

# Smart Switches

## IT Level of Security, Purpose Built for OT Networks

The SDS-3008 smart Ethernet switch is the ideal product for IA engineers and automation machine builders to make their networks compatible with the vision of Industry 4.0. By breathing life into machines and control cabinets, the smart switch simplifies daily tasks with its easy configuration and easy installation.



### SDS-3008

- Web-based GUI for easy device configuration and management
- EtherNet/IP, PROFINET, and Modbus TCP industrial protocols supported for easy integration and monitoring in automation HMI/SCADA systems
- Security features based on IEC 62443

## Why Moxa?

The most frequently used automation protocols—including EtherNet/IP, PROFINET, and Modbus TCP— are embedded in the SDS-3008 lightly managed switch to provide enhanced operational performance and flexibility by making it controllable and visible from automation HMIs.

## Key Product Differentiators

- Intuitive Management Options: Saves time, money, improves network visibility
- Compact and flexible housing design to fit into confined spaces
- Web-based GUI for easy device configuration and management
- Security features based on IEC 62443
- Seamless SCADA System Integration: Supports a variety of OT protocols for direct integration into your existing SCADA management tools

## Unlock the Full Potential of Your Network

MXStudio is an all-in-one toolset for the installation, operation, maintenance and diagnostic stages of your network's lifecycle.

See for yourself just how quick and easy this solution is – Download it for free!

[Learn More](#)



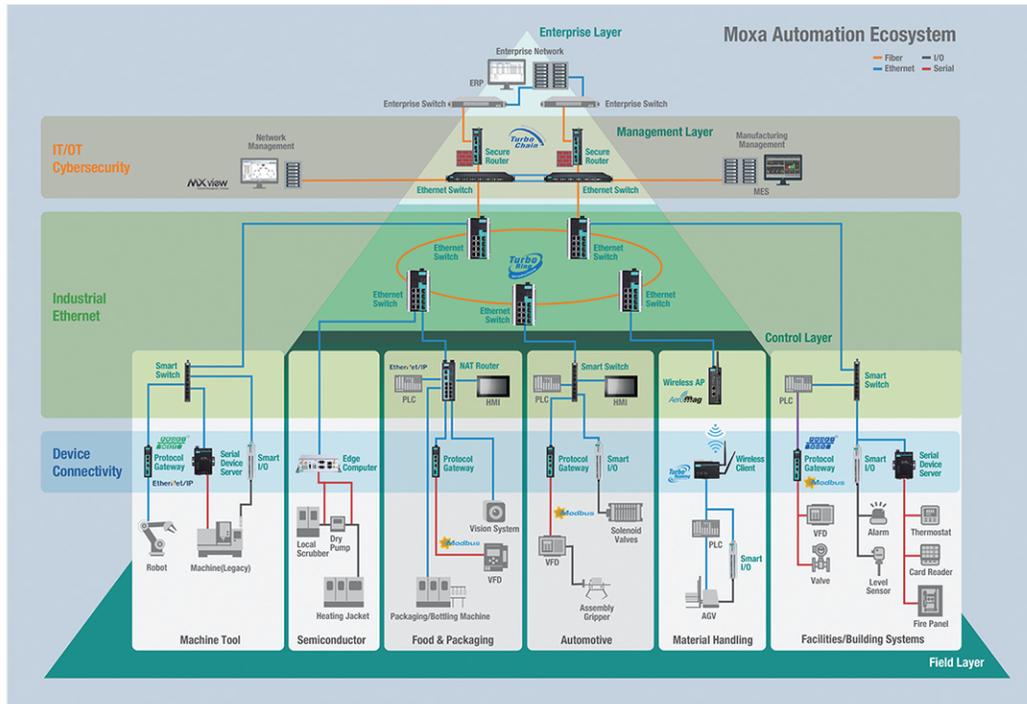
# Protect Your Industrial Networks

IT Level of Security, Purpose Built for OT Networks



## SDS-3008 Smart Switch

Every network application is unique depending on the environment, scale, & budget. However, there can be similarities in OT network design best practices across many companies and industries. The following example illustrates how our eco-system of connectivity solution can transform a factory/plant into something that is Smart, Efficient, and Secure. Here we highlight where typically, our Industrial Security Ethernet Switches can help to secure and enable customer's OT solutions.



			
<b>Industrial Ethernet Switches</b>	<b>EDS-2000-EL</b> QoS enabled unmanaged switches	<b>SDS-3008</b> Smart switch	<b>EDS-510E</b> Managed switches
<b>Port Configuration</b>	5 and 8 Fast Ethernet ports with up to 1 fiber port	8 Fast Ethernet copper ports	7 Fast Ethernet ports and 3 Gigabit Ethernet ports
<b>Max. Number of VLANs</b>	N/A	8	64
<b>Redundancy</b>	N/A	Redundant power inputs RSTP (IEEE 802.1D-2004)	Redundant power inputs RSTP (IEEE 802.1D-2004), Turbo Ring v1/v2, Turbo Chain
<b>Dimensions</b>	EDS-2005-EL: 0.7 x 3.19 x 2.56 in EDS-2008-EL: 1.4 x 3.19 x 2.56 in EDS-2008-EL-M-ST: 1.4 x 3.19 x 2.79 in EDS-2008-EL-M-SG: 1.4 x 3.19 x 2.67 in	0.79 x 5.32 x 4.37 in	3.12 x 5.31 x 4.57 in
<b>Management and Security</b>	DIP switch to enable Quality of Service (QoS) and Broadcast Storm Protection (BSP)	Web console, MXview, ABC-02-USB EtherNet/IP, PROFINET, and Modbus TCP Port disable	Web console, TeInet/serial console, MXstudio, ABC-02, QoS, rate limiting, multicast filtering, Link-swap fast recovery EtherNet/IP, PROFINET, and Modbus TCP Configuration data encryption and port security
<b>Certifications</b>	CE/FCC, UL 61010-2-201, EN 62368-1 (LVD), EN 55032/35	CE/FCC, UL61010-2-201, EN 60950-1 (LVD), EN 50121-4	CE/FCC, UL508, ATEX, C1D2, NEMA TS2, EN 50121-4
<b>Target Applications</b>	Factory automation, process automation	Factory automation and machine OEM	Process automation, oil & gas, ITS, wayside transportation communication