

SAP Application Security Monitoring with ArcSight

SAP is a blind spot for the security monitoring in many organizations. This leaves them vulnerable to prevalent, well-known attacks against SAP. ABAP-Experts.com SecurityBridge combines with Micro Focus® ArcSight to provide insight into suspicious activities that occur across the organization's entire SAP landscape. You can identify breaches immediately to prevent critical damage to your business.

Micro Focus ArcSight + SecurityBridge at a Glance:

Data collection:

SecurityBridge collects relevant data from all systems in the SAP landscape and matches actions against known attack patterns.

Security checks:

The solution can conduct a wide variety of event-based security checks.

Reduced risk:

The solution can instantly reduce known SAP attack vectors and lower your risk of cyberattacks.

Added context:

ArcSight correlates SecurityBridge events with existing network and system events, enriching and adding context to SAP security incidents.

SecurityBridge was designed to "bridge the gap" between SAP and IT security, leveraging ArcSight, which is the magic quadrant leader in security information and events management (SIEM). The following is a sampling of the many benefits of using ArcSight and SecurityBridge to protect your SAP investment:

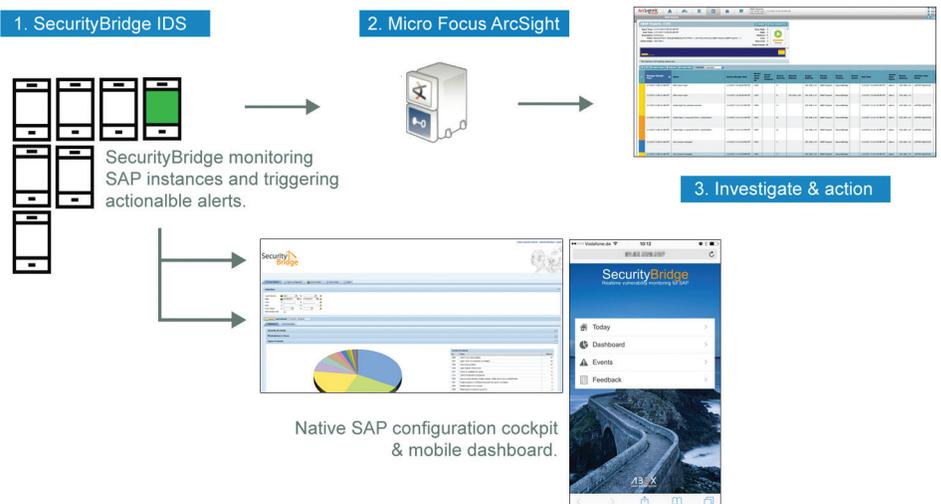
- Native SAP add-on, no extraction of extensive logs
- No additional hardware requirements for additional servers

- Built-in listeners to analyze events in real-time
- Advanced security intelligence that includes customizable use cases
- Ability to correlate over 20 SAP data sources to create actionable security alerts
- Seamless integration between SecurityBridge and ArcSight

and using its powerful, built-in listeners to analyze the data in near real-time. It then tries to match actions against known attack patterns, created from decades of security and SAP experience. Finally, events that are understandable for security analysts are raised. These alerts are accessible via the user-friendly SAP web dashboard and ArcSight. ArcSight can further correlate SecurityBridge events with existing network and system events to enrich and add context to SAP security incidents. Now, you can monitor the entire SAP landscape on the application level for both internal and external threats, even without deep SAP expertise.

ArcSight and SecurityBridge Work Together to Secure SAP

SecurityBridge starts by collecting security-relevant data from all systems in the landscape



Event-Based Security Checks

The solution can conduct more than 150 event-based security checks. Following are some examples:

- **Critical remote function calls.** Hackers make use of remote-enabled function modules to gain access to a system, to extract business critical data, or to inject data into business or technical transactions.
- **Extraction of critical or sensitive data.** Access to and extraction from critical data sources—such as customer master data, financial figures, or event password hash values—are reported in real-time.
- **Code vulnerabilities.** Whenever ABAP code vulnerabilities are introduced (via SQL-injections or backdoors, for example), SecurityBridge will capture the source of the issue before it can be exploited.
- **Assignment of critical authorizations and authorization cover-ups.** Permission objects can be used to grant god rights to an account. In addition to governance compliance, certain objects are assigned only after explicit approval. Assignment without prior approval might indicate an attack or suspicious behavior.

Integration Using ArcSight Common Event Format

The SecurityBridge integration with ArcSight runs seamlessly using the ArcSight Common Event Format. Your entire SAP landscape is connected through one single SecurityBridge controller. SecurityBridge comes preconfigured

and can be put into action immediately after installation, without the need of a lengthy implementation phase. Don't miss the opportunity to instantly reduce known SAP attack vectors and reduce the risk of becoming a victim of cybercrime.

About ABAP-Experts.com

ABAP-Experts, headquartered in Germany, is dedicated to writing SAP add-ons. SAP software logistics and SAP application security hold no secrets anymore using the ABAP-Experts product portfolio.

About Micro Focus

Micro Focus is a global software company with 40 years of experience in delivering and supporting enterprise software solutions that help customers innovate faster with lower risk. Our portfolio enables our 20,000 customers to build, operate and secure the applications and IT systems that meet the challenges of change. We are a global software company, committed to enabling customers to both embrace the latest technologies and maximize the value of their IT investments. Everything we do is based on a simple idea: the fastest way to get results from new technology investments is to build on what you have—in essence, bridging the old and the new.

Learn More

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