



“You cannot manage or protect what you cannot see”

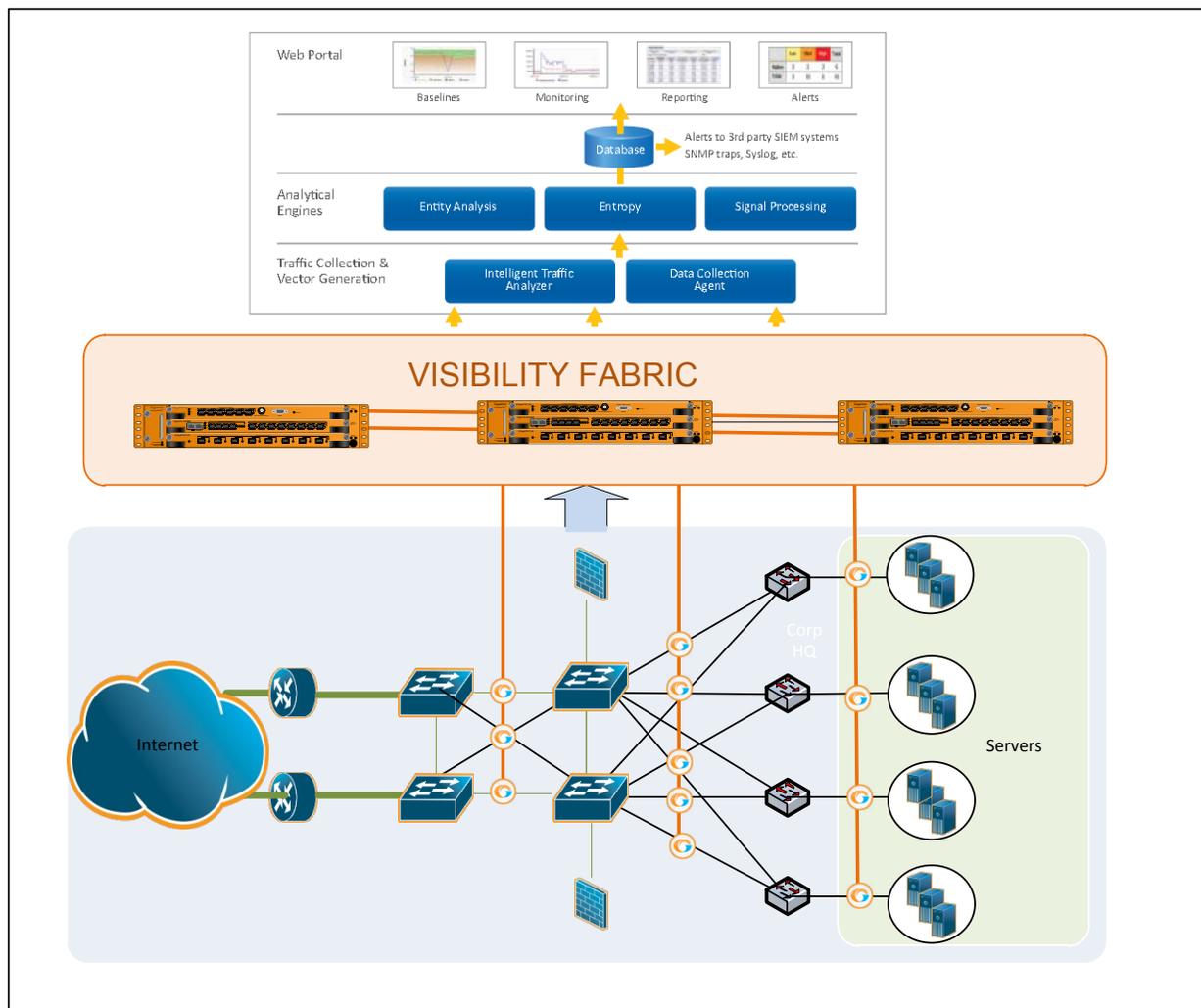
Pervasive Network Visibility and Analysis is one of top security challenges facing IT organizations, a problem exacerbated by the proliferation of web-based applications and increasing network complexity. In today’s “Borderless Networks” where data is more mobile and accessible than ever, organizations are facing new and increasingly tough challenges of ensuring confidentiality, integrity and availability of business critical traffic. Network and security administrators who do not have visibility into the traffic flowing in and out of their networks will find it nearly impossible to detect anomalous and potentially malicious network activities. You cannot manage or protect what you cannot see. A holistic solution, while complementing the existing security architecture, should also provide in-depth visibility into the network enabling security personnel to quickly identify cyber-attacks and insider threats.

