**Attivo Networks** - With the BOTsink Solution, you can immediately uncover attacks brought into your network, typically unwittingly by users who often bypass existing security measures -- you quickly and accurately identify BOTs and APTs that may have been introduced by infected: Employee-owned devices – BYOD mobile workers accessing resources remotely, outside the firewall and 3rd party vendors and suppliers; Unlike traditional security solutions that are inline and rely on signatures (attack patterns) and known attacker command and control (C&C) addresses to try to identify suspicious attack activity, Attivo BOTsink Solutions focuses on the attackers that reached the network. It looks for BOTs and APTs probing your environment looking for your high value assets; it accelerates their detection, so you can stop them before they can reach their destination.

**Gigamon Systems** - Gigamon provides a data access switch for unobtrusive, simultaneous connectivity from any access point (span port or tap) to any monitoring, analyzing, or security tool. The GigaVUE-MP multiplexes, aggregates and filters traffic. Multiplexing solves the problem of too few span ports for too many tools, enabling multiple tools to share a single access point. Aggregation saves money by combining traffic from multiple access points to one or more tools reducing inefficient distributed tool expense and providing a unique total network view. Hardware bit-mask filters enable custom mapping of individual packets or session streams from multiple access points to multiple tools, enhancing tool performance and effectiveness.

**ThousandEyes** - Extend monitoring visibility beyond enterprise networks into the Internet. Troubleshoot DNS, BGP, IP, TCP, VOIP, MPLS and other network technologies. Quickly correlate network and application layer metrics to optimize performance. Customize alerting to be notified of performance or security issues. Easily deploy with lightweight agents and cloud-based software platform ThousandEyes monitors internal and external network performance to pinpoint where and why network issues occur, improving application delivery and reducing service interruptions. Your enterprise IT, online operations and network security teams will be able to instantly identify the source of problems, even if it's outside your network.

**Splunk** - Splunk is a powerful search engine for logs and IT data. It indexes, manages and enables you to search logs and data from any application, server or network device in real time. Splunk is easy to download, install and use. Enterprises users are able to achieve higher availability, meet compliance requirements and cut IT costs. Splunk achieves the highest performance technology for IT data and provides optimal availability in applications and services. The product facilitates and automates alerting and reporting. It also reduces operations costs and the time needed to investigate and resolve performance issues directly contributing to increased internal and external SLA performance.
Palo Alto Networks – a “next generation” firewall. Palo Alto firewalls enable unprecedented visibility and control of applications, users, and content – not just ports, IP addresses, and packets – using three unique identification technologies: App-ID, User-ID, and Content-ID. These identification technologies, found in every Palo Alto Networks’ enterprise firewall, enable enterprises to embrace Web 2.0 and maintain complete visibility and control. Content-ID uses a stream-based scanning engine and a uniform signature format to look for and block a wide range of attacks including vulnerability exploits, viruses, spyware, and worms. Stream-based scanning means that threat prevention begins as soon as the first packet is scanned while the uniform signature format eliminates redundant processes common to multiple scanning engine solutions (TCP reassembly, policy lookup, inspection, etc.). The result is a reduction in latency and improved performance.

eGinnovations. – eG is a global provider of performance monitoring, root cause analysis and triage solutions for both virtual and physical IT infrastructures. The company’s patented technologies provide proactive monitoring of every layer of every tier in the infrastructure, thereby enabling rapid diagnosis and recovery in enterprise and service provider networks. By ensuring high availability and optimum performance of mission-critical business services, eG Innovations’ solutions help enhance customers’ competitive positioning, lower operational costs and optimize the performance of their infrastructures. The product offers superior Virtual Desktop (VDI) and Citrix monitoring.

Infoblox - Infoblox is the leading developer of network identity appliances that connect applications to the network infrastructure. Infoblox’s appliances for IP Address Management, DNS/DHCP, RADIUS, and LDAP help companies build infrastructure that is more secure, easier to manage, and more reliable than traditional solutions - and Infoblox’s distributed platform simplifies management across the network. These appliances simplify and secure the network by hardening the delivery of each protocol and they work together to provide true integrated identity services and centralized data management. Infoblox’s products help businesses build networks that are more secure, cost less to operate, and easily scale as network infrastructures grow.

