– PacketSled & Niagara Networks provide Sophisticated Network Forensics and Visibility Solution –

Comprehensive Network Monitoring and Breach Detection with PacketSled Sensor

PacketSled, a leader in Network Security and Niagara Networks, a leader in Network Visibility and Uptime Solutions, have partnered to ensure a complete network security solution by providing continuous monitoring, breach detection, incident response, and full network forensics across single and multi- network link deployments.

Together, PacketSled and Niagara Networks offer an infinitely scalable, plug- and-play, passive monitoring solution that delivers industry leading network security while ensuring network visibility and uptime, with intuitive user interface, reporting and alerts.

Challenge

Protecting the enterprise from an ever-evolving threat landscape requires both real time analytics and a comprehensive forensic history across complex network architectures. These functions must be provided at scale and in a cost effective manner.

Additionally, to produce meaningful ROI, a user interface which allows analysts to leverage the resulting detections and history, should allow organizations to reduce the time required to investigate and resolve network security incidents.

Solution Benefit Summary

• Plug & Play, User friendly Web GUI/Management

• Scalable Enterprise Grade Visibility & Security Solution

• Ensures Comprehensive Network Access, Visibility and uptime

• Support for 10G & 1G Network TAP, Filtering, Mirroring, Aggregation, Load Balancingand Speed Conversion between Network Links & Monitoring/Security Tools

• Continuous Monitoring and Breach Detection

• Comprehensive Network Forensics

• Software based Sensors can be deployed on commodity hardware or in virtual environments

• Detection via Analytics, Signature, Behavioral and File Analysis

• Query and Visualize Network Traffic

• Network Analytics, Reporting and Alerting

• Cost-Effective Solution

Solution

Together, PacketSled and Niagara Networks provide a scalable solution that ensures Network Visibility into 1G and 10G Critical Network links. The solution provides a forensic record of network traffic allowing the identification, analysis and resolution of sophisticated security threats, breaches, and anomalous user behavior.

A Niagara Network 1G or 10G Network TAP or a Span port can be connected to the Niagara Networks' Niagara 4248. The Network Packet Broker prots (1G/10G flexible SFP+ ports) provide the ability to load balance, aggregate, filter, and/or mirror the Network traffic provided by the TAP or Span to one or multiple PacketSled sensors.

The integrated solution provides a passive network monitoring and visibility package tailored to protect enterprises, service providers, Telco's, data centers, governments and institutions.
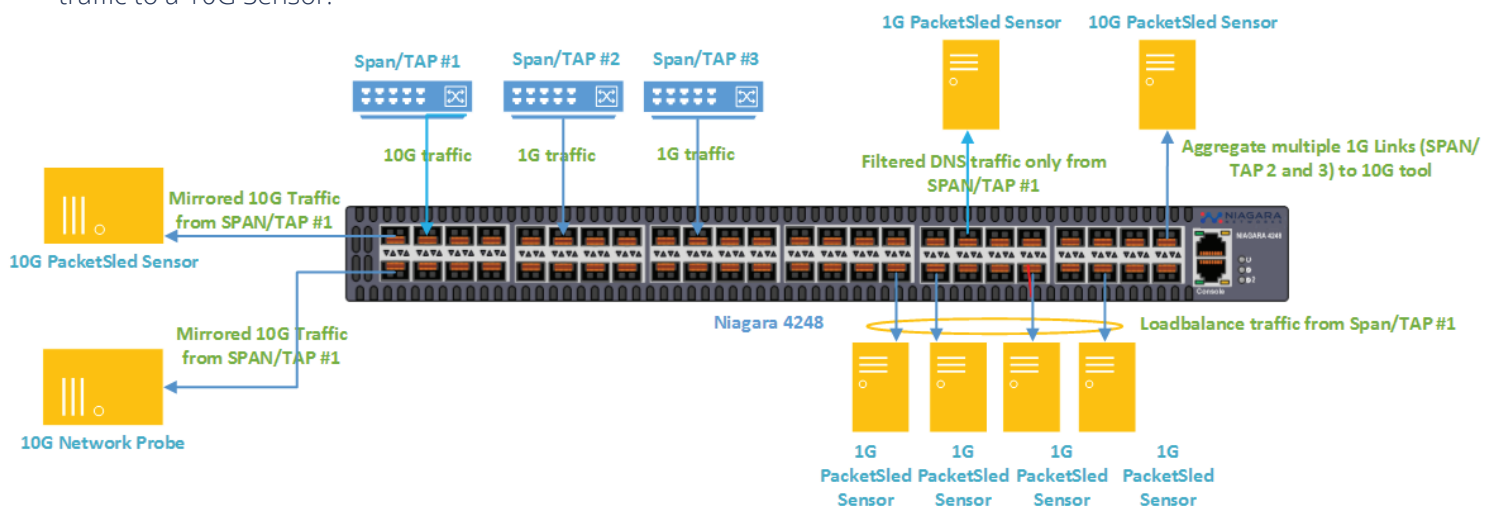
Solution Applications

