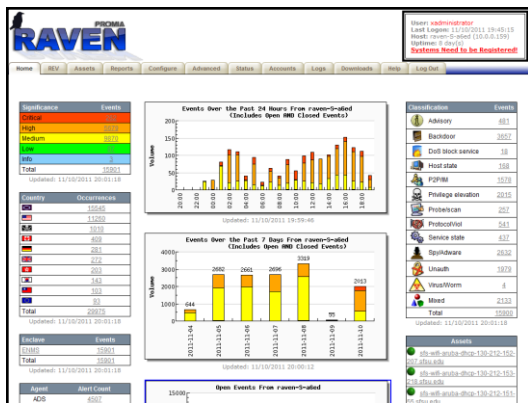# PROMIA

RAVEN, Network Security and Health for the Enterprise

Promia RAVEN helps keep your enterprise networks running. First it protects your networks from attacks and intrusions. It then further provides network health status as well as an enterprise network mapping and leak detection solution (ENMLDS). All of this capability is in a single consolidated system. RAVEN safeguards your network because it supports the full network security lifecycle:

• **Discovers** - RAVEN's enterprise network mapping (ENM) capability discovers assets so it knows what to protect (computers, routers, switches, etc.) and finds a network's entry and exit points. It captures network knowledge at the data link and network layers. Passive monitoring, OS fingerprinting, SNMP, and customizable probes populate the asset database. This information is used to monitor asset state and bandwidth utilization.

• **Detects/Protects** - RAVEN enforces policies, watches network activity (including bandwidth usage), and protects your network. As an intrusion detection system (IDS) and intrusion prevention system (IPS), RAVEN performs signature matching, anomaly detection, blocking, and other analysis in real-time. Its Leak Detection\Defense (LDS) System is able to stop ex-filtration via several customizable lists. Its anomalous bandwidth analysis identifies unusual spikes in bandwidth usage.

• **Reacts/Alerts** - RAVEN reacts to an attack. It can alert the proper people that something is happening that needs attention. It can also be set up to take action such as blocking traffic to or from a malware or attack origination site. RAVEN's security rules are customizable and reactive to allow tuning to your network environment.

• **Presents** - RAVEN displays the network status in a web browser or its 3D Asset Viewer. A dashboard reports on levels of events with options to drill into details - even the triggering network packet. These events are categorized and graphed to display the state of your network.

RAVEN helps your enterprise network operations group. It
- keeps your team informed and increases their efficiency;
- makes it easy to implement consistent security policies;
- consolidates security, health and mapping information; and
- scales across your distributed enterprise.

Contact Promia today to get more details on how we can help your enterprise network operations.

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