PRODUCT BRIEF

BRADFORD NETWORKS

Network Sentry

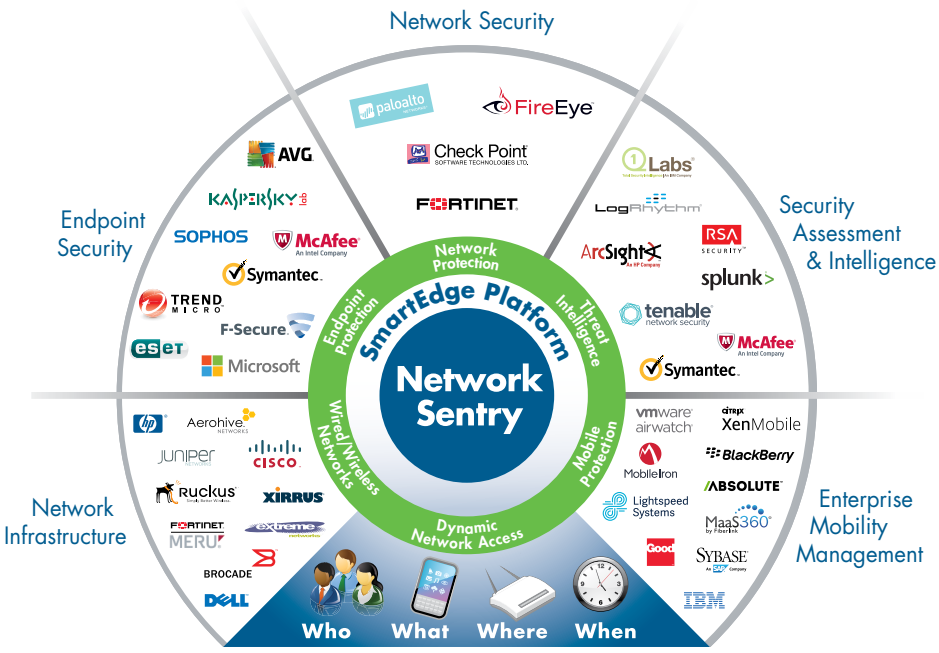
SMARTEDGE PLATFORM

Challenge

Some of the long-term secular trends in IT such as mobility, virtualization and cloud have resulted in significant productivity gains for organizations — but at the at same time, they have presented extraordinary challenges for the CIO and CISO's to secure the organization's network. It is imperative for an organization to define and implement comprehensive security posture that provides end-to-end network visibility, dynamic network access control and automated threat response using existing network infrastructure, directory service and security solutions. An ideal solution should be cost effective, and provide necessary functionality without requiring a forklift upgrade of computing and network infrastructure.

Solution

Network Sentry from Bradford Networks offers a policy-based security automation and orchestration solution that enables the discovery of every endpoint and network infrastructure device, provides contextual awareness for implementing dynamic network access control, and the ability to contain a cyber breach through automated threat response. By automating the complex threat triage process and rapidly responding to security alerts, Network Sentry minimizes the risk of unauthorized access to corporate assets and intellectual property, protects the brand, and reduces the impact, time, and costs of containing cyber threats.



To make it cost-effective, Network Sentry delivers this functionality by integrating with leading third-party networking, security, directory and mobility products using its underlying SmartEdge Platform. This open platform provides a REST-based Application Programming Interface (API) that enables bi-directional communication to and from Network Sentry to extend visibility, control and response to the edge of the enterprise network.

Benefits

Lower Total Cost of Ownership

One of the key challenges tied to the weakening of the traditional network perimeter is the fact that the comprehensive security posture now has to extend beyond traditional security solutions. Through the SmartEdge Platform, Network Sentry integrates seamlessly with existing networking infrastructure, directory services and security solutions to protect customer's investment while delivering the functionality to address customer needs. With support for more than 1,500 different networking devices, including switches, routers, wireless controllers and access points through the SmartEdge Platform, customers can be assured that Network Sentry offers broad-based compatibility.

Enable Rapid Deployment Through an Extensible Platform

The availability of bi-directional REST-based API as well as syslog templates to correlate various log fields from third-party solutions make integration a breeze. In addition, inbound and outbound messages can be mapped to SNMP traps. Compatibility with Command Line Interface (CLI) of third-party network devices makes it trivial to take advantage of native functionality of the networking device.

Accelerate the Adoption of BYOD and Internet of Things (IoT)

By integrating with wired and wireless infrastructure, as well as enterprise mobility management solutions, the Network Sentry SmartEdge Platform provides end-to-end network visibility and pre-connect risk assessment of endpoint devices. This addresses customer's specific BYOD and IoT challenges while accelerating its adoption.

Enhance Network Security Posture by Reducing Containment Time

The Network Sentry SmartEdge Platform utilizes its turnkey integration with firewall, threat detection and Security Information & Event Management (SIEM) solutions to enhance the fidelity of security alerts. By correlating user, applications and network connections to a compromised endpoint, analysts simultaneously receive alerts with all of the contextual data. The security alerts are triaged automatically and prioritized for one or more containment actions based on the severity and business impact of the incident. Containment actions for compromised endpoints are relayed via the SmartEdge Platform to networking infrastructure devices. The responses can include termination of the connection, placing restrictions on network access, isolation into quarantine VLAN, and a range of notification actions.

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Bradford Networks offers the best solution to enable secure network access for corporate issued and personal mobile devices. The company's flexible Bradford Networks platform is the first network security offering that can automatically identify and profile all devices and all users on a network, providing complete visibility and control. Unlike vendor-specific network security products, Bradford Networks provides a view across all brands of network equipment and connecting devices eliminating the network blind spots that can introduce risk. Widely recognized by industry analysts including Gartner, Forrester and ESG, Bradford Networks has received SC Magazine's Best Buy and Best NAC product awards; TechTarget Security 7 Award; CRN 5 Star Partner Program Award; and eSchool Week Reader's Choice Award.