

**SOLUTION BRIEF**

# FortiGate and SecurityBridge Platform for SAP

## Next-gen Application Security for SAP, Integrate Network Security With SAP Application Security

### Executive Summary

Fortinet and SecurityBridge have partnered to bridge the gap between advanced network security and enterprise critical SAP systems. Bidirectional integration between FortiGate and the SecurityBridge SAP application security platform enables an advanced and unprecedented level of security insight, risk rating, and security automation.

### Challenges

SAP systems process 77% of the world’s transaction revenue and are the digital backbone of many organizations. With fast-growing digital transformation, SAP systems are increasingly exposed to public-facing networks. Many SAP systems remain vulnerable to attacks, and SAP customers often struggle to apply adequate hardening and protection. Security strategies rely on a multilayered approach, commonly referred to as an onion approach—a shield of defensive layers that coexist, and need to complement each other, but don’t interconnect.

SecurityBridge and Fortinet are partnering to address the missing link between network security and application security, to introduce a shift in paradigm for SAP customers. Speed-to-security and adequate response capabilities are key aspects in defending against cyberattacks. The SecurityBridge Platform delivers a holistic solution addressing secure configuration, patch management, custom code vulnerability analysis, real-time threat detection, and security automation, all fully integrated into SAP and built for SAP.

Combining Fortinet and SecurityBridge results in an integrated solution, providing a 360-degree view of malicious network and application activity.

### Joint Solution

SecurityBridge and Fortinet have partnered to deliver an industry-leading security solution to address real-life challenges. The integration of a holistic SAP security platform and FortiGate, enabled through the Fabric-Ready Partner Program, delivers a first-of-its-kind and unique integration between network and application security for SAP. The joint solution breaks down the barriers of competence silos and provides threat intelligence throughout an attacker’s entire kill chain. This unique approach enables the security team to detect and respond to attacks targeting SAP.

### Joint Solution Components

#### Security Bridge

SecurityBridge Threat Detection for SAP has real-time integration with FortiGate IPS, enabling an instant link between network events and SAP security events,

### Joint Solution Components

- Fortinet FortiGate Next-generation Firewall (IPS)
- SecurityBridge Platform for SAP

### Joint Solution Benefits

- Generate a 360-degree view from network to application security
- Achieve very high detection rates with advanced intrusion detection capabilities for attacks targeting SAP
- An easy-to-use Threat Detection interface for endpoint forensics, incident creation with direct access to a wealth of SAP security documentation
- Real-time integration with the FortiGate intrusion prevention system
- Gain insight into SAP application security with proven technology that is easy to deploy, install, and maintain



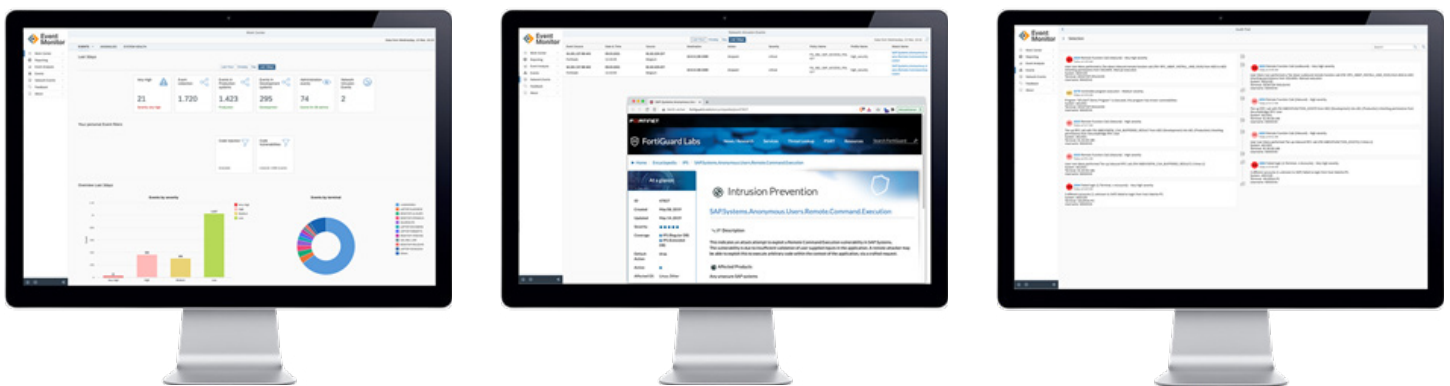
which often remains a black box. Security analysts identifying network attacks can now assess the impact against enterprise critical SAP applications.

### FortiGate IPS

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### Joint Solution Integration

Network events generated by the FortiGate intrusion prevention system are available via an SAP Fiori tile “Network Intrusion Events” (Screen 1). Via drilldown, a security analyst accesses the details of the network event, which also links to the FortiGuard Labs Encyclopedia (Screen 2). Via the SecurityBridge investigation functions, a timeline is available showing all security events across the entire SAP technology stack that may relate to the network attack (Screen 3).



### Joint Use Cases

#### Use Case 1: Visibility of network attacks

Targeted network attacks become visible to the SAP team. Enabling extended detection and response methods to, for example, lift the protection or monitoring level of SAP-based systems.

#### Use Case 2: Cross-domain collaboration

Bridging the gap across the domains and enabling the collaboration between the individual teams enables organizations to provide the best possible response to detected attacks without losing important time.

### About SecurityBridge

SecurityBridge is a holistic, natively integrated SAP security platform, addressing all aspects needed to protect organizations running SAP from internal and external threats against their mission critical business applications. The SecurityBridge unique approach to protecting SAP NetWeaver, ABAP, and S/4HANA platforms reveal exploits, and uncovers previously unknown vulnerabilities in real-time, directing and enabling remediation before any harm is done.

To learn more about SecurityBridge, visit [www.securitybridge.com](http://www.securitybridge.com).



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