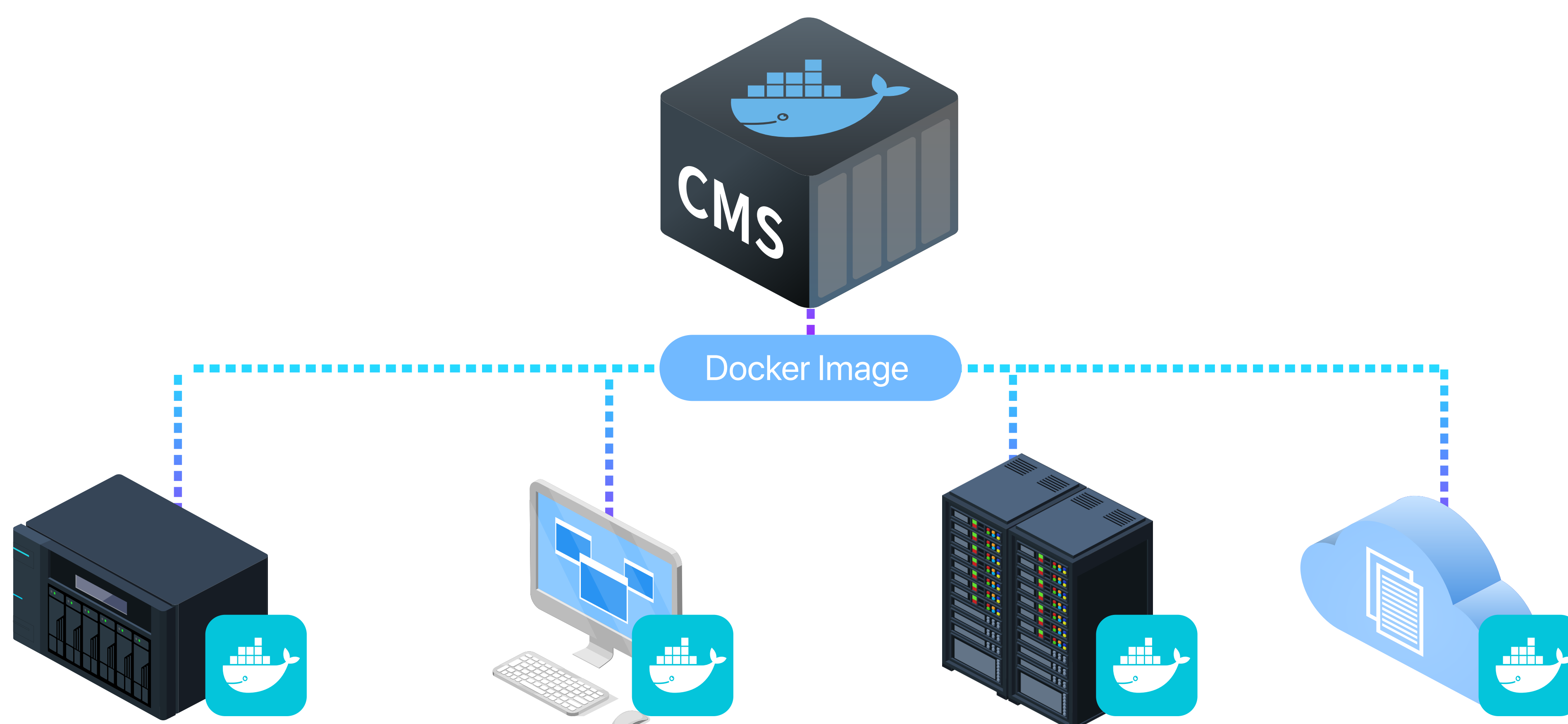
The Problem with Managing Multiple NAS Devices: Expanding Storage Can Lead to Operational Challenges

In today's data-driven world, enterprise storage architectures are rapidly expanding towards edge and multi-site deployments. Traditional one-by-one management approaches can be incredibly time-consuming and prone to human error, leading to inconsistent device configurations and security vulnerabilities.



Containerization for True Cross-Platform Freedom:

- **Unmatched Architectural Flexibility:** Unlike competitors that restrict CMS installation to specific NAS devices or require complex virtual machine environments, ASUSTOR CMS utilizes a full Docker container architecture.
- **Extremely Flexible Deployment Options:** CMS can run on NAS devices internally, and also be easily deployed as Docker Images on any server, PC, or cloud environment supporting Docker Engine. This allows seamless integration with existing IT infrastructure, providing true cross-platform management freedom, regardless of the configuration.
- **Relaxed System Compatibility:** CMS supports a wide range of operating systems (as long as they support Docker), reducing the challenges associated with upgrading and compatibility.