SOLUTION OVERVIEW

Changes in IT infrastructure and usage models, including mobility and cloud computing have dissolved traditional enterprise security perimeters. While new web-based applications and mobile devices can help organizations improve productivity, enable business processes, and empower

employees, they also introduce new risks. This combination of cloud computing, mobile traffic platforms, and social networking have given rise to a whole new breed of threats, web-borne malware, zero-day attacks and Advanced Persistent Threats (APT’s). As threats become more sophisticated and workplace traffic leaks grow more prevalent, existing safeguards are no longer enough. Security therefore, needs to be implemented as a layered approach providing end-to-end protection with traditional solutions such as firewalls, IDS’s etc augmented with tools that can provide real-time on-demand traffic visibility, analysis and anomaly detection.

Narus® and Gigamon® have partnered to deliver a highly scalable multi-layered security solution capable of protecting a complex network of any size. Using the Gigamon Traffic Visibility Fabric, IT administrators can collect detailed network forensics, thereby enabling the best-of-breed Narus Insight Traffic Intelligence Systems to provide the industry’s most advanced real-time cyber protection, intercept and traffic management applications. Armed with this information, IT infrastructure teams have unprecedented visibility into their networks, thereby providing the essential insight required for supporting the rapid deployment of new services and securing delivery of existing services.



The GigaVUE® Traffic Visibility Network establishes an enterprise class, scalable framework, utilizing purpose built appliances to increase the efficiency of monitoring and security tools. Gigamon's unique patented GigaVUE Flow Mapping™ technology augments the NarusInsight™ Suite of products by sending only the specific, user-defined traffic of interest to the CyberProtection and CyberAnalytics applications. One gigabit or ten gigabit traffic streams mirrored from the core network infrastructure are aggregated and filtered by the Gigamon Traffic Visibility Fabric, so that the right kind of information is delivered to the NarusInsight™ Analytics Applications at the right time, without impacting production traffic. Using the Gigamon session-aware load balancing also called as GigaSTREAM™, the traffic of interest can be distributed across multiple load sharing instances of the Adaptive Anomaly Detection Engines, thereby improving the scalability of the solution

By intelligently segregating, filtering and load balancing relevant traffic, Gigamon enables NarusInsight in providing IT organizations with immediate visibility and proactive diagnostics necessary to manage and secure their networks.

Narus

Narus is the global leader in real-time traffic intelligence for the protection and management of large IP networks. Narus is the only software company that provides security, intercept and traffic management solutions within a single, flexible system. With Narus, service providers, governments and large enterprises around the world can immediately detect, analyze, mitigate and target any unwanted, unwarranted or malicious traffic. Narus

solutions provide its customers with complete, real-time insight into all of their IP traffic from the network to the applications, enabling customers to take the most appropriate actions quickly.

GIGAMON

Gigamon provides intelligent Traffic Visibility Networking solutions for enterprises, data centers and service providers around the globe. Our technology empowers infrastructure architects, managers and operators with unmatched visibility into the traffic traversing both physical and virtual networks without affecting the performance or stability of the production environment. Through patented technologies, the Gigamon GigaVUE portfolio of high availability and high density products intelligently delivers the appropriate network traffic to security, monitoring or management systems. With over seven years experience designing and building intelligent traffic visibility products in the US, Gigamon serves the vertical market leaders of the Fortune 1000 and has an install base spanning 40 countries.

LEARN MORE

For more information on the Narus and Gigamon solution, contact:



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