Common applications of Niagara Network's 4248 Network Packet Broker & PacketSled Sensors are as follows:

• Niagara 4248 provides session-based loadbalancing and network speed conversion which enables 10G Network-links to be monitored by 10G or 1G Security/Monitoring tools. With the Niagara 4248 in place, an end customer can simply connect 10G Network links into the Niagara 4248 (via TAP or SPAN) and load balance the10G feed to a series of 1G or several 10G PacketSled Sensors, while maintaining session integrity.

• Niagara 4248 provides ability to Filter 10G traffic based on IP, MAC, Port, Protocol, VLAN ID or create a userde-fined byte and then send only the traffic that is relevant to the PacketSled Sensor for processing, enabling the Sensor to focus on the types of network traffic that pose a threat to the network and drop the rest. An example would be to take in a 10G feed and filter out DNS or Port 53 traffic and send only that traffic via a port to a Network Packet Broker port on a Sensor.

• Niagara 4248 provides the capability to take in a 10G or 1G network feed and mirror that traffic to multiple Pack-etSled Sensors (or a PacketSled Sensor and one or multiple other brands of monitoring or security devices) to provide in-depth, multi-layered analysis on the same critical network link.

• Niagara 4248 can enable multiple 1G network links to be tapped/spanned and then aggregated to a 10G Packet-Sled Sensor for analysis and monitoring. An example would be tapping the marketing, accounting, engineering and operations department 1G network links, collecting and aggregating the traffic via the Niagara 4248 and sending the traffic to a 10G Sensor.
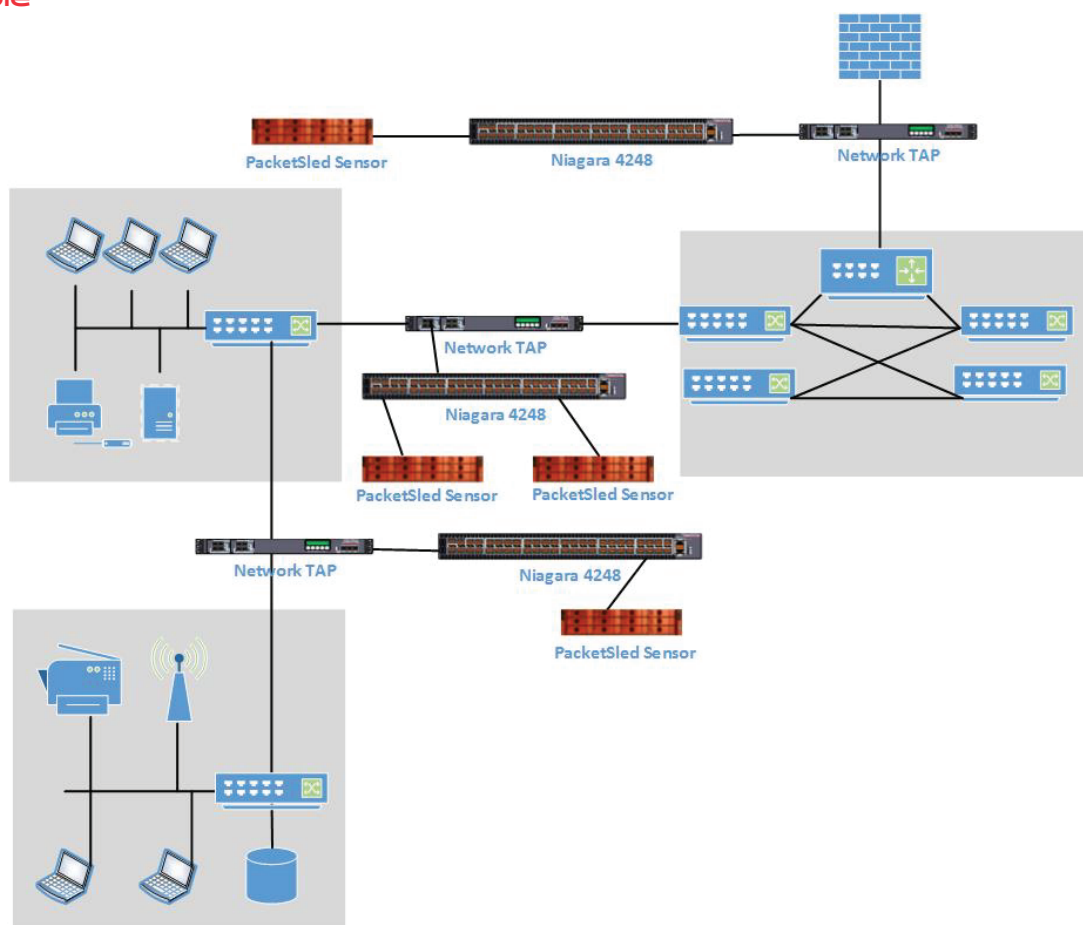

Application Diagram - Niagara Networks 4248 and PacketSled Sensor

Deployment Options

The PacketSled/Interface Masters Solution can be passively deployed at any strategic network point including:

• Core/BackBone	• Site to Site	• Edge
• Distribution	• Corporate Backhaul	• DataCenter/Central Office
• Access	• Remote Office	• DMZ

Example

Example Network Topology Diagram

About PacketSled

PacketSled provides a cloud-based Breach Detection, Network Forensics and managed Incident Response platform. PacketSled continuously monitors for advanced threats and provides full-fidelity network history, allowing analysts to identify and respond to incidents in record time. Software Sensors can be deployed across the Enterprise in 15 minutes. The company is based in San Diego with offices in San Mateo. For more information, please visit: www.packetsled.com

About Niagara Networks

Niagara Networks is a Network Visibility industry leader, with emphasis in 1/10/40/100 Gigabit systems including Network TAPs, External Bypass Switches, and Network Packet Brokers that integrate with monitoring systems, inline networking appliances, IPS, UTM, Load Balancing, WAN acceleration, and other mission-critical IT and security appliances. Formerly part of Interface Masters, a Silicon Valley based network solutions company, Niagara Networks recently spun off from Interface Masters to focus on its core competencies, and developed an independent company identity.

Niagara Networks offers the highest port-density systems, the most complete hybrid systems, and the highest quality and feature-rich Bypass Solutions in the market. Niagara's unique and modular designs, innovative next generation Network Visibility technology, including the 100 Gigabit-capable Network Packet Broker with hybrid functionality, and the ability to tailor systems to exact customer specifications, allow it to lead the industry with high quality, innovative products and exceptional service. For more information, please go to: www.niagaranetworks.com