Ultimate Scalability and Seamless Management

Breaking Barriers: Seamless Management with Unrivalled Capacity

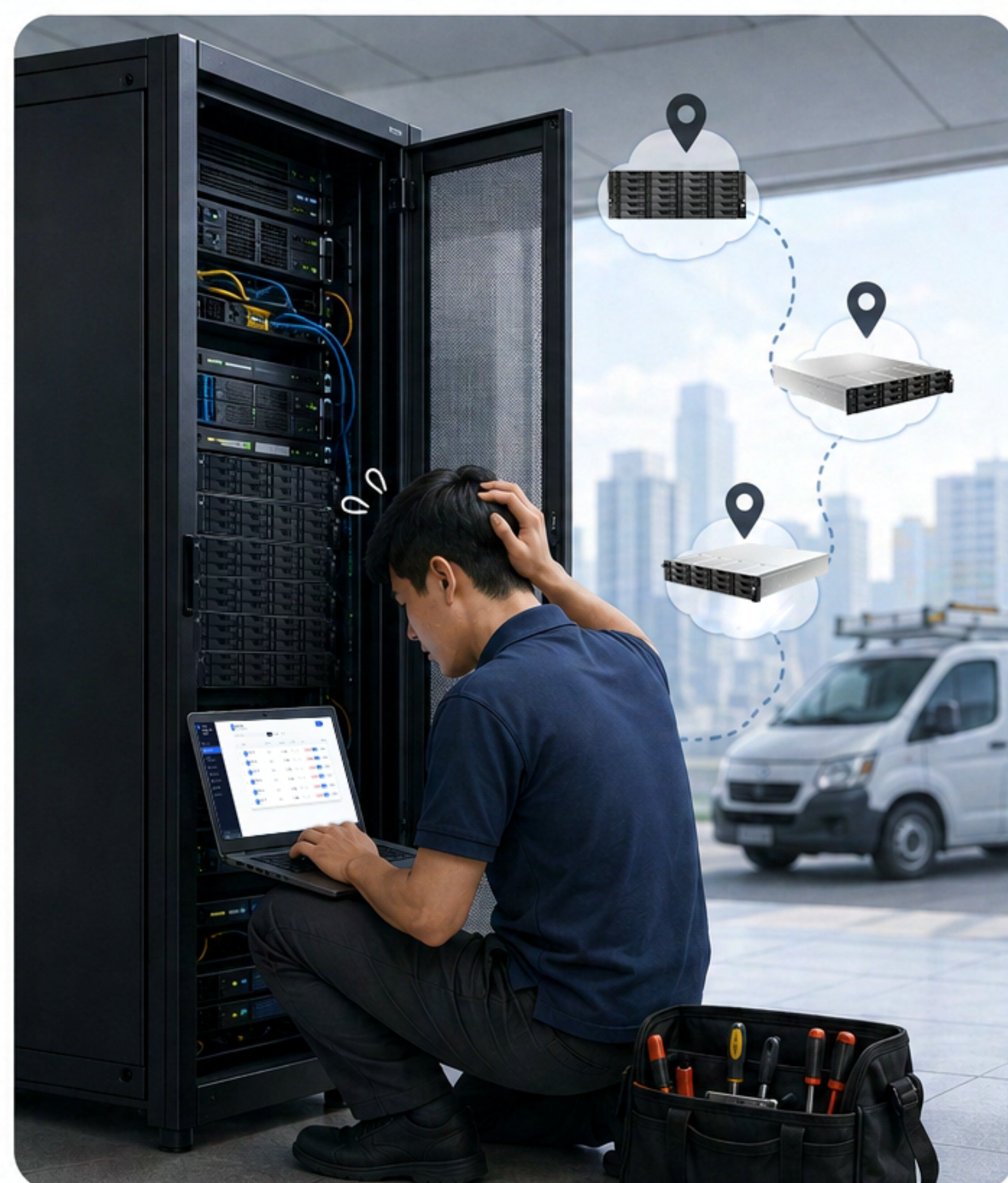
The underlying architecture of ASUSTOR CMS has been deeply optimized to support management of up to 2000 NAS devices simultaneously from a single console. Whether you're a multinational corporation with global offices or a large retail network, you can easily manage all your devices without bottlenecks.