InfoBlox (Trinzic Network Automation) – Trinzic provides change monitoring and tracking which shows who changed what, where and when it occurred. Collection and archiving of current and all historical configurations with easy-to-view, side-by-side comparison is provided. Job creation, including dynamic template selection based on device, network attributes and location is simply achieved. Easy imports exist for Perl scripts as well as access by additional staff for automation of complex changes with dynamic templates or script variable population. User-based permission controls ensure individuals have access to only desired devices or locations. Job approval process is available for multiple authority level and peer review enforcement when needed. Single or multi-device change execution is standard. A rollback option can be invoked to return configuration settings to those of a previous template during a disaster recovery. Update real-time device configuration and attributes with CMDB can be utilized as necessary.
NIKSUN’s NetVCR is an advanced real-time network appliance for service and application performance monitoring. It intelligently integrates vital management functions into a single scalable architecture to facilitate proactive end-to-end SLA/QoS measurement, reporting and surveillance. NetVCR provides a large array of benefits including proactive alerting from link to application, point and click diagnostics and troubleshooting. Advanced functions include planning/trending, accounting/usage (including DiffServ), Application services monitoring includes e-commerce, email, VoIP, Multicast, FIX, custom applications, Performance analysis includes loss, delay, latency, jitter, service/application response time, good output, throughput and seamless integration with other management systems.

Netskope's cloud application visibility, control and analytics are very strong. The depth and flexibility of its product features are differentiators in the cloud security market. Netskope enables companies to identify & encrypt (or block) specific data in transit as it's being uploaded into the SaaS app. The product will also encrypt data already residing in those repositories (such as OneDrive - the storage drive for Office 365, or DropBox, Box, etc.) Netskope also provides blocking of sharing data residing in those sanctioned repositories to other storage apps. Lastly, the application enables for the protection of data being accessed outside of the firewall perimeter via mobile devices.

SecureSphere Platform - The SecureSphere platform provides database, file and web application security across physical and virtual systems in data centers, including those in traditional on-premises data centers as well as those in private, public and hybrid cloud environments. With flexible deployment options and administration capabilities, SecureSphere provides the scalability, adaptability, and management you need to achieve state-of-the-art data center security. Among the modules are Cloud Security, Incapsula DDoS Protection SecureSphere File Security SecureSphere Web Application Security SecureSphere Database Security.

PacketViper - a point and click Geo IP (country) network filtering appliance. In just a few clicks of a mouse, block entire countries' networks from accessing your critical network infrastructure. Or, specify which countries may access specific ports on your network, while blocking other countries completely. Other unique features include: Real-time display of traffic accessing your network. Includes country of origin of traffic. Clickable logs display detailed information about an IP address or host such as location, domain, “whois” information, number of times accessing your network, and administrator's tools such as ping, traceroute, RBL match, and the ability to instantly block the network. Triggered traffic events send administrators email and text notifications, rate-limit an IP, or permanently ban an IP. Many more important features are also included.

Smart OOB™ out-of-band management with auto-response and remediation. Opengear delivers a new generation of remote management solutions to meet the growing necessities of always-on connectivity and resilience. By utilizing Opengear's Smart
OOB™, businesses are able to monitor, access, and manage virtually any electronic device on their network — remotely and securely — from anywhere, even when the network is down. The unique combination of remote access and monitoring capabilities include auto-response and remediation, plus OOB over cell/dial and Failover to Cellular™ backup. All features are easily managed from a centralized console.

Out-of-band management is at the heart of IT resilience, and Opengear continues to focus on Smart OOB™ solutions that keep critical infrastructure running by developing faster access and monitoring, more efficient management and control, and wider decision-making options. By moving computation to the data, as opposed to moving data to the computation, Opengear gives businesses unmatched speed and effectiveness in managing remote devices.

