Network Critical
The Window to your Network™

SmartNA™

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

DATA SHEET

010-1020-01

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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.

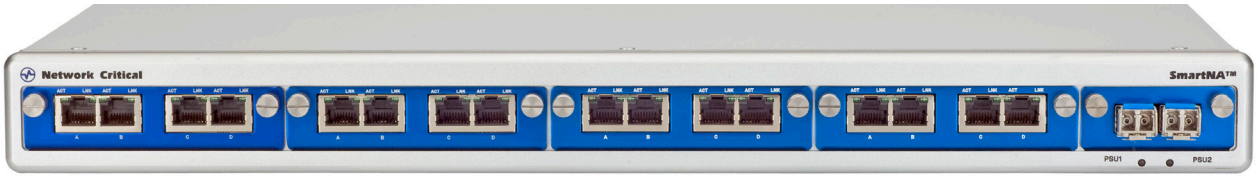
The powerful 1Gbps chassis backplane allows copied traffic to be shared and filtered between the TAP modules without any throughput limitations.

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.

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™ System is helping businesses keep informationflowing efficiently and securely throughout their networks.

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



KEY FEATURES	BENEFITS
Powerful, flexible 10/100/1000 modular TAP & Packet Broker system; custom access solutions for any network	Compatible with all major manufacturers' monitoring tools, including protocol analyzers, probes, and IDS Ideal solution for implementation into legacy 10/100/1000Mb network environments
Basic tapping, aggregation and/or advanced packet header filtering	Maximise visibility, and increase efficiency for connected monitoring and security tools
Passive Fiber Optic Gigabit TAP modules	Zero latency, no point of failure
Multiple chassis options available, including 4-slot (1U), 12-slot (2U) or 1-slot (Portable) configurations	Flexible, Robust, Reliable, Proven technology providing cost effective visibility for small to medium enterprise networks
Hot-swap TAP modules for easy re-configuration and expansion to meet evolving network demands	Flexible provision new tools quickly and easily
Secure Command-Line and Graphical User Interfaces for fast, error-free user configuration	Ease of use traffic mapping
Failsafe Copper Gigabit TAP modules	No point of failure, batteries not required

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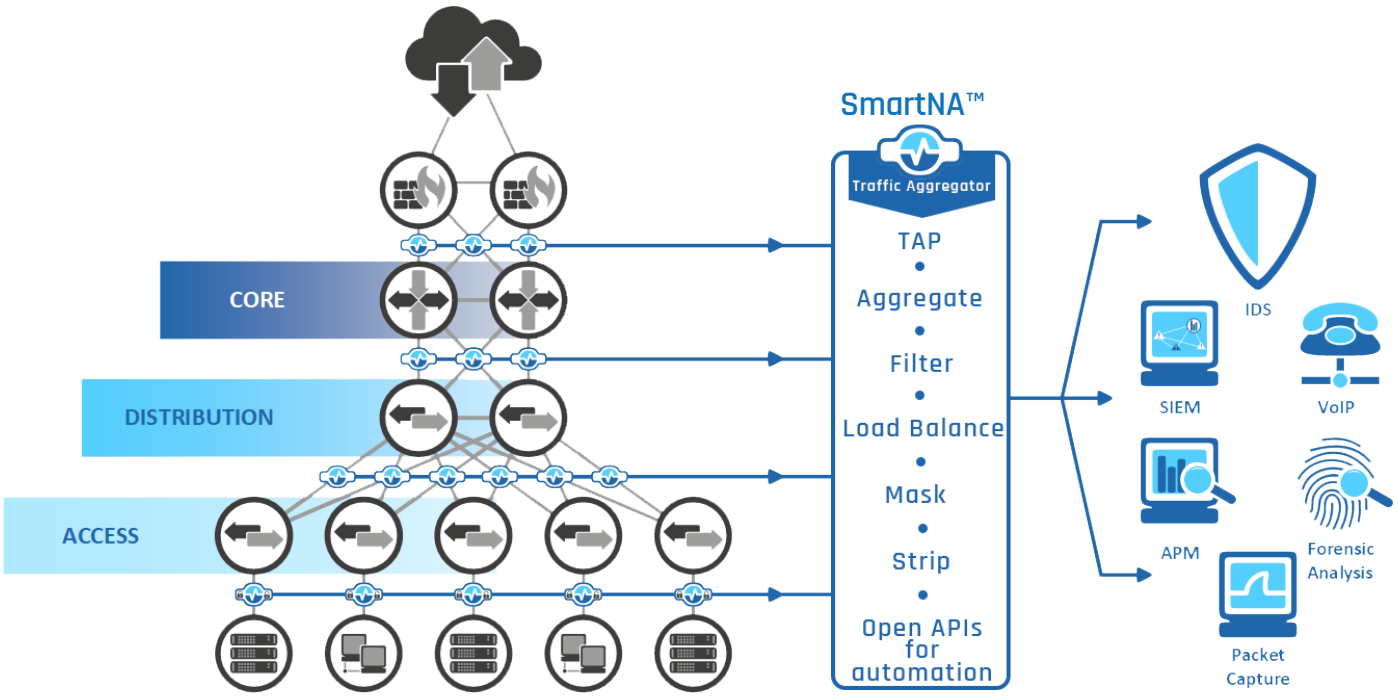

