Data sheet
EAGLE Tofino OPC Enforcer LSM - EAGLE Tofino OPC Enforcer LSM

Industrial Ethernet:Industrial Firewall System:EAGLE 20 Tofino:EAGLE Tofino OPC Enforcer LSM	
Name	**EAGLE Tofino OPC Enforcer LSM**
Delivery informations	
Document created at	14-09-2010
Availability	available
Product description	
Description	The Tofino OPC Enforcer Loadable Security Module (LSM) inspects, tracks and secures every connection that is created by an OPC application. It dynamically opens only the TCP ports that are required for each connection, and only between the specific OPC client and server that created the connection.
Type	EAGLE Tofino OPC Enforcer LSM
Order No.	942 016-117
Diagnostics	
Diagnostic functions	Reports security alerts to the Tofino CMP via Tofino Exception Heartbeats and via syslog (provided Event Logger LSM is installed).
Alarm and event actions	Any attempted OPC traffic that is not between defined OPC client and server pairs will be blocked and reported. Any attempted TCP connection that was not successfully negotiated between a valid OPC client and server will be blocked and reported.
Configuration	
Configuration functions	Simple configuration using the EAGLE Tofino Central Management Platform (CMP).
User-settable options	n/a
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	OPC DA, HDA, A and E, DX and XML-DA
Security	
Security functions	Manages all traffic on systems that use OPC DA, HDA, A and E, DX or XML-DA. Automatically tracks TCP ports assigned by OPC servers for data connections and dynamically opens those ports in the firewall. A Sanity Check blocks any OPC requests not conforming to the DCE/RPC standard. Supports multiple OPC clients and servers. Programmable data connection delay period to shut down unused connections.
Authentication	n/a
Encryption	n/a
Filter	Supports all variations of DCOM-based OPC
Product variants	
Version + Nodes	Full version
Approvals	
MUSIC 2009-1	n/a
Modbus-IDA	n/a
Scope of delivery and accessories	
Scope of delivery	License activation via email.