

## Product information

### EAGLE Tofino VPN Client LSM

<b>Industrial Ethernet:Industrial Firewall System:EAGLE 20 Tofino:EAGLE Tofino VPN Client LSM</b>	
<a href="http://e-catalog.hirschmann.com/link/57078-24455-49853-100124-124074/en/conf/uistate">http://e-catalog.hirschmann.com/link/57078-24455-49853-100124-124074/en/conf/uistate</a>	
<b>Name</b>	<b>EAGLE Tofino VPN Client LSM</b>
	Provides VPN client functionality for the EAGLE20 Tofino Security Appliance.
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	Provides VPN client functionality for the EAGLE20 Tofino Security Appliance.
<b>Type</b>	EAGLE Tofino VPN Client LSM
<b>Order No.</b>	942 016-114
<b>Diagnostics</b>	
<b>Diagnostic functions</b>	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.
<b>Alarm and event actions</b>	Reports security alerts to the EAGLE Tofino CMP management console via the Tofino 'Exception Heartbeat' mechanism: Link Established Link Disconnected Authentication Failure
<b>Configuration</b>	
<b>Configuration functions</b>	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
<b>User-settable options</b>	The following options may be set for each connection: Endpoint IP address. IP address mask. Enable server routing between clients. Allow non-IP broadcast.
<b>Hardware requirements</b>	
<b>Network</b>	EAGLE20 Tofino Security Appliance
<b>Recommended resolution</b>	n/a
<b>Hard disk space</b>	n/a
<b>RAM</b>	n/a
<b>Processor</b>	n/a
<b>Software requirements</b>	
<b>Network device</b>	EAGLE Tofino Central Management Platform
<b>Operating system</b>	n/a
<b>SCADA /Process visualisation</b>	
<b>Supported SCADA systems</b>	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
<b>Protocols</b>	
<b>Supported protocols</b>	Industry-standard Secure Sockets Layer (SSL/TLS).
<b>Security</b>	
<b>Security functions</b>	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.
<b>Authentication</b>	SHA-1, 160-bit key
<b>Encryption</b>	AES-CBC, 128-bit key
<b>Filter</b>	Tunnels all IP and non-IP Ethernet-based protocols.
<b>Product variants</b>	
<b>Version + Nodes</b>	Full version
<b>Approvals</b>	
<b>MUSIC 2009-1</b>	Certified (Foundation Level)
<b>Modbus-IDA</b>	n/a
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	License activation via email.



# HIRSCHMANN

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