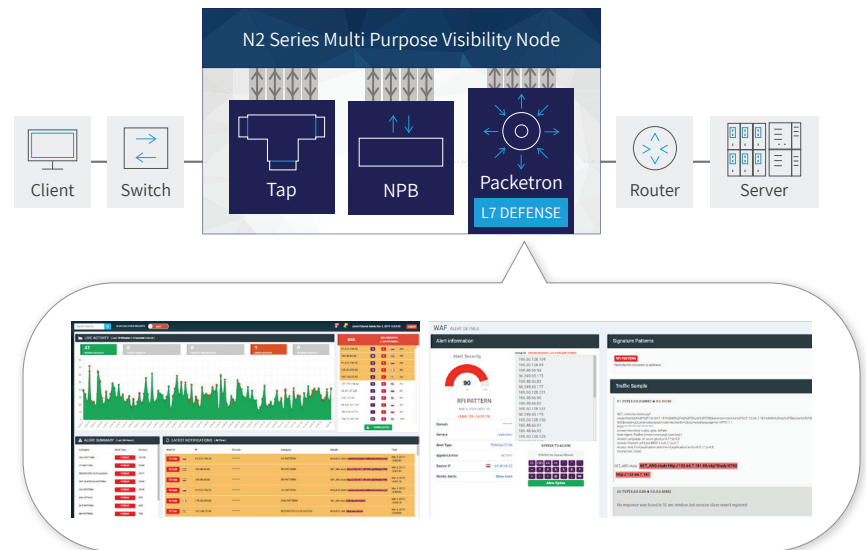


## L7 Defense & Niagara Networks Deliver DDoS Mitigation in the Visibility Layer

Organizations with large enterprises networks are constantly dealing with DDoS – Denial-Of-Services attacks. Although these attacks are not new, they are just more effective causing massive damages to websites, outages and interruption to transaction processing.

Organizations look to defend against DDoS attacks with prevention solutions that offers different protection categories. Niagara Network and L7 Defense established their global partnership to offer unique approach for DDoS mitigation coupled with robust visibility platform.



### Challenges

The goal of the DDoS attack is to consume network resources including infrastructure such as firewalls, core routers, DNS servers to the point that they have no capacity left for legitimate traffic.

DDoS mitigation and protection are a challenge for several reasons. First, the ability to manage legitimate spike in traffic versus attack traffic. Secondly, to have a robust network architecture with path redundancy and expertise in house to configure the network during the attack. Thirdly, a wide range of attack types and technics are hard to mitigate. Last but not least, Luck of visibility, https blind spots and DNS point of failure.

### Joint Solution benefits

L7Defense and Niagara Networks have joined forces to offer The Ammune™ for DDoS (ADS) solution by L7 Defense as a unique integrated solution on the Niagara’s Network Packet Broker. L7 Defense is fully protecting financial services, e-commerce, gaming, media and critical infrastructure from the most advanced, AI-driven Distributed Denial of Service (DDoS) attacks.

- With Ammune’s unique, real-time “unsupervised learning” technology, DDoS attacks are mitigated on-the-spot while preventing downtime of application servers that commonly results in vast operational expenses and revenue losses. Organizations gain extremely accurate, early-response DDoS protection with laser precision to target malicious attacks in a unified landscape of good and bad internet traffic.
- Unprecedented NPB & DDoS Integration: Niagara Networks and L7Defensed offer a unique combination that is unrivaled between any NPB and DDoS joint solution duo. Niagara Networks captures all traffic of interest from anywhere in the network and provides full packet visibility to the DDoS agile inspection platform.
- Simplified Deployment The jointly integrated The Ammune™ for DDoS and Niagara Networks solution makes it a perfect solution for midsize and large network deployments or remote locations at any rate from 1/10/40/100G.
- Integrated N/APM NPB Visibility Niagara Networks can host The Ammune™ for DDoS on its native x86 host platform for a pre-integrated solution. Customers can benefit
- Niagara Network integrated NPB provides “Always on” sniffing inbound & outbound traffic to detect cyber-attacks and process full analysis of the incoming requests is made through a unique, application-aware process
- Identify - Isolate in real time the exact attacking vectors.
- Identification ability is not limited by the number of vectors attacking simultaneously
- Detection sensitivity is not limited by attack amplitude, overall traffic volumes or attack length
- Generate on-the-spot signatures optimized for the discovered attacking vectors
- Mitigate - Automatically load the optimized signatures, which are fed to a reverse proxy or to transparent inspection systems and used to mitigate bad requests
- Filter out attacking requests based on the optimized signatures

## About L7 Defense

L7 Defense is the first company to apply the “innate” immune model in the cybersecurity. It is a first line “unsupervised learning” technology, in which a family of defense products are built upon. Ammune™ technology is made to protect from major AI-driven botnet attacks, which define the next-wave of fatal cyber-attacks. It is an evolving technology which is used to protect from cyber-attacks starting at the hardware level up to network and cloud defense needs.

## About Niagara Networks

Niagara Networks provides high performance network visibility solutions for seamless administration of security solutions, performance management and network monitoring. Niagara Networks products provide advantages in terms of network operation expenses, downtime, and total cost of ownership.

A former division of Interface Masters, Niagara Networks provides all the building blocks for an advanced Visibility Adaptation Layer at all data rates up to 100Gb, including Taps, bypass elements, packet brokers and a unified management layer. Thanks to its integrated in-house capabilities and tailor-made development cycle, Niagara Networks are agile in responding to market trends and in meeting the customized needs of service providers, enterprise, data centers, and government agencies.