ExtraHop - The ExtraHop Application Delivery Assurance system is a passive network appliance built to ensure that business-critical transactions do not fail. The ExtraHop system combines the troubleshooting capabilities of Network Performance Managers with the superior application-level visibility of User Experience Monitors. Performing real-time analysis of application transactions across the network, database, and storage tiers, the ExtraHop system accelerates troubleshooting efforts and proactively warns of potential problems. Application Delivery Assurance includes automatic base-lining, trending, and anomaly detection as well as ADCs, web, database, storage, AAA, naming, virtualization, networking analysis and reporting, all at 10GB line speed.

Riverbed - These products and solutions including WAN optimization, performance management, application delivery, and storage acceleration enable IT to both manage and accelerate performance over the WAN. These products include:
- Storage Delivery (Granite)
- Application Delivery (Stingray)
- Performance Management (Cascade & OPNET)
- Network Planning & Simulation (OPNET)
- Cloud Storage (Whitewater)
- Optimization (Steelhead)

OPNET – Opnet offers the most comprehensive suite of performance products in the world. The following are the specific areas addressed:
- Application Performance Management
- .NET Performance Analysis
- Application Monitoring
- Application Performance Analysis
- Application Performance Monitoring
- Application Troubleshooting
- end User Experience Monitoring
- Java Performance Analysis
- NetFlow Monitor
- Network Monitoring
- VoIP Monitoring and Performance
- Configuration Management
- IP/MPLS
- Network Planning
- Network Audit
- Network Diagram
- Network Engineering
- Network Mapping
- Network Optimization
- Network Planning
- Network Visualization
- Network R&D
- Network Modeling
- Network Simulation

LiveAction Networks - APN develops intelligent, action oriented software allowing IT professionals to master complex network operations with extreme ease and confidence. The company’s LiveAction software leverages the existing technology and features inside network devices to maximize return on investment and provide
intelligent on-the-fly router configuration, monitoring, and troubleshooting. Live topological flow and route visualizations enable instant comprehension and understanding of complex networks. LiveAction’s extensible framework and built-in knowledgebase deliver cross-technology analysis for QoS, NetFlow, Routing, IP SLA, and more, in a single easy to use tool. LiveAction enhances the speed and productivity of IT engineers tasked with performing end-to-end QoS for VOIP, IPT and UC deployments and troubleshooting.

**VMTurbo** is the world’s only software-driven control solution that automatically maintains virtualized datacenters and private, public, and hybrid cloud infrastructures in the most optimal state. VMTurbo is a sizing, placement, and configuration decision engine that assures application performance while dramatically reducing the cost to deliver compute services through ongoing efficiency gains. Continuously assure workload performance. VMTurbo’s algorithm dynamically allocates and realigns resources based on real time workload demand. Simulate adding workloads, VDI rollouts, DR failover, & more. VMTurbo is hypervisor agnostic, controlling VMware, Hyper-V, XenServer, RHEV, and KVM – heterogeneously or in isolation. VMTurbo also integrates with cloud tools vRealize Automation, SCVMM, CloudStack, and OpenStack to deliver multi-domain cloud control. A single instance controls up to 10,000 VMs and requires just 4 vCPU, 16GB Mem, and 20GB disk.

**Crossware Mail Signature** – Crossware creates professional and consistent email signatures to be appended to every corporate email which includes a company's branding, advertisements and legal disclaimers. The product ensures all emails sent from mobile devices include your company’s email signature. It controls all of your email signatures from one configuration database. Install it on the server. No need to configure signatures on individual workstations. Crossware Mail Signature removes the need to configure signatures on individual workstations, and requires no design changes to your directory or mail template. You can centrally manage the design of your signature block, including logos, fonts and also include personalized information from your Corporate Directory.

