NAT-102 Series

# Make Complex IP Management a Thing of the Past

Securely Manage More IP Addresses With Less Effort

With the rise of IIoT and Industry 4.0, production systems are moving towards a future where all devices are seamlessly connected. Data from all production processes needs to be available in real-time. This means all these systems need to be connected to a centralized management system. However, integrating new network devices into existing infrastructure is a big challenge. Performing IP configurations is complex and error-prone, and security vulnerabilities always remain a concern.

Moxa's **NAT-102 Series Network Address Translation (NAT)** devices are designed to simplify the IP configuration of machines in existing network infrastructure and provide basic cybersecurity protection for factory automation environments.
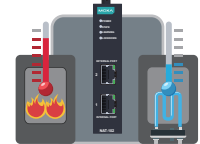
Why the NAT-102 Series
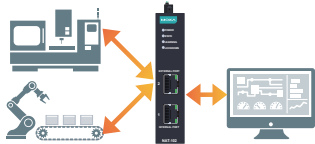
User-friendly NAT functionality simplifies network integration

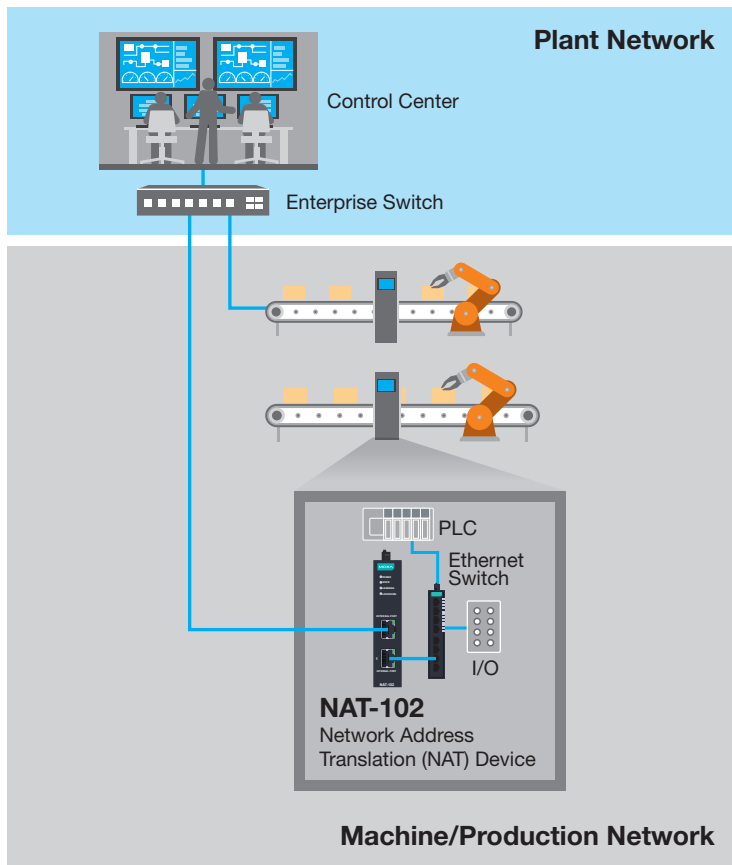Hands-free network access control to protect internal networks

Extra-small footprint for easy placement in control cabinets

Industrial-grade design ideal for deployment in harsh environments

How the NAT-102 Series Can Help You

Devices on the factory floor are generally isolated from the Internet. When connecting to an external control center, managing IP addresses for all these devices can be challenging due to a small pool of usable external IP addresses, and automation professionals being unfamiliar with IP configurations. As a result, when redesigning facility network connections for centralized management or when adding new machines, network administrators often encounter network disruptions caused by IP address conflicts.

Plant Network

Control Center

Enterprise Switch

PLC

Ethernet Switch

I/O

NAT-102
Network Address Translation (NAT) Device

Machine/Production Network

System Integrators

Is configuring and managing the IP addresses of individual devices taking up a lot of time and resources? Is setting up network access control giving you headaches?

With NAT-102 Series, you can:

• Simplify IP address management without the need for in-depth IT knowledge

• Dynamically change the existing network topology for production line expansions

• Ensure network access control to prevent potential cybersecurity threats

Machine Builders

Are you spending a lot of time manually configuring each machine before delivering it to customers?

With NAT-102 Series, you can:

• Simplify IP configurations for devices installed inside machines

• Enable customers to integrate machines into field infrastructure more efficiently

• Provide customers with streamlined network access control

MOXA®