Up to
2000

Quick Deployment: Remote Agent Delivery, Eliminating Manual Configuration

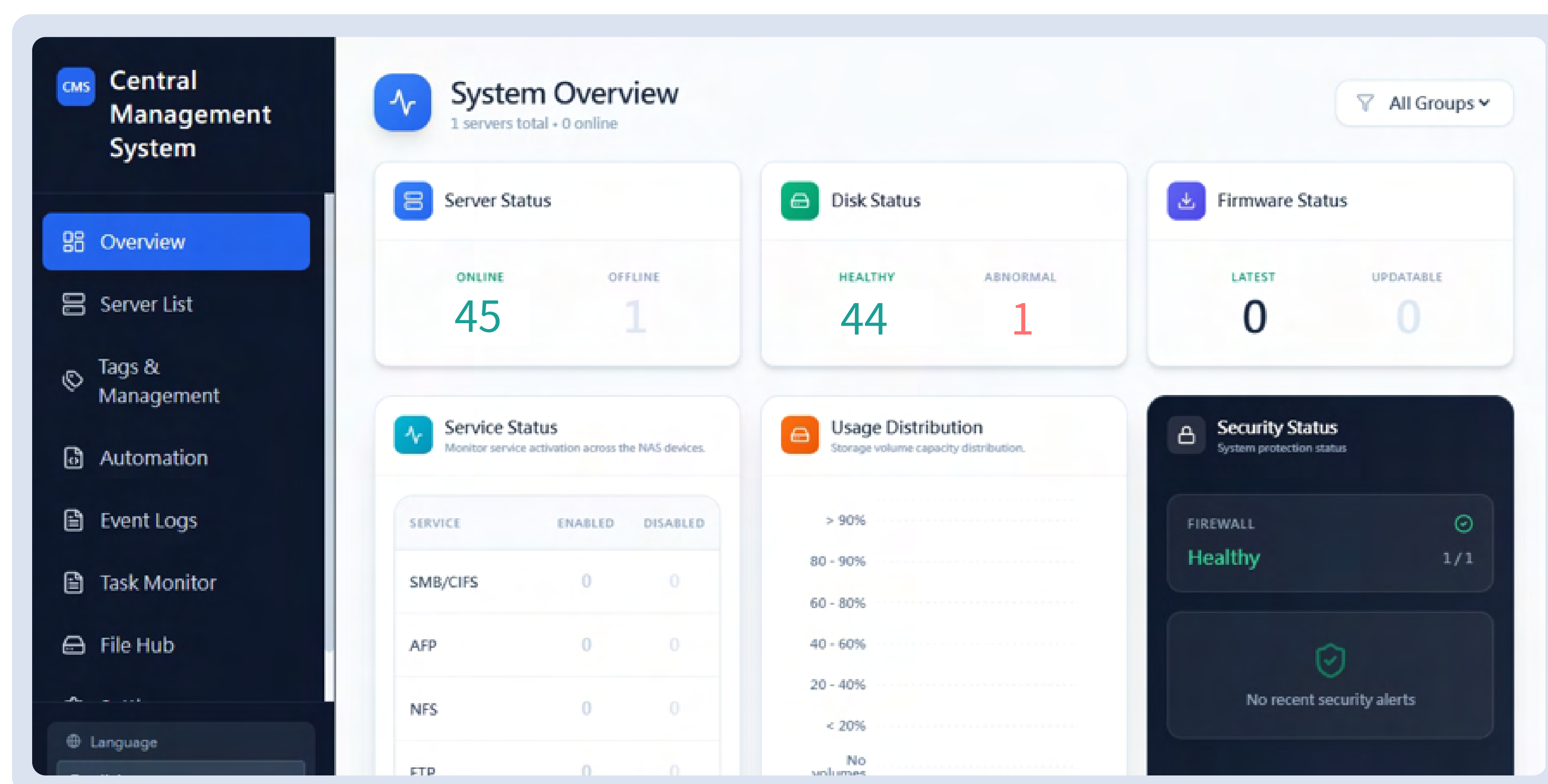
- **Zero-Touch Onboarding:** Traditionally, managing new devices required IT staff to manually configure each device or use complex onboarding tools.
- **Simplified One-Piece Integration:** ASUSTOR CMS uses a streamlined, single-piece integration architecture. Administrators can simply log in to the target device and remotely install the Agent from the central CMS console using their credentials, significantly simplifying the setup and management process.



