



**Network Critical**  
The Window to your Network™

# SmartNA™

Modular 10/100/1000 Network TAP & Packet Broker System

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**DATA SHEET**



The SmartNA™ chassis offers four slots to integrate a wide variety of TAP modules that safely connect tools while protecting network reliability and availability. The full range of hot-swap TAP modules includes fail-safe Copper, Passive Fiber Optic, and Bypass options which allow businesses to meet their rapidly evolving network monitoring demands.

The powerful 1Gbps chassis backplane allows copied traffic to be shared and filtered between the TAP modules without any throughput limitations.

The SmartNA™ is managed by Network Critical's web GUI interface that means deployment and change management are simple and accurate. Advanced features such as aggregation, filtering and port mapping are available through the GUI.

Data is the lifeblood of modern business. Network Critical's SmartNA™

## Network Critical's 1G SmartNA™ modular TAP & Packet Broker system enables clear visibility for tools that monitor network traffic and secure confidential information with a robust, proven design.

System is helping businesses keep information flowing efficiently and securely throughout their networks.

This cost competitive 1Gbps system offers an established track record of reliability, versatility and configurability.



### KEY FEATURES

Powerful, flexible 10/100/1000 modular TAP & Packet Broker system; custom access solutions for any network

Basic tapping, aggregation and/or advanced packet header filtering

Passive Fiber Optic Gigabit TAP modules

Multiple chassis options available, including 4-slot (1U), 12-slot (2U) or 1-slot (Portable) configurations

Hot-swap TAP modules for easy re-configuration and expansion to meet evolving network demands

Secure Command-Line and Graphical User Interfaces for fast, error-free user configuration

Failsafe Copper Gigabit TAP modules

### BENEFITS

Compatible with all major manufacturers' monitoring tools, including protocol analyzers, probes, and IDS

Ideal solution for implementation into legacy 10/100/1000Mb network environments

Maximise visibility, and increase efficiency for connected monitoring and security tools

