Bluecoat and Promisec: The Blueprint for Enterprise Security

The security threats to enterprises today can exist anywhere. The days of signature-based threat detection are gone, as organizations face new and varied threats from many different sources: through the firewall, on endpoints, and at the “new” network perimeter that includes mobile and cloud technologies. The ability to detect and respond to threats from all of these sources is critical to effective enterprise security. Together, Bluecoat® and Promisec® can deliver on the promise of end-to-end threat detection, analysis and remediation, regardless of where threats originate inside or outside the network.

Integrated Platform

The combination of Bluecoat and Promisec provides security and IT operations personnel with a complete view into the enterprise:

- **Bluecoat** provides an incredibly deep set of threat detection and remediation, policy management and user experience control technologies for the enterprise perimeter including not only the firewall, but the “new” perimeter that is created by mobile and cloud technologies that extend the enterprise network far outside of the firewall.

- **Promisec** delivers complete endpoint management, including threat and vulnerability detection, configuration validation, native file integrity monitoring, compliance assurance, and automated remediation. Best of all, Promisec does this without the use of any agents, minimizing the substantial cost of deploying, updating and managing endpoint components that is inherent in agent-based solutions.

Together, Bluecoat and Promisec deliver a comprehensive, end-to-end and fully integrated platform that provides critical aspects of security operations, including proactive detection, analysis and remediation of threats -- regardless of whether they exist on endpoints, or at the new network perimeter that extends beyond the firewall to mobile, web and cloud infrastructure.
Bluecoat and Promisec Deliver Critical Security Capabilities

Together, Bluecoat and Promisec can address a broad range of modern security use cases, including:

- **Incident Response with Endpoint Remediation.** Identifying the root cause of security incidents can be difficult, requiring visibility into security events, network traffic and the state of endpoints and mobile devices. Bluecoat and Promisec provide enhanced visibility into both the new, extended perimeter of the network as well as endpoints, yielding critical data required for incident detection and response, and provide automated blocking and remediation to ensure that incidents don’t spread across the enterprise. Both integrate seamlessly with leading SIEM platforms, SOC tools and analytics platforms, where customers can get a “single pane of glass” view into all information related to the genesis and distribution path of security incidents.

- **Threat and Endpoint Vulnerability Detection.** Together, Bluecoat and Promisec provide comprehensive monitoring of the entire technology stack, from server, workstation, laptop and mobile endpoints through applications, databases and data. As importantly, both provide detailed identification of threats, including non-signature based anomalies that can be indicators of compromise for zero-day attacks and other threats. Bluecoat utilizes a global network of threat data to deliver real-time detection and blocking of both known and unknown threats, and Promisec delivers continuous monitoring of endpoints against the trusted CVE vulnerability database, ensuring that endpoints are not exposed to common attack vectors while providing automated fixes to discovered vulnerabilities. Together, customers gain complete visibility to discover and long-term security trends across the enterprise.

- **Security Policy Monitoring and Enforcement.** Bluecoat and Promisec allow organizations to centrally manage policies affecting endpoints, applications and data, and automatically enforce policy changes directly on endpoints and infrastructure. Together, organizations can generate a real-time view of policy compliance across the enterprise.

- **User Protection.** Users are the most critical element in the chain of information security. Regardless of written policies and procedures that are in place, users can accidentally -- or even intentionally -- circumvent them. Bluecoat and Promisec provide an incredibly detailed set of tools to detect and correct inappropriate user behavior on networks, endpoints and applications. Bluecoat’s application and data-centric monitoring provides key capabilities such as data loss prevention (DLP), secure web gateway, and SSL management to ensure that users are protected, while also making sure that they are not inappropriately disseminating valuable corporate intellectual property or other sensitive data. Promisec monitors endpoints for signs of unusual user behavior, such as uninstalling management agents, stopping critical services, installing unauthorized software. Additionally, Promisec provides native file integrity monitoring (FIM) to detect unauthorized changes to critical programs and data.

Together, Bluecoat and Promisec deliver on the promise of detection, blocking and remediation across the entire stack of computing, from the network, to the endpoint, to today’s new, extended network perimeter. Seamless integration and no overlap of capabilities ensures that these technologies can become the core security platform for enterprises of virtually any size.

The company, product and service names used in this document are for identification purposes only. All trademarks and registered trademarks are the property of their respective owners.