A Centralized View: Your IT Automation Command Center

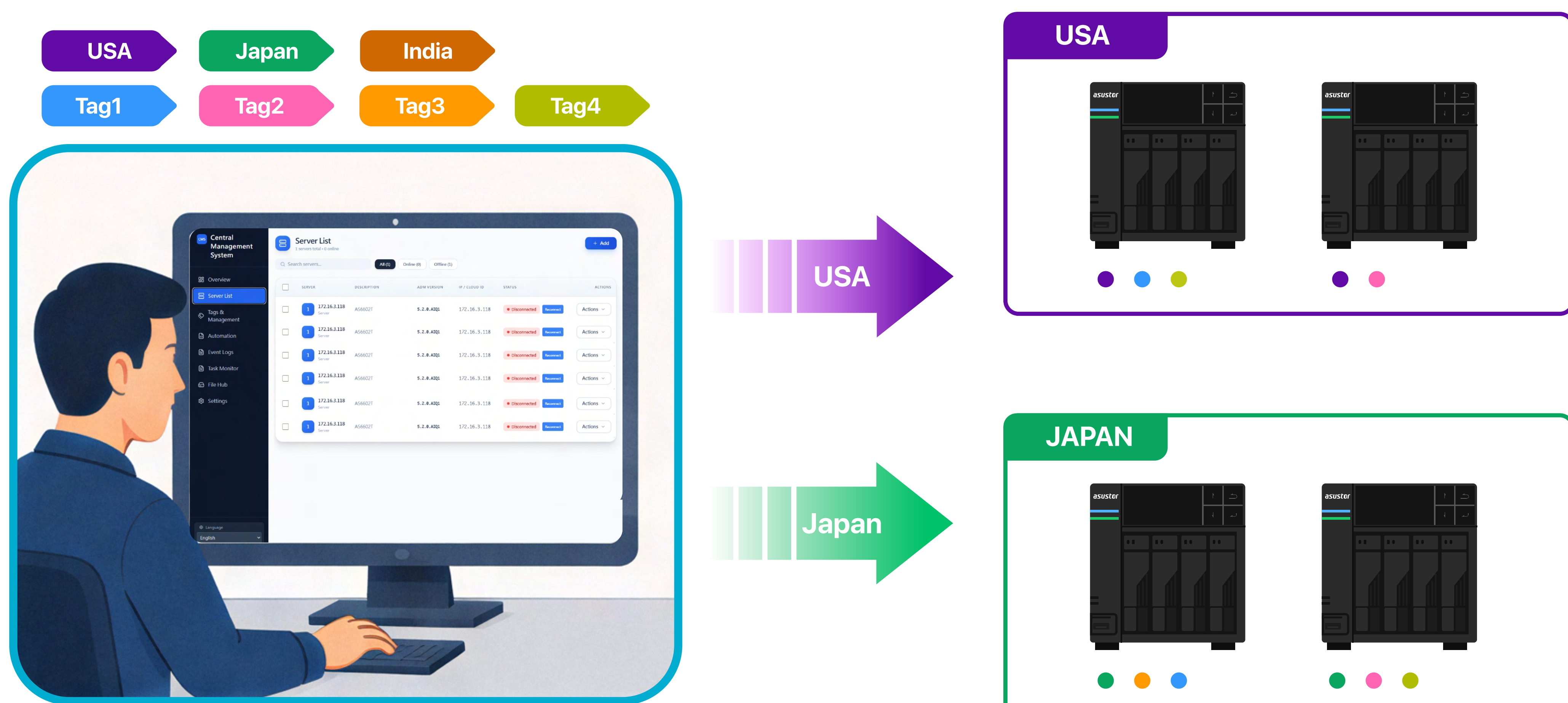
An Overview of Your Central Management Interface:

- **Instant Visibility:** Upon logging in, you'll see an immediate overview of all devices and their connection status.
- **Task Monitoring:** Monitor the progress and history of all asynchronous tasks including, but not limited to batch updates and script deployments to ensure that instructions are executed correctly.



