

# Smart switches for modern industrial networks.



**eWorX** SE300 SERIES SWITCHES

**B+B** SMARTWORX

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**ADANTECH**

Intelligence at the Network Edge



# SE300 SERIES SMART SWITCHES

## BRIDGING THE GAP BETWEEN UNMANAGED AND MANAGED SWITCHES

SE300 series smart switches deliver basic management capabilities at a fraction of the cost of a fully managed switch. Why pay for additional features if they are irrelevant to your application?

SE300 series smart switches can be used in two ways: (1) They can be deployed as plug and play unmanaged switches right out of the box. (2) Using iView2 gives them basic management capabilities as well. The switches support Modbus/TCP to communicate with SCADA software and SNMP to communicate with NMS (Networking Management System) at the same time. This gives full read control to both control engineers and IT.

### Limited Lifetime Warranty

### Essential Management Features

SE300 series switches provide SNMP and Modbus/TCP management

### Intelligent Inside

- IEEE 802.1p QoS (Zero Touch)
- Jumbo Frame Support - 9,216 bytes
- Free Management Tool - iView2
- Loop Detection
- Full Gigabit with PoE/PoE+ options
- Fully Compatible with the Most Popular SCADA/HMI Software
- IP address assignment, allowing for a static IP address or an address that is discoverable via DHCP

### HMI/SCADA Software Integration

- System Information
- Device Status/IP Address
- Port Information
- Port Status/Port Speed
- Packet Information
- Tx/Rx Error Packets

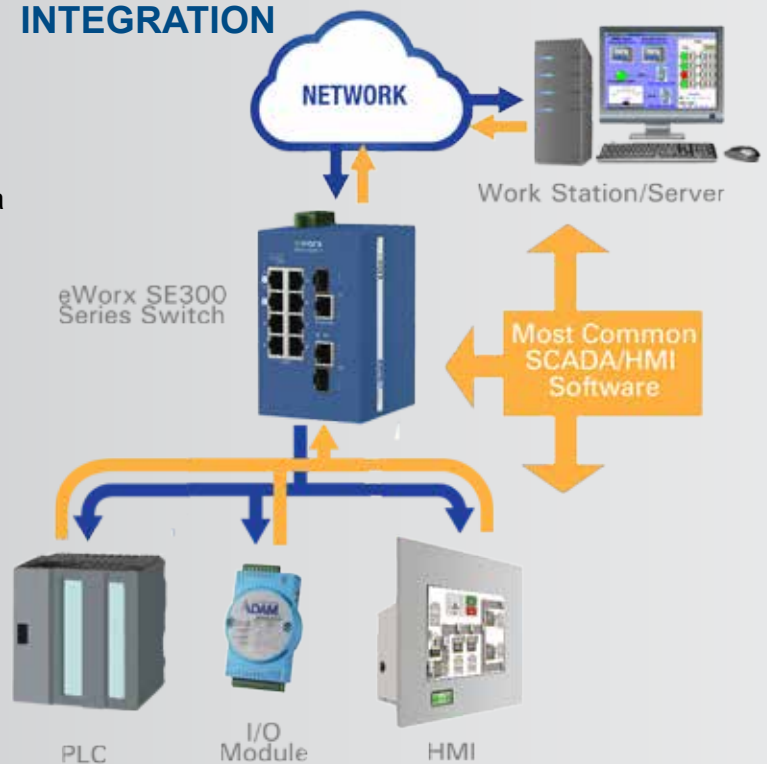
### Dual Power Inputs - 8.4 to 52.8 VDC

- Overload Current Protection
- Power-fail Relay

### Designed and Built for Hazardous Environments

- Wide temperature design, -40 to 75°C
- MTBF: over 590 years
- Radiated/Conducted noise protection, EMC Level 3

### MODBUS/TCP HMI/SCADA SOFTWARE INTEGRATION





## Ethernet Green®, IEEE802.3az Energy-Efficient Ethernet

- **eWorx Switches cut power usage by up to 60%**, reducing total cost of ownership
- Automatically powers down ports that have no link
- Budgets power output for different Ethernet cable lengths

## Wide Variety of Port Configurations

- 5 ports, up to 18 ports
- 10/100 Mbps & Gigabit models
- Fiber module options (MM, SM)
- Fiber connector options (SC,LC,ST)

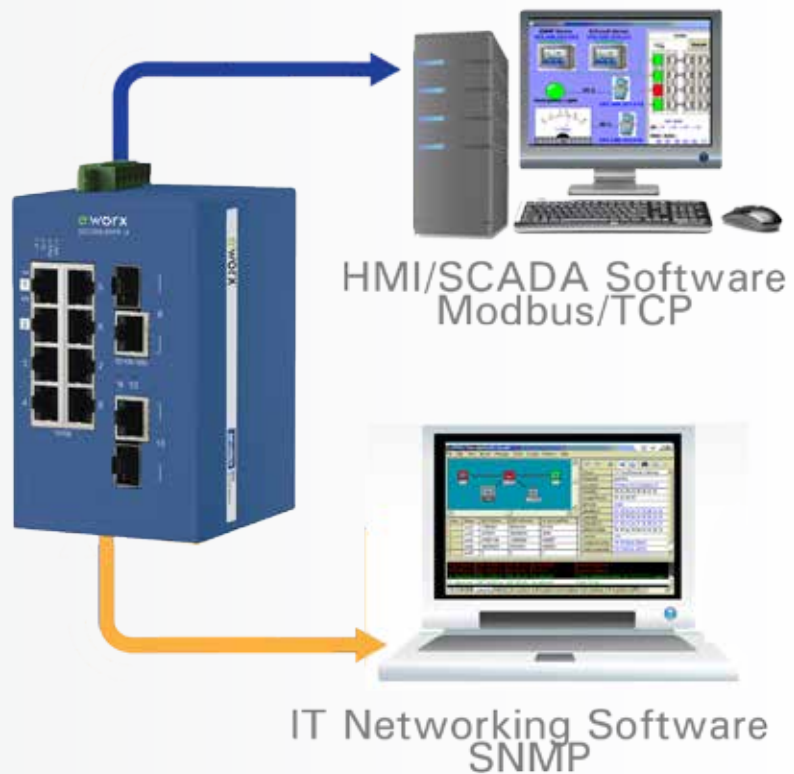
## IT/OT CONVERGENCE

## Industrial Certifications Tailored to Meet the Needs of Your Application

- IECEx (pending)
- UL508
- Class I, Division 2 Groups A,B,C,D
- ATEX Zone 2 (pending)

## Models with PoE/PoE+ Option

- IEEE802.3af/at compliant
- Each port, up to 30 W
- PoE power budget, Max. 60 W
- Smart PoE management





## ENABLING INNOVATION

- Reduced direct costs for installation and deployment
- Reduced power consumption
- Faster development and deployment cycles with lower project risk
- Protection of initial investment as system requirements change
- Integrate new technologies as they emerge
- Maximizes lifetime return-on-investment

## + GLOBAL REACH FOR GLOBAL SUPPORT

You build your business and we will build your communication solution. Whether you need standard products or require special designs for specific applications – B+B SmartWorx can help.

## B+B SMARTWORX

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