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Data sheet
EAGLE Tofino VPN Client LSM - EAGLE Tofino VPN Client LSM

Industrial Ethernet:Industrial Firewall System:EAGLE 20 Tofino:EAGLE Tofino VPN Client LSM	
Name	**EAGLE Tofino VPN Client LSM**
Delivery informations	
Document created at	14-09-2010
Availability	available
Product description	
Description	Provides VPN client functionality for the EAGLE20 Tofino Security Appliance.
Type	EAGLE Tofino VPN Client LSM
Order No.	942 016-114
Diagnostics	
Diagnostic functions	Manage remote plants from a central facility. Provide secure access to plant facilities for remote personnel. Interconnect legacy non-IP equipment. Secure communications between critical controllers.
Alarm and event actions	Reports security alerts to the EAGLE Tofino CMP management console via the Tofino 'Exception Heartbeat' mechanism: Link Established Link Disconnected Authentication Failure
Configuration	
Configuration functions	Configuration is simple using a drag and drop interface. Test the VPN tunnel without risking control traffic. No changes required to the network design or addressing. Configuration and management is done centrally with the EAGLE Tofino CMP
User-settable options	The following options may be set for each connection: Endpoint IP address. IP address mask. Enable server routing between clients. Allow non-IP broadcast.
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	The EAGLE Tofino VPN supports legacy automation devices and protocols, and is industrially hardened. Best of all, it can be combined with other EAGLE Tofino LSMs, such as the EAGLE Tofino Firewall LSM or the EAGLE Tofino Modbus TCP Enforcer LSM, to provide a comprehensive security solution
Protocols	
Supported protocols	Industry-standard Secure Sockets Layer (SSL/TLS).
Security	
Security functions	Creates highly secure tunnels using Secure Sockets Layer (SSL) technology to protect control system integrity. Easy to deploy, test, and manage with drag and drop configuration interface. Testing of the VPN tunnel without committing control traffic to it. Supports legacy automation protocols. Interoperates seamlessly with other EAGLE Tofino LSMs to provide fine grained VPN access and SCADA-capable firewall protection. Industrially hardened.
Authentication	SHA-1, 160-bit key
Encryption	AES-CBC, 128-bit key
Filter	Tunnels all IP and non-IP Ethernet-based protocols.
Product variants	
Version + Nodes	Full version
Approvals	
MUSIC 2009-1	Certified (Foundation Level)
Modbus-IDA	n/a
Scope of delivery and accessories	
Scope of delivery	License activation via email.