Managing Thousands of NAS Devices: Categorization is Key

- **Dynamic Server Tagging:** Administrators can freely add, edit, or remove tags. A single device can have multiple tags, enabling you to quickly and precisely target specific groups and issue commands. For example, you can remotely configure shared folder access and perform routine maintenance tasks such as ADM updates, reboots, and shutdowns on individual devices.

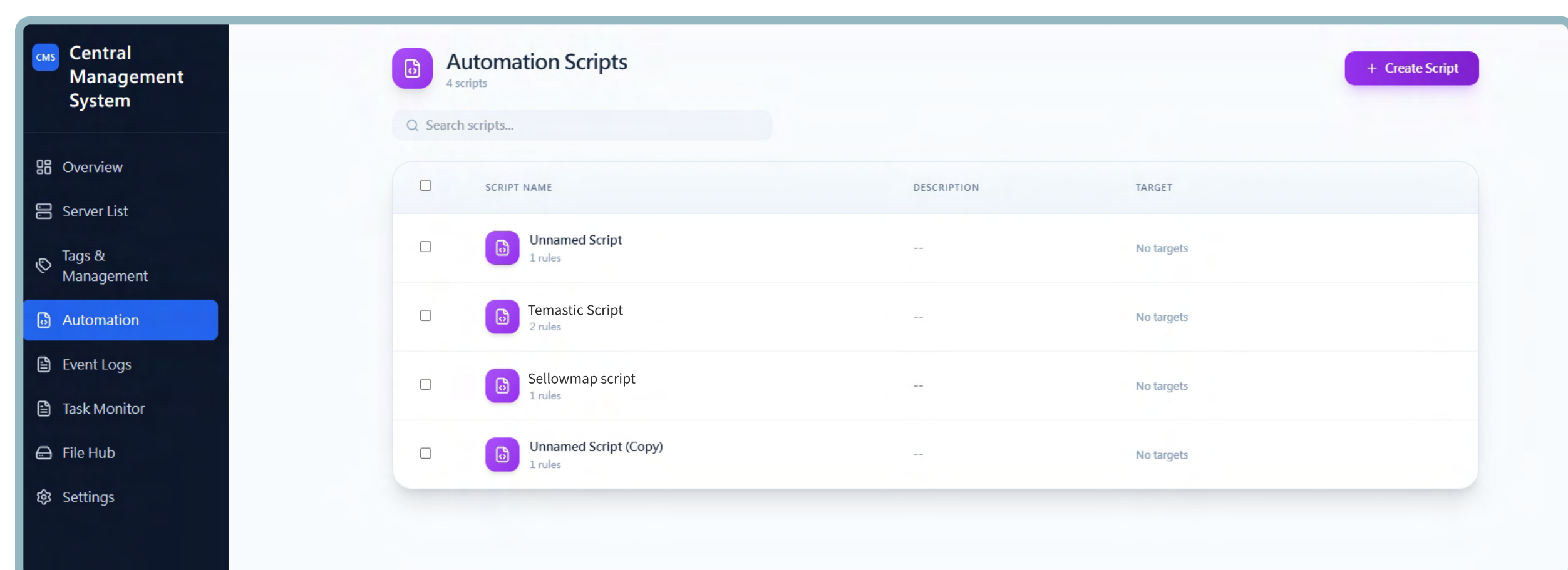


Centralized Scripting Center and Software Ecosystem

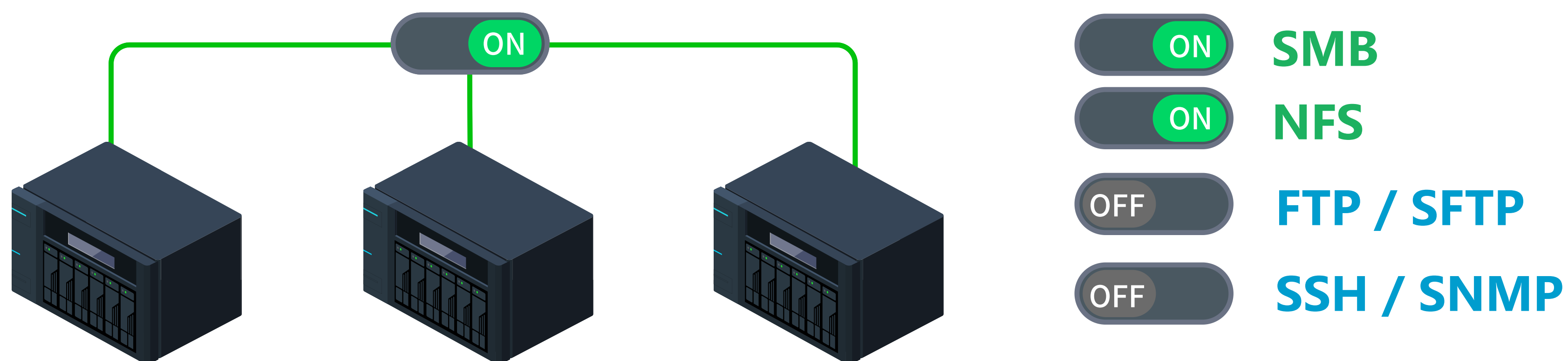
Streamlined Scripting for Zero-Delay Software Deployment

