

The most comprehensive assistance for security consultants and penetration testers

- ▶ **Complete.** Identify, Analyze and help with remediation
- ▶ **Comprehensive.** Largest database of 10000+ Security Checks
- ▶ **Customizable.** All scan templates are fully customizable to address
- ▶ **Universal.** Support all types of SAP Platforms (ABAP, JAVA, HANA, BOBJ, Mobile)
- ▶ **Industry-specific.** Checks for industry solutions such as Oil and Gas, Retail, Banking and more
- ▶ **Nonintrusive.** Doesn't require any agents or modification of SAP or Oracle Platforms

Problem

Why is assessing ERP systems' security so rapidly becoming a commonplace practice? It's by no means certain that data breaches caused by vulnerabilities as the one that have recently occurred in USIS can be referred to as solitary cases. Analysts from major organizations such as Gartner, IDC, KuppingerCole and Qoucirca agree that ERP security tests are necessary and that traditional tools lack this functionality. As was mentioned in Gartner's Market Guide for Vulnerability Assessment, "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". Top consulting companies have long ago included ERP security services in the range of services they offer.

But do you have competent experts to address your client's needs on ERP security assessment. The truth of the matter is that it takes years to work out the right way to perform SAP security assessment. It involves efforts of different divisions of security specialists, since these are complex systems to operate and there is an array of different installation types. Take, for example, the application server, it may be based on either ABAP, J2EE, HANA or other platform, not to mention that the number of specific applications and modules can total to more than 50.

Moreover, SAP security is a combination of 3 different areas: Vulnerability Management, Source Code Security and Segregation of Duties. Each of these areas requires unique competence. Lastly, you should bear in mind that manual in-depth assessment of an SAP landscape is quite time-consuming. There may be more than 10,000 vulnerabilities and configuration issues just in one system on top of the issues related to user access control.

Solution

ERPScan Security Scanner for SAP makes assessment as easy and quick as possible by automating general checks. Thus, you can focus on the analysis of specific applications to meet precise needs.

Penetration testers, for instance, can use it together with universal tools to carry out a vast variety of checks that can be launched anonymously and to get precise data for conducting attacks. Our unique set of exploits can be targeted at vulnerabilities in certain SAP systems to gain unlimited access to business data. Threat Map functionality will save your time by showing you how systems are interconnected. This information is helpful for privilege escalation and pivoting. Finally, you get that competitive edge by offering source code security scanning, access control checks along with seamless continual penetration testing and security assessments.

ERPScan Security Scanner is a time-saver for consulting companies as well. With the help of it customer's SAP landscape can be automatically checked against multiple recommendations like SOX, PCI, NERC CIP standards, ISACA, DSAG and EAS-SEC audit guides and industry-specific checklists.

Comprehensive reporting functionality and recommendations which include automatic corrections will surprise your client on the upside with regards to quality and speed of work since you focus on specific areas rather than manual analysis of typical issues.

Benefits

Get rid of time consuming manual analysis and embrace time management with the hourly system analysis and 2-minute scans against critical issues instead of spending weeks.

- ▶ **Comply** with standards such as: SOX, PCI-DSS, NERC, CIP, SAP security guidelines and various other SAP specific recommendations;
- ▶ **Educate** yourself using our large knowledge base compiled by information security professionals and SAP experts. It helps to understand the nature of revealed security issues. Provided remediation steps are so clear that even inexperienced SAP professionals can infer to them;
- ▶ **Automate** routine by identifying 10000+ misconfigurations and vulnerabilities across all types of SAP Platforms (ABAP, JAVA, HANA, BOBJ, Mobile) and Industry solutions;
- ▶ **Exploit** vulnerabilities, identify weak passwords, and execute multi-stage attacks and post-exploitation;
- ▶ **Magnify** your competitive edge by offering source code security scanning and access control/SOD along with regular SAP penetration testing and SAP security assessments;
- ▶ **Improve** customers systems security by providing step by step remediation guides with automatic correction templates < instructions and attack signatures for Virtual Patching.

Testimonials

“ Via a mutual collaboration with ERPScan, we are helping our and ERPScan’s clients to obtain insight into the security posture of their SAP landscape, and harden their environment...”

PJ Brtnik, Deloitte.

“ We’re thrilled to recognize next-generation innovation in the information security marketplace and that’s why ERPScan has earned this award from Cyber Defense Magazine. Some of the best INFOSEC defenses come from these kinds of forward thinking players who think outside of the box.”

Pierluigi Paganini, Editor-in-Chief, Cyber Defense Magazine.

“ 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, Research VP, Gartner

About ERPScan

ERPScan is the most respected and credible Business Application Security provider. Founded in 2010, the company operates globally. Named as an ‘Emerging vendor’ in Security by CRN and distinguished by more than 25 other awards - ERPScan is the leading SAP SE partner in discovering and resolving security vulnerabilities. ERPScan consultants work with SAP SE in Walldorf supporting in improving 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 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 use ‘follow the sun’ principle and function in two hubs, located in the Netherlands and the US to operate local offices and partner network spanning 20+ countries around the globe.

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