**Tufin** - Delivers Best-In-Class Network Topology Intelligence and the first firewall management solution to enforce user and application level firewall policies. The product is the leading provider of security lifecycle management solutions that enable companies to cost-effectively manage their network security policy, comply with regulatory standards and minimize risks. Some of the areas which Tufin address include: firewall/network device auditing and monitoring of workflow. Additionally, optimization of rule base security on firewalls and network devices is one of Tufin’s many key strengths. PCI and other auditing reports on firewalls and infrastructure devices are core features and troubleshooting takes minutes on virtually any issue.
**Catchpoint** - a flexible, easy-to-use tool that allows you to monitor your system in real time, helping you quickly identify & resolve performance and availability issues before they affect your bottom line. A comprehensive set of monitors can be used to examine web-based services from the user perspective. Analyze communication speed, behavior and page structure for web applications, APIs and websites. Standard charting tools highlight common areas where problems arise and Detects problems and identifies culprits. Monitor any server or service in your data center, private cloud or public cloud.

**IdentityFinder** – Offers classification and workflow with notifications, sophisticated search for personal information, toxic data, intellectual property management and comprehensive reporting. IdentityFinder provides for Breach Prevention, Data Discovery, Risk Management, Privacy Enablement, HIPAA Compliance, PCI Compliance, E-Discovery, Industries. Manage the entire sensitive information lifecycle: Discover, Classify, and Remediate nonpublic data anywhere it is stored within your enterprise. Centrally manage operations, track workflow, generate reports for compliance, and enforce remediation to reduce your risk.

**Tripwire** is rapidly growing, continuing to be the market leader for security configuration management, configuration compliance management, vulnerability management, and reliable log collection management. Auditing the configurations of IT systems and monitoring changes in those configurations is critical to reducing security risk and achieving compliance. Tripwire solutions are being aggressively implemented by large enterprises for overall integrity monitoring along with continuous monitoring of systems and network device changes. This has universally been determined as the most effective way to safeguard an enterprise network. We accomplish this in real-time, where other solutions cannot.

**mailWatch** offers enterprise email protection technologies and services in various flexible deployment options. We have a solution for you - whether you host your own mail server, host in the cloud, or are looking to move there. In addition to advanced email threat protection, the product offers productivity and security solutions that help organizations lower costs and ease administrative burdens while offering users increased flexibility. These services include communication, mobility and collaboration services based on Microsoft Exchange®. Also available are industry leading compliance and discovery solutions that include email archiving, file archiving and secure end to end encryption. All of the mailWatch additional services are cloud-based, can help your organization save money immediately and are backed by the company's amazing and industry leading support organization.

**Entuity** – Entuity offers network management and service delivery solutions at price points to match a range of business models. The Company’s line of Eye of the Storm (EYE) software automatically discovers and captures unrivalled network data and analytics. EYE's powerful capabilities provide integrated fault, device and flow-based performance management. These capabilities enable businesses to reduce network downtime, lower operational and capital costs, achieve sustainability goals, commit to, deliver and prove service level commitments, and ensure network configuration compliance. Entuity supports contemporary IT initiatives including wireless, VoIP, virtualization, high availability, NetFlow, green IT and more.
Network Instruments develops the industry's most scalable application performance monitoring solutions. Its legacy of Internet Protocol (IP) expertise allows for deeper, more actionable network visibility, so IT teams can resolve issues more quickly. Addressing the network management needs of medium-to-large enterprises through Global 2000 companies, Network Instruments supports today's important IT initiatives, such as unified communications (UC), cloud, data center consolidation and virtualization, while lowering total cost of ownership. The company’s Observer performance monitoring platform provides enterprise-wide performance reporting, troubleshooting and analysis, deep-packet inspection, and infrastructure and resource monitoring for an overall view of network and application health to validate technology initiatives, optimize performance, and speed problem resolution.