Automated Scripts:

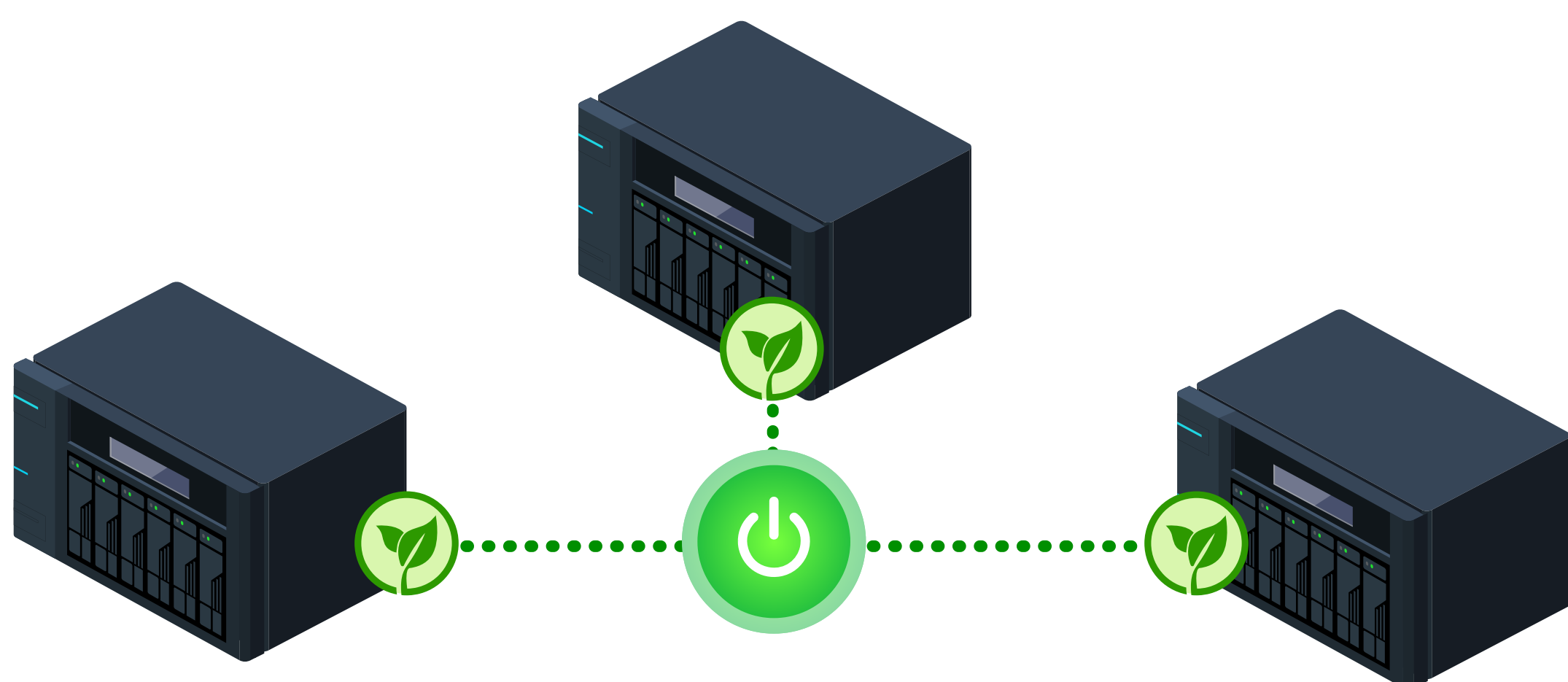
CMS enables IT personnel to easily create standardized scripts, offering flexible timing options with "Execute Now" or "Save for Later."