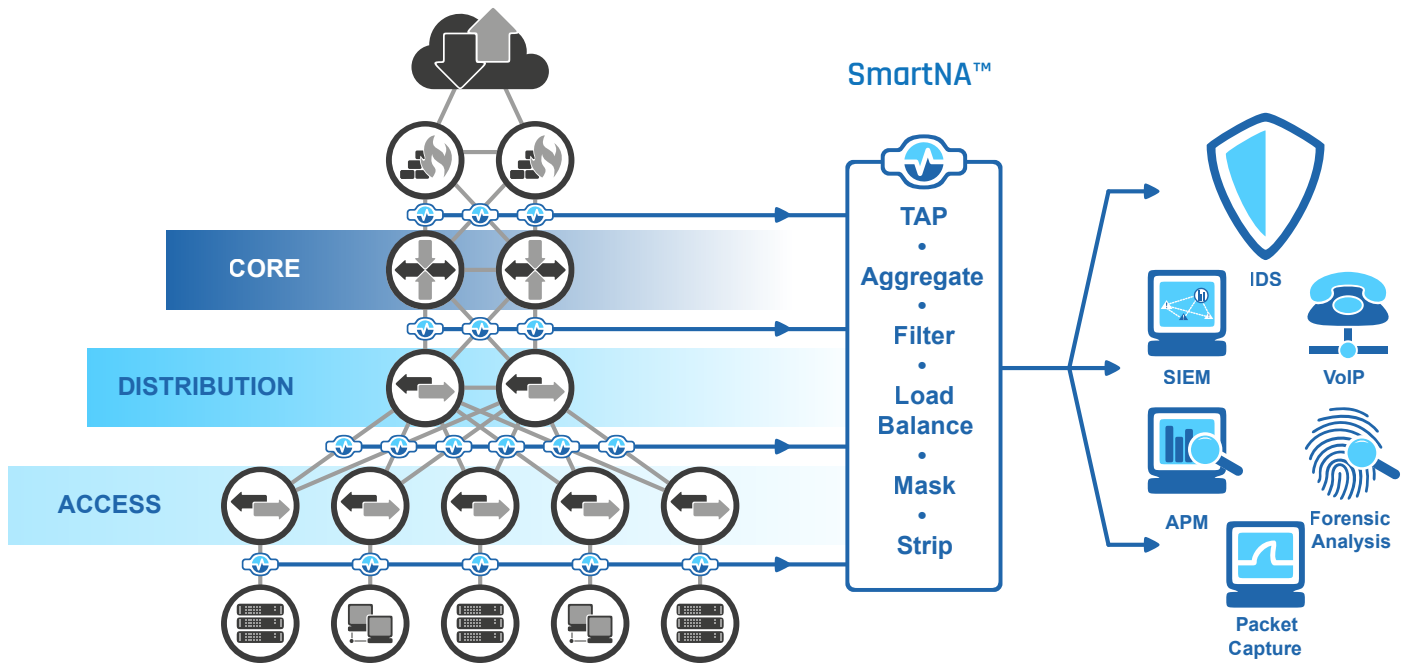
Zero latency, no point of failure

Flexible, Robust, Reliable, Proven technology providing cost effective visibility for small to medium enterprise networks

Flexible provision new tools quickly and easily

Ease of use traffic mapping

No point of failure, batteries not required



### PRODUCT SPECIFICATIONS

<b>Ports</b>	User definable Copper, SMF, MMF, SFP options available Max 1Gbps: 16 Management ports: Optionally 1x Ethernet, or 1x Serial
<b>Slots</b>	4x 1Gbps TAP Modules 1x 1Gbps Management Module
<b>Power</b>	AC: 85V to 264VAC, DC: -36V to -72VDC 60W (No modules present), Max 90W
<b>Authentication &amp; Authorization</b>	Local only
<b>Physical</b>	Dimensions (mm): 450 (w) x 44 (h) x 315 (d), Max Mass: 3.5 Kg (7.7 lb)
<b>Management</b>	Web UI (Drag-n-Vu™) via HTTPS/HTML5, CLI via SSH/RS-232, SNMP v1
<b>Standards &amp; Protocols</b>	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, IEEE 802.3ae
<b>MTU</b>	General System: 1632 bytes, Bypass Module: 16383 bytes
<b>MTBF</b>	SNAM: > 821,000 hours SNAC: > 465,000 hours SNAE: > 1,194,000 hours
<b>Environment</b>	RoHS Compliant, Operating temperature: 0°C to 50°C, Operating relative humidity: 20% to 80% non-condensing, Storage relative humidity: 10% to 90% non-condensing, Storage temperature: -20°C to 85°C
<b>Compliance</b>	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 field: 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)**

<b>SNAC1-AC</b>	SmartNA 1U Chassis, [4] TAP Module Slots, [1] Controller Module Slot, [2] AC PSU
<b>SNAE-RJ6v2</b>	SmartNA Secure Controller Module, (RJ45)
<b>SNAE-RS</b>	SmartNA Controller Module, (RS-232)
<b>SNAM-RJRJ6</b>	SmartNA TAP Module, Ports: [4] Failsafe Copper RJ-45 (10/100/1000Mb)
<b>SNAM-MCSF6</b>	SmartNA TAP Module, Ports: [2] SX Passive Optical (50:50), & [2] SFP (16b)
<b>SNAM-SCSF6</b>	SmartNA TAP Module, Ports: [2] LX Passive Optical (50:50), & [2] SFP (16b)
<b>SNAM-RJRJV</b>	SmartNA Bypass Module, [2] RJ-45 Active Bypass, & [2] Copper RJ-45 (100/1000Mb)
<b>SNAM-MSSFV</b>	SmartNA Bypass Module, [2] SX Active Bypass Optical, & [2] SFP (16b)
<b>SNAM-SSSFV</b>	SmartNA Bypass Module, [2] LX Active Bypass Optical, & [2] SFP (16b)

For more information about the SmartNA System, please visit [www.networkcritical.com](http://www.networkcritical.com)

For quotes and inquiries, please contact [sales@networkcritical.com](mailto:sales@networkcritical.com)

