

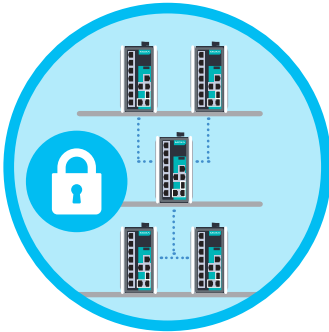
# Checklist for Industrial Cybersecurity

Moxa has compiled a checklist to ensure you do not forget any of the defense-in-depth security measures.



## Secure Devices

- Identify and control who can log in to devices
- Increase password complexity to enhance access control
- Verify authorized devices before the devices gain access to the network and communicate with other devices
- Encrypt confidential serial interface data to ensure data integrity
- Encrypt configuration data to increase confidentiality
- Select device vendors that respond quickly to reported vulnerabilities and fix them



## Secure Network Infrastructure

- Segment large-scale networks into smaller networks to avoid networking issues interrupting operations or bringing the entire network to a halt
- Filter out unauthorized packets and block unauthorized access to enhance access control
- Create a secure tunnel for encrypted data transmission to ensure data integrity
- Deploy industrial firewalls, VLAN or ACL, which are the most feasible and cost-effective options for industrial control systems



## Security Management

- Create security policies that meet your network requirements
- Ensure all network devices are configured to the same security level
- Continuously scan the security status of devices to ensure the whole network is secure
- Regularly monitor the network to see if any new devices were added
- Save all event logs for reference in the event of a security breach
- Compare the network configurations before and after incidents to find the root cause of the problem

For more detailed information about Moxa's industrial cybersecurity solutions, please download

[Case Studies About Enhancing Industrial Cybersecurity](#)

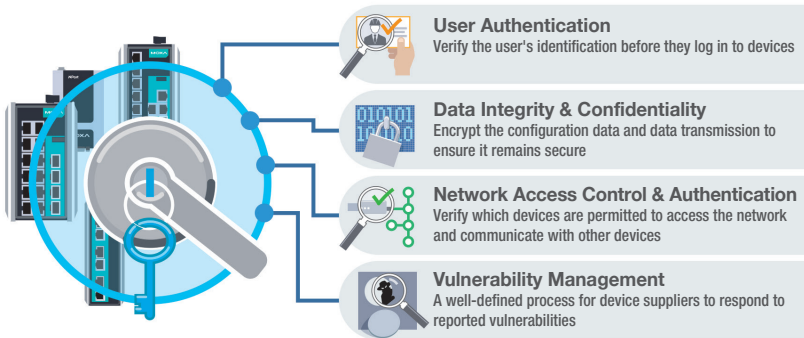
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# Defense-in-Depth Solutions for Industrial Cybersecurity

Moxa has developed industrial cybersecurity solutions based on the defense-in-depth approach that keep your your industrial networks secure.

**Secure Devices**  
Your industrial control networks need secure devices with enhanced security functions to mitigate risks.

## Prevent Intrusions and Attacks



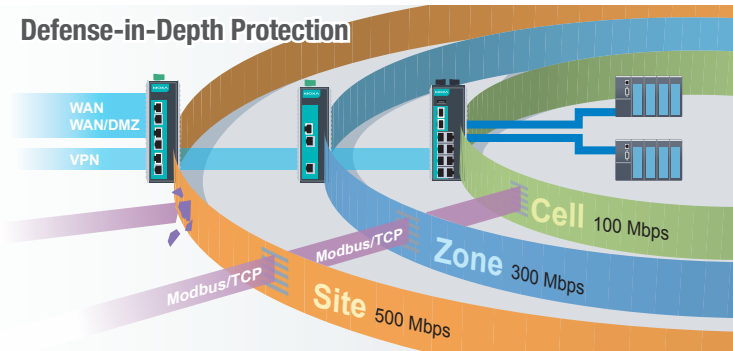
**EDS-510E Series**  
Industrial Managed Ethernet Switches

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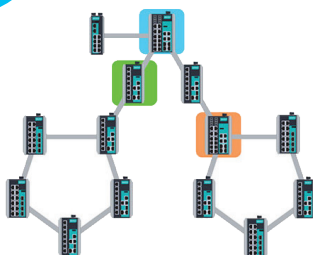
**NPort 6000 Series**  
Secure Terminal Servers

**Secure Network Infrastructure**  
You need industrial-grade networking devices with enhanced security features and an industrial firewall for highly reliable, non-stop operations.

**EDR-810/G902/G903 Series**  
Industrial Secure Routers



**Security Management**  
To view your network security status at a glance you need network management software.



192.168.127.1	High
192.168.127.2	IEC-62443-4-2 LV2
192.168.127.3	Medium
192.168.127.4	IEC-62443-4-2 LV1
192.168.127.5	Basic
192.168.127.6	General baseline
192.168.127.7	
192.168.127.8	

Security View

**MXview**  
Industrial Network Management Software

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