SmartNA-X™ System
Modular 1G/10G Network TAP & Packet Broker

Network Critical
The Window to your Network™

Network Critical's unique SmartNA-X modular TAP and Packet Broker enables clear visibility to tools that monitor network traffic and secure confidential information so vital to the success of the organization.

The SmartNA-X provides powerful and flexible traffic access solutions delivering advanced features to increase tool efficiency and reporting accuracy for 1Gbps to 10Gbps networks.

The SmartNA-X is powered by Network Critical's Drag-n-Vu, a sophisticated computational engine with an intelligent and intuitive graphical user interface that enables fast, error-free configuration and simplifies change management.

SmartNA-X allows businesses to easily configure, reconfigure and customize a full range of hot-swap modules including Fail-safe Copper TAPs, Passive Fiber Optic TAPs, Bypass TAPs, and advanced packet
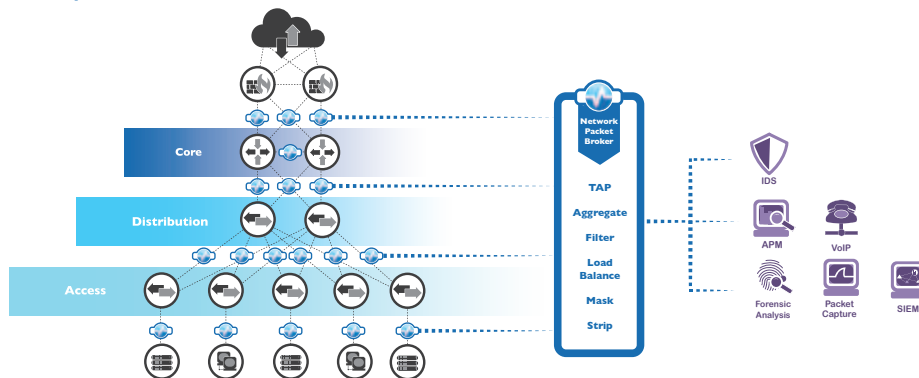
processors to meet rapidly evolving network demands.

Data is the lifeblood of modern business. Network Critical's SmartNA-X is helping businesses keep information flowing efficiently and securely throughout their networks.

Key Features & Benefits

◆ Powerful, flexible 1G/10G modular TAP & Packet Broker system; custom access solutions for any network

◆ Intelligent and intuitive Drag-n-Vu™ user interface for fast, error-free configuration

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

◆ L2-4 Packet filtering, VLAN Tagging, Load Balancing

◆ PacketPro™ advanced packet manipulation: Packet Slicing, Header Stripping, Payload Masking

◆ Provision new tools quickly and easily, eliminating SPAN port contention

◆ Maximum visibility, and increased efficiency for connected monitoring and security tools

◆ Fastfail™ Copper Gigabit TAP modules - no point of failure, batteries not required

◆ Passive Fiber Optic Gigabit TAP modules - zero latency, no point of failure

◆ Bypass Gigabit TAP modules - automatic appliance bypass, no point of failure

◆ Key enabler for compliance with regulations such as SOX, HIPAA, and PCI-DSSManage network visibility and access centrally, remotely and or locally

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

◆ Primary access solution for all packet capture, performance monitoring, lawful interception and forensic analysis applications

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100% Network Visibility

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 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)

5010	SmartNA-X Chassis (4) Module Bays, (2) 10GbE SFP+, with Drag-n-VU
5501	SmartNA-X Module, (2) 10GbE SFP+, (2) 1GbE SFP
5511	SmartNA-X Module, (4) RJ45-10/100/1000 Ethernet
5523	SmartNA-X Module, (2) SX Optical Splits, (2) RJ45-10/100/1000 Ethernet
5524	SmartNA-X Module, (2) RJ45-10/100/1000 Ethernet (2) 1GbE SFP
5611	SmartNA-X Bypass Module, (4) 10/100/1000 Ethernet
5621	SmartNA-X Bypass Module (2) SX Optical (2) 10/100/1000 Ethernet
5622	SmartNA-X BypassModule (2) LX Optical(2) 10/100/1000 Ethernet
5701	SmartNA-X Packet Processor

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