



How to prevent current and 0-day attacks on SAP Systems with ERPScan and Cisco FirePOWER?

Why ERPScan?

- ✓ **Comprehensive.** Identify, Analyze and Fix security issues including vulnerabilities, misconfigurations, and SOD violations
- ✓ **Unique.** The only award-winning solution to address in 360° the SAP and Oracle security protection.
- ✓ **Enterprise.** Continuous management of vast landscapes.
- ✓ **Detailed.** Largest database of 10000+ Security Checks.
- ✓ **Industry-specific.** Specific checks for industry solutions such as Oil and Gas, Retail, Banking, etc.
- ✓ **Cloud and SAAS support.** Can be implemented as a virtual appliance, in cloud or as SAAS.
- ✓ **Agent-less.** Doesn't require any agents or modification of SAP or Oracle Platforms



SAP® Certified
Integration with SAP Applications

Problem

ERP security is a huge issue at a time as all those who use ERP systems are under constant threat of being attacked some day for espionage, sabotage or fraud purposes. Conforming this fact is the recent data breach revealed at USIS, a US federal agency that provides security solutions. As it turned out the data breach happened because of a vulnerability in SAP.

Due to the extreme complexity and extensive customization, business applications that store the most critical corporate data can be accessed in a blink of an eye. The fact that numerous general security solutions, from security scanners to IDS systems, scarcely protect SAP is also of no consolation. Take, for example, well-respected research and advisory companies, Gartner, IDC, 451 Research, KuppingerCole, Qoucirca – not once their representatives mentioned that functionality of traditional security testing tools when it comes to SAP security assessment is very limited. "In-depth assessments of databases and applications such as ERP systems (for example SAP or Oracle), specially, are not widely supported in traditional VA solutions, which focus on devices". - Gartner's Market Guide for Vulnerability Assessment 2014.

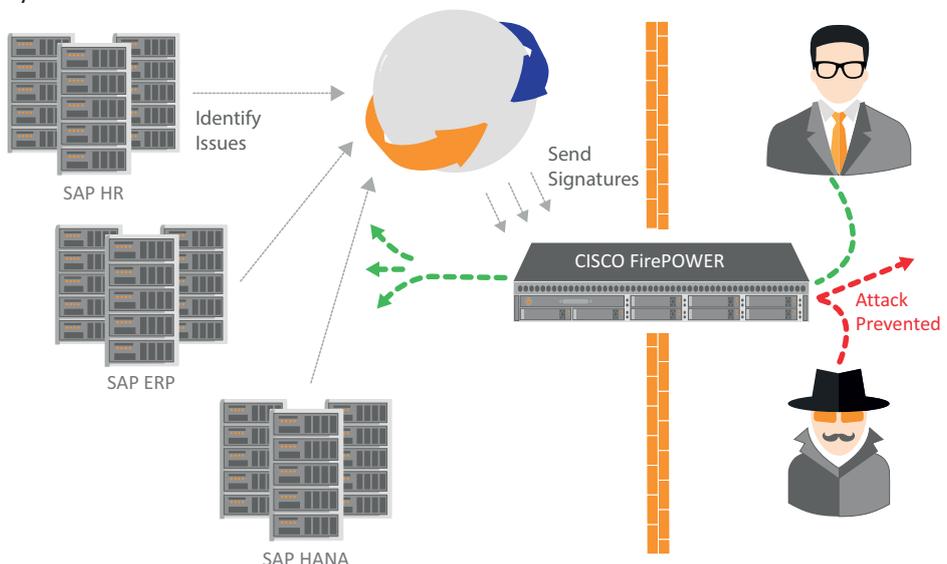
Although every month SAP releases about 30 vulnerability patches, some vulnerabilities can't be easily patched. Vulnerability Management process for Large Enterprises with hundreds of business applications involves several challenges in patching, they are: system complexity, lack of resources and backwards compatibility. Not to mention that ERPScan researchers found numerous unidentified '0-day' vulnerabilities to contend with.

Finally, every custom program written by internal developers can be vulnerable. Thus we can see that a solution able to prevent attacks is what customers just need to have in place.

Solution

ERPScan – the most credible business application security provider is proud to announce it's partnership with Cisco – leading network technology company. Resulting from this partnership is a new solution which can secure SAP systems from existing and 0-day attacks by virtually patching SAP on a network layer. After each scan ERPScan Security Monitoring Suite creates a list of attack signatures for all the discovered vulnerabilities, those signatures are then exported to Cisco FireSIGHT IDS System to prevent all the potential attacks.

The database of SAP Attack signatures is supported by ERPScan Research and Threat Intelligence team, leaders by the number of discovered vulnerabilities in SAP systems. They identified 250+ vulnerabilities in SAP and published 60+ research papers about unique attacks. Combining a knowledge from ERPScan Research team and Power of Cisco solutions you really getting a CISO's-dream - Big green button which automatically secures your system.





Key Benefits

- ✓ **Prevent known attacks.** Enhance your Cisco's hardware with SAP vulnerability signatures pack containing 300+ signatures for different vulnerabilities in SAP Platforms
- ✓ **Prevent 0-day attacks.** Be notified about every new 0-day vulnerability identified by ERPScan in SAP System before SAP Patch released
- ✓ **Virtually Patch code issues.** Generate attack signatures on the fly for vulnerabilities in custom code using our unique algorithm and minimize potential attack window from months to minutes.

Testimonials

“ Security researchers at ERPScan discovered a variant of the well-known Shiz remote access Trojan (RAT) which searched infected systems for the existence of SAP applications”.

- John Leyden, *TheRegister*

“ As Attackers compromise the ever-expanding sections of organizations networks, retain long-term access, and venture deeper into corporate IT Resources, the attacks on ERP Systems are anticipated to Increase”.

Anton Chuvakin, *Gartner*

“ There is an increasing focus on ERP systems as weak points to hack into firms' supply chains”.

Bob Tarzey, *Analyst and Director, Quocirca - UK based analysis firm*

About ERPScan

ERPScan is the most respected and credible Business Application Security provider. Founded in 2010, the company operates globally and enables large Oil and Gas, Financial and Retail organizations to secure their mission-critical processes. Named as an 'Emerging Vendor' in Security by CRN, listed among "TOP 100 SAP Solution providers" and distinguished by 30+ other awards, ERPScan is the leading SAP SE partner in discovering and resolving security vulnerabilities. ERPScan consultants work with SAP SE in Walldorf to assist in improving the security of their latest solutions.

ERPScan's primary mission is to close the gap between technical and business security, and provide solutions to evaluate and secure SAP and Oracle ERP systems and business-critical applications from both, cyber-attacks as well as internal fraud. Usually our clients are large enterprises, Fortune 2000 companies and managed service providers whose requirements are to actively monitor and manage security of vast SAP landscapes on a global scale.

We 'follow the sun' and function in two hubs, located in the Palo Alto and Amsterdam to provide threat intelligence services, agile support and operate local offices and partner network spanning 20+ countries around the globe.