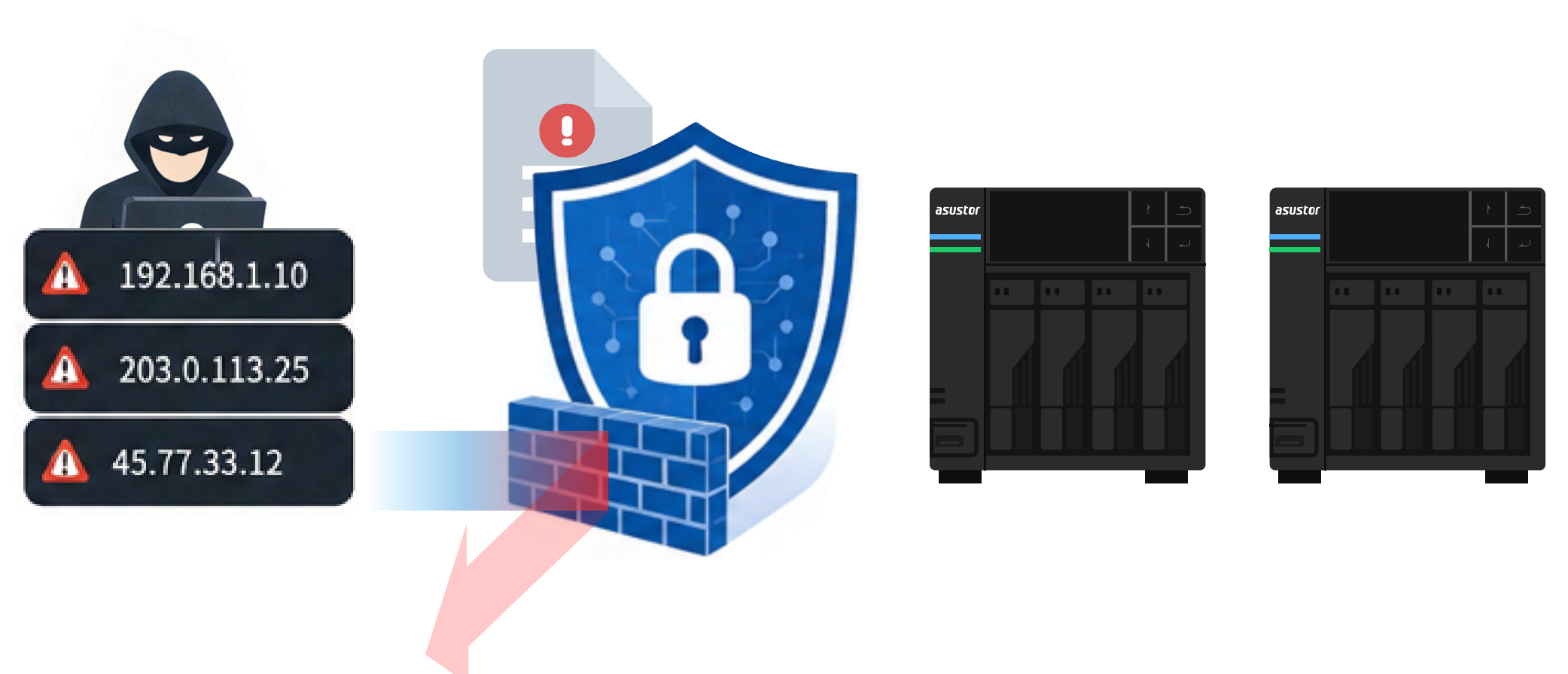
- **Network and Security Management:** Supports batch enabling of the Auto-Block feature. Future expansions will include one-click on/off functionality for network protocols such as SMB, NFS, FTP, SFTP, and batch activation of SSH and SNMP.



- **Energy-Efficient Power Management:** Implements the EuP energy efficiency standard for all devices, reducing operational costs for multiple devices within an organization.



- **Enterprise Directory & Cybersecurity Defense:** Supports configuring automatic blacklists to strengthen your security posture. Future enhancements will further



Application Deployment:

Ensures consistent and compliant software versions across the enterprise, supporting both online and manual installation methods: Supports batch online installation and manual App installation, offering flexibility to accommodate various network environments.