WildPackets - the leading provider of network, application performance, and protocol analysis, VoIP monitoring, and troubleshooting solutions. WildPackets solutions are fully extensible and include training, professional service, custom engineering, and support offerings. WatchPoint provides enterprise-wide network monitoring and reporting. It brings aggregation and expert analysis of NetFlow, sFlow, and packet data to a new level by offering Web 2.0 dashboard-style reporting of network traffic and application performance trends across the entire enterprise. OmniPeek network analyzers perform deep packet inspection, network forensics, troubleshooting, and packet and protocol analysis of wired and wireless networks. TimeLine network recorders and OmniEngine software probes monitor and analyze NetFlow, sFlow, and packet data at remote locations and protocol analysis, VoIP monitoring, and troubleshooting solutions.

Apposite – Apposite Technologies makes WAN emulation easy by offering high-precision network emulation tools with unmatched ease-of-use at unbeatable prices. Apposite’s Linktropy and Netropy WAN/LAN emulation appliances simulate bandwidth, latency, loss, congestion, and other network impairments with fine-grained precision to provide accurate simulations of any type of wide-area network. Emulate networks from DSL to 10 Gig, Linktropy and Netropy install and configure in minutes. The products are reasonably priced Apposite's network emulation products are used by leading enterprises, application and equipment vendors, government and military organization, test labs, and telecoms carriers around the world.

Imation (IronKey) - Imation has created the world's most secure hardware encrypted USB flash drive. IronKey products and services bring the power of authentication, encryption, identity management, and privacy to consumers and businesses around the world. IronKey integrates world-class security expertise with product design that emphasizes usability, simplicity, and accessibility. All IronKey products are FIPS 140-2 Level 2 certified. There is no need to install software or drivers, so the IronKey devices are truly mobile. All user data on an IronKey is encrypted with high-speed military-grade hardware encryption. Unlike software-based encryption, this "always-on" protection cannot be disabled and is protected against cold-boot and brute force attacks.

Zscaler - The Zscaler Security Cloud enables IT organizations to replace many different point security products with a single, cloud-delivered solution to deliver the industry’s most advanced suite: User
Security - protect users accessing the Internet from any location, on any device. Application Control - effectively leverage the benefits of cloud applications and social media, while reducing security risks. Data Protection - perform full inspection of all Internet traffic leaving the organization, with near-zero latency. Bandwidth Control - allocate bandwidth to business-critical applications and manage usage. Zscaler eliminates the need to reroute traffic to a central location or proliferate costly appliances in multiple locations, enabling businesses to instantly secure users on any device, anywhere in the world with no hardware or software required.

Packet Design - the leader in routing and traffic analysis solutions. The products offer unrivalled visibility into the logical operation of IP networks. Route Explorer and VPN Explorer are the industry's leading route analytics solutions, deployed in the world's largest OSPF, IS-IS, BGP, and MPLS VPN networks. Traffic Explorer and VPN Traffic Explorer provide network-wide, integrated routing and traffic monitoring. Powerful analysis and modeling on IP and IP/MPLS VPN networks with full historical replay are compelling offerings within the product suite.

Safend - Safend provides innovative end-point security solutions that are quick to deploy and easy to manage. The products provide in-depth visibility and control over the devices that users connect to their desktops and laptops. These solutions are managed through a streamlined user interface which enables end-point policies to be defined for any domain, group, computer, or user. Granular control is provided by device type, model or unique serial number. All local and wireless end-points plus removable storage devices can be secured by default, whether currently networked or not. Support for USB, Fastwire, PCMCIA, Wi-Fi, Bluetooth, IrDA, key disks and portable/removable devices.

SonicWALL is a recognized leader in comprehensive information security solutions. SonicWALL solutions integrate dynamically intelligent services, software and hardware that engineer the risk, cost and complexity out of running a high performance business network. The SonicWALL® E-Class NSA Series is the premier Unified Threat Management (UTM) solution for today’s enterprise network communications needs. Combining a multi-tiered proactive defense with a high-speed deep packet inspection and traffic classification engine, the E-Class NSA solution inspects real-time applications, files, and content-based traffic, irrespective of port and protocol without significantly impacting performance or limiting scalability. Globally deployable and manageable, E-Class NSA extends protection over both external and internal networks, delivering content inspection, application control and threat prevention throughout an enterprise network.

