Data sheet
EAGLE Tofino Firewall LSM - EAGLE Tofino Firewall LSM

Industrial Ethernet:Industrial Firewall System:EAGLE 20 Tofino:EAGLE Tofino Firewall LSM	
Name	**EAGLE Tofino Firewall LSM**
Delivery informations	
Document created at	14-09-2010
Availability	available
Product description	
Description	The EAGLE Tofino Firewall LSM is a traffic control cop for industrial networks, checking all communications on your control network against a list of traffic 'rules' defined by your control engineers. Any communication that is not on the 'allowed' list will be blocked and reported by the EAGLE Tofino Firewall.
Type	EAGLE Tofino Firewall LSM
Order No.	942 016-110
Diagnostics	
Diagnostic functions	The unique 'test' mode of EAGLE Tofino lets you test your rules without any risk to plant operation.
Alarm and event actions	Reports blocked traffic to the EAGLE Tofino CMP via EAGLE Tofino Exception Heartbeats.
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 Master and slave devices are supported, with unique direction and permission settings for each client/server connection.
User-settable options	IP-based-protocols: Source device: specific IP address, network, or 'any'. Destination device: specific IP address, network, broadcast, multicast, or 'any'. Application protocol: any combination of single, list, and/or range of port numbers. Direction: incoming, outgoing, bidirectional. Both IP-based and non-IP protocols. Permission: allow, deny, allow/log, deny/no log.
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	TCP, UDP, more than 50 pre-defined industrial protocols.
Security	
Security functions	Rule definition using a graphical drag-and-drop editor. Traffic that does not match the rules is automatically blocked and reported. Over 50 pre-defined IT and industrial communication protocols. Over 25 pre-defined controller templates. Pre-defined 'special rules' for advanced traffic filtering and vulnerability protection. Isolate critical devices from threat sources. Separate control network into security 'zones', restricting communications between zones. Protect controllers with known vulnerabilities.
Authentication	n/a
Encryption	n/a
Filter	Deny by default: any network traffic that is not on the 'allowed' list is automatically blocked and reported.
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.