PRODUCT SPECIFICATIONS	
Ports	User definable Copper, SMF, MMF, SFP options available Max 1Gbps: 16 Management ports: Optionally 1x Ethernet, or 1x Serial
Slots	4x 1Gbps TAP Modules 1x 1Gbps Management Module
Power	AC: 85V to 264VAC, DC: -36V to -72VDC 60W (No modules present), Max 90W
Authentication & Authorization	Local only
Physical	Dimensions (mm): 450 (w) x 44 (h) x 315 (d), Max Mass: 3.5 Kg (7.7 lb)
Management	Web UI (Drag-n-Vu™) via HTTPS/HTML5, CLI via SSH/RS-232, SNMP v1
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
MTU	General System: 1632 bytes, Bypass Module: 16383 bytes
MTBF	SNAM: > 821,000 hours SNAC: > 465,000 hours SNAE: > 1,194,000 hours
Environment	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
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 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

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SELECTED PART NUMBERS (More Module types are available on request)	
SNAC1-AC	SmartNA 1U Chassis, [4] TAP Module Slots, [1] Controller Module Slot, [2] AC PSU
SNAC2-AC	SmartNA Chassis, (12) Module Bays, (1) Controller Module Bay, (2) AC PSU
SNAC0-AC	SmartNA Portable Chassis, (1) Module Bay, (2) AC External PSU
SNAE-RJ6v3	SmartNA Secure Controller Module, (RJ45)
SNAE-RS	SmartNA Controller Module, (RS-232)
SNAM-RJRJ6	SmartNA TAP Module, Ports: [4] Failsafe Copper RJ-45 (10/100/1000Mb)
SNAM-MCSF6	SmartNA TAP Module, Ports: [2] SX Passive Optical (50:50), & [2] SFP (1Gb)
SNAM-SCSF6	SmartNA TAP Module, Ports: [2] LX Passive Optical (50:50), & [2] SFP (1Gb)
SNAM-RJRJV	SmartNA Bypass Module, [2] RJ-45 Active Bypass, & [2] Copper RJ-45 (100/1000Mb)
SNAM-MSSFV	SmartNA Bypass Module, [2] SX Active Bypass Optical, & [2] SFP (1Gb)
SNAM-SSSFV	SmartNA Bypass Module, [2] LX Active Bypass Optical, & [2] SFP (1Gb)

For more information about the SmartNA System, please visit www.networkcritical.com
For quotes and inquiries, please contact sales@networkcritical.com

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