CyberOperations - Cyber ACL provides an enterprise level solution for management of complex network traffic policies by multiple IT personnel. Policies are stored on a centralized system with user access control and secure web access for management. Network device configurations can be synchronized automatically or manually to reflect changes in policy. Organizations with multiple locations and multiple network gateways are able to provide Automation, Compliance, Portability and Tracking. There are frequently updated links to useful online resources related to access-lists and network policy management. Tools to convert access-lists and firewall filters between different formats such as from Cisco to Juniper or PIX to Cisco IOS, etc.
CRYPTOCARD The CRYPTOCard products offer Token Authentication / 2-Factor Authentication / One-Time Passwords (2FA/OTP) products which prevent unauthorized and undetectable remote access to privileged corporate data and private customer information. The technology positively identifies individuals to protect against compromised passwords and assists corporations to improve compliance with regulatory standards and privacy requirements. The solutions for two-factor authentication solutions have been deployed to thousands of companies around the world and are the most flexible solutions on the market for matching security policies, at a price all businesses can afford.

Zyrion – the leading provider of integrated Business Service Management (BSM) and IT Infrastructure Performance Monitoring Software. Zyrion’s innovative Business Service Container technology maps the virtual, cloud and physical IT infrastructure to supported business services. With everything from high-level CXO-friendly dashboards to intuitive performance correlation and drill-down to NetFlow capability, Traverse is an easy pick for replacing your “Big4” NMS platform.

JAMF – the Casper Suite offers features and functions that provide IT administrators with best practice strategies to meet the challenges of supporting Mac OS X and iOS in the enterprise, allowing your organization to build and sustain a stable, cost-effective, and user-friendly computing environment. The Casper Suite is a powerful framework around which your IT ecosystem can be unified and extended to manage both Mac OS X and iOS devices from a single console. Normalize your IT administration with the only client management solution developed exclusively for the Apple platform. the Casper Suite allows administrators to easily achieve the four major tenets of iOS mobile device management: Inventory, Configuration, Security Management, and App Distribution. Casper Suite allows administrators to manage the eight major tenets of Mac OS X client management: Inventory, Imaging, Patch Management, Software Distribution, Remote Control, Settings and Security Management, License Management, and Usage Management.

NetiquetteIQ® – Provides email content scanning for basic and advanced email composition. The product offers compelling capabilities to find, recommend and correct common mistakes in email. Areas which are addressed include basic features, addressing, appearance and errors. Netiquette adds significant power and distinction to virtually any outgoing original or email reply… from the simplest personal communication to the most critical business message.

Our president, Paul Babicki, has recently published books on Netiquette entitled “Netiquette IQ - A Comprehensive Guide to Improve, Enhance and Add Power to Your Email” and “You’re Hired! Supercharge Your Email Skills In 60 Minutes (And Get That Job!).

Additionally Netiquette presentations, classes and process design
service are available.

There is also an email "IQ" test on our sister website:  www.netiquetteiq.com
There is also currently a blog:  http://netiquetteiq.blogspot.com
There is also a radio show:  www.blogtalkradio.com/netiquetteiq

**SevOne** – a leading global network performance solution developer, combining advanced technologies with real world expertise to create a ultra-scalable, intuitive to use, and easy to deploy network management appliances. SevOne NMS gives you the power to serve your customers and resolve issues better, smarter and faster by allowing network administrators to access real time performance data about any part of their network within seconds. SevOne Integrates advanced monitoring technologies such as NetFlow, NBAR, IP SLA, QoS, etc. into one solution, while still providing an affordable platform for organizations of all sizes. SevOne NMS delivers the detailed real time and historical availability and performance information needed to keep a network at its peak potential.

*For further information on any of the products or services listed, contact Tabula Rosa Systems at 609 818-1802 or sales@tabularosa.net*