



Product information
EAGLE Tofino Modbus TCP Enforcer LSM
942 016-112

Name		EAGLE Tofino Modbus TCP Enforcer LSM
		The EAGLE Tofino Modbus TCP Enforcer is a content inspector for Modbus communications, checking every Modbus command and response against a list of 'allowed' commands defined by your control engineers.
Delivery informations		
Availability	available	
Product description		
Description	The EAGLE Tofino Modbus TCP Enforcer is a content inspector for Modbus communications, checking every Modbus command and response against a list of 'allowed' commands defined by your control engineers.	
Type	EAGLE Tofino Modbus TCP Enforcer LSM	
Order No.	942 016-112	
Diagnostics		
Diagnostic functions	The EAGLE Tofino Modbus TCP Enforcer makes sure that the only Modbus commands your control devices receive are approved commands from approved computers.	
Alarm and event actions	Any command that is not on the 'allowed' list, or any attempt to access a register or coil that is outside the allowed range, is blocked and reported.	
Configuration		
Configuration functions	Simple configuration using the EAGLE Tofino Central Management Platform (CMP). All standard EAGLE Tofino modes supported: Passive: all traffic allowed, no alerting Test: all traffic allowed; alerts generated as per user rules Operational: traffic filtered and alerts generated as per user rules Multiple master and slave Modbus devices are supported, with a unique set of inspection rules and options for each master/slave connection.	
User-settable options	The following options may be set on a per-connection basis: Permitted Modbus function codes. Permitted register or coil address range. Sanity check enable/disable. State tracking enable/disable. TCP Reset on blocked traffic (when utilizing TCP transport protocol). Modbus exception reply on blocked traffic. Supports Modbus function codes 1-8, 11-17, 20-24, 40, 42, 43, 48, 66, 67, 91, 100, 125, 126.	
Hardware requirements		
Network	EAGLE20 Tofino Security Appliance	
Recommended resolution	n/a	
Hard disk space	n/a	
RAM	n/a	
Processor	n/a	
Software requirements		
Network device	EAGLE Tofino Central Management Platform	
Operating system	n/a	
SCADA /Process visualisation		
Supported SCADA systems	Pre-defined templates for more than 50 industrial communication protocols and over 25 families of industrial controllers.	
Protocols		
Supported protocols	Both Modbus/TCP and Modbus/UDP supported.	
Security		
Security functions	A list of allowed Modbus commands, registers and coils can be defined. Automatically blocks and reports any traffic that does not match your rules. Protocol 'Sanity Check' blocks any traffic not conforming to the Modbus standard. Supports multiple master and slave devices.	
Authentication	n/a	
Encryption	n/a	
Filter	Supports Modbus function codes 1-8, 11-17, 20-24, 40, 42, 43, 48, 66, 67, 91, 100, 125, 126.	
Product variants		
Version + Nodes	Full version	
Approvals		
MUSIC 2009-1	Certified (Foundation Level)	
Modbus-IDA	Certified Modbus compliant by Modbus-IDA	
Scope of delivery and accessories		
Scope of delivery	License activation via email.	

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.