Network Critical
The Window to your Network™

The PacketPro™

Ethernet Packet Modification Module

DATA SHEET

010-1120-01

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The PacketPro™ can manipulate packets that are sent from the production network to the monitoring network.

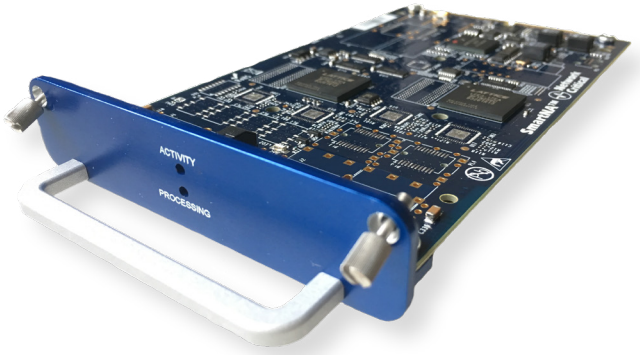
PacketPro slicing improves the efficiency and optimizes the performance of your monitoring and security appliances; forwarding only the appropriate packet data to appliances. This means less content needs to be processed, and storage requirements are reduced.

Network Critical's PacketPro ™ module successfully provides the intelligence required for improving your monitoring and security network performance. Manipulate packets sent from the production network to the monitoring network.

PacketPro masking is the key enabler for complance with regulations such as SOX, HIPAA and PCI-DSS; sensitive and confidential information, such as credit card numbers or medical records, can be hidden or removed with the PacketPro payload masking feature.

PacketPro protocol stripping removes unwanted packet headers allowing your monitoing and security applicances visibility into previously hidden traffic.

Capable of processing traffic from integrated TAPs, Bypass TAPs, SPAN ports, and Packet Brokers, PacketPro is a powerful edition to Network Critical's SmartNA-XL™ solutions for your network monitoring.



KEY FEATURES	BENEFITS
Powerful and flexible Ethernet packet slicing, header stripping and payload masking module.	Manipulation of network traffic results in optimization of your security or monitoring appliances.
Packet slicing: truncate packets at a particular byte to remove payloads	Reduces your appliance workload and storage requirements
Header stripping: remove any tunneling protocol to obtain the un-tunneled traffic for further processing (i.e. filtering), such as GRE, GTP(U/C), RTP, VN-Tag, MPLS.	Eliminate the need for additional expensive monitoring tools to decipher protocols. Visibility into tunneled or protocol-encapsulated flows.
Payload masking: erase or modify any part of the packet payload for analysis or archiving without the sensitive contents.	Ensures the protection of personally- or commerically-sensitive data
Configurable as 2x10G, or 4x1G line-rate full duplex parallel processing engines.	Flexible and future-proof solution
Key enabler for compliance with regulations such as SOX, HIPAA and PCI-DSS.	Meets compliancy requirements
User-configured customisable packet modifications.	Allows for personailsed packet configuration to ensure meaningful and accurate results
Process traffic from integrated TAPs, Bypass TAPs, SPAN ports, and NPBs.	A flexible and multi-use solution

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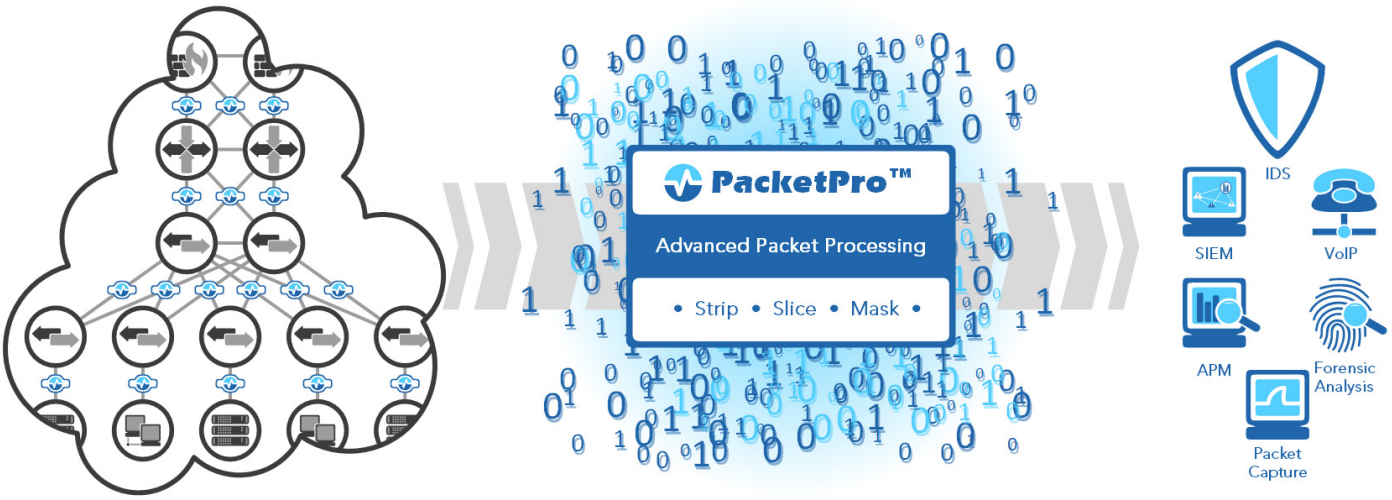

PRODUCT SPECIFICATIONS	
Ports	Management ports: 1x Ethernet, 1x Serial User definable: (Copper, SMF, MMF, SFP/SFP+ options available) Max 1Gb: 16, Max 10Gb: 4
Slots	1x 10G/1G Module, 3x 1G Module
Power	AC: 100V to 240V, DC: -42V to -63V, 30W (No modules present)
Authentication & Authorization	Local, RADIUS, TACACS+
Physical	Dimensions (mm): 450 (w) x 44 (h) x 450 (d), Mass: 2.2 Kg
Management	CLI via SSH & Serial, Web UI via HTTPS, SNMP v1/v2c/v3
Standards & Protocols	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, IEEE 802.3ae 10GBASE-X
MTU	10240 bytes (untagged), 10244 bytes (802.1q tagged)
Environment	RoHS Compliant, Operating temperature: 0˚C to 40˚C, Operating relative humidity: 20% to 80% non-condensing, Storage relative humidity: 15% to 85% non-condensing, Storage temperature: -20˚C to 70˚C
Compliance	Emissions: EN55022 class A, Immunity: ESD: EN61000-4-2, Radiated: EN61000-4-3, EFT/Burst: EN61000-4-4, Surge: EN61000-4-5, Conducted: EN61000-4-6, Power frequency magnetic □eld: IEC 61000-4-8, Voltage dips & interruptions: IEC 61000-4-11, Harmonics: EN 61000-3-2, Flicker: EN 61000-3-3, Safety: EN60950-1

SELECTED PART NUMBERS (More module types are available on request)	
5611	SmartNA-XL V-Line Module, (4) 10/100/1000 Ethernet
5621	SmartNA-XL V-Line Module, (2) SX Optical, (2) 10/100/1000 Ethernet
5622	SmartNA-XL V-Line Module, (2) LX Optical, (2) 10/100/1000 Ethernet
5701	SmartNA-XL Packet Processor

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