

# **SAP Security**

**The ultimate solution for  
protecting your SAP environment**

# SAP Security

## The ultimate solution for protecting your SAP environment

**SAP security is a critical, yet often overlooked aspect of IT infrastructure. With the rise of cyberattacks, compliance requirements, and the increasing complexity of SAP environments, ensuring the security of your SAP systems is more important than ever. Yet, many organizations struggle to identify and address vulnerabilities in their SAP landscape, leaving them exposed to potential security breaches, data leaks, and reputational damage.**

Top management, SAP administrators, developers, and IT security all have different priorities but are subject to the same business risk. Moreover, the increasing complexity of SAP environments with many in-house developments and interfaces to business partners, suppliers, and customers only adds to the challenges of implementing effective security concepts.

Failures of SAP applications or data leaks of core competencies can lead to serious damage, high costs and loss of reputation among partners and customers.

At Eviden, we understand the importance of addressing these challenges and have tailored our approach to provide a comprehensive solution that combines modern security audits, security products, managed security services and SAP technology. We have built a strong team of SAP security experts who have successfully identified security vulnerabilities in SAP system landscapes and applications and can provide security services to mitigate risks and protect SAP systems.

**60%**

of SAP customers still feel that their organisations' cyber risk maturity levels are either average or requiring improvement

Source - Turnkey SAP Security Survey Report 2021



# Eviden's approach to SAP security

Eviden offers a comprehensive and unique end-to-end cybersecurity approach built on years of experience with fit-for-purpose security solutions and services for the most demanding SAP organizations.

## Security Consulting for SAP



- Secure migration from SAP on-prem instances to Cloud SAP instances
- SAP Security Assessments (SAP systems, Application/Interface, OS&DB check, Code check, pentesting,...)
- Vulnerability Lab for SAP

## Security Products for SAP



- Trustway DataProtect (TW DP) TDE (Transparent Data Encryption) for SAP Cloud
- TW DP Tokenization for SAP
- TW DP for SAP Data Custodian
- Trusted Adobe Sign with SAP
- Centralized electronic signature (IDnomic Signature) for administrative SAP

## MSS for SAP



- Cloud native security
- Threat Detection & Response with SAP ETD
- SAP Admin Privileged Access Management services
- SAP Security Monitoring (with Eviden MDR, Microsoft Sentinel for SAP...)

Eviden  
MDR

Threat  
Intelligence  
Threat Hunting

Managed  
Detection and  
Response

Alsaac

CERT & 24/7 Global  
SOC services



# Security Consulting for SAP

Requirements on SAP systems are constantly growing, especially due to 3rd party applications and customizing.

Development and configuration failures can open gates for attackers and consequently affect the confidentiality, integrity and availability of data and even breakdown processes.

Our goal is to offer a judgement about the security level of your SAP system landscape and selected SAP applications.

We focus on key questions such as:

- Are applications configured and implemented correctly?
- How are user and access management as well as interfaces secured?
- Is the patch management process consistent?
- Are users sensitized and prepared to detect malicious attacks on your systems at an early stage?
- Have you developed and implemented suitable emergency concepts?

## Our solution approach and setup

We offer a comprehensive and variable consulting concept, and the depth level and audit scopes can be adjusted depending on your requirements and objectives. Our project setup includes a quick check review to create transparency and work out a security roadmap by defining the audit objects.

## The audits and add-ons

Our security assessments cover Tier 1-5 landscapes, and we usually recommend checking several landscapes to identify security gaps between the systems. We also offer add-ons such as application/interface testing, OS & DB check, and custom code check.

# Security Products for SAP

## Data encryption for guaranteed data security and access control

Protecting sensitive data is critical for any business, and particularly so in SAP environments where vast amounts of sensitive data are stored. With our Trustway DataProtect product range, we offer you several solutions to secure data within SAP applications without needing to re-architect databases, applications, or storage networks.

### Encryption



**Trustway DataProtect SAP certified TDE (Transparent Data Encryption) for SAP Cloud**  
Secure data at rest in SAP HANA environments

**Trustway DataProtect Tokenization for SAP**  
Replace sensitive values in any SAP application that uses SAP Data Custodian with tokens of the same length and format

**Trustway DataProtect for SAP Data Custodian**  
Establish stronger controls over a customer's encryption keys and policies to meet compliance and best practice requirements

With Trustway DataProtect, our clients can enjoy the benefits of securing sensitive data at the file system level, controlling access through customer-defined policies, and managing their own encryption keys independent of their cloud provider.

## Digital signature verification and creation

In environments that require a high level of trust, such as SAP, advanced or qualified electronic signatures are highly advised. In a context where organizations are moving to paperless transactions, it is necessary to electronically sign documents, guarantee their integrity and produce proof of acceptance by the signer. The signature must be strictly verified in order to detect any possible cause for invalidity.

Eviden provides IDnomic Sign, a complete solution for creating and verifying electronic signatures in SAP environments.

### Trusted Adobe Sign with SAP

Sign documents and own a root of trust that provides full control with Trustway Proteccio SAP integration with Adobe Document Services (ADS)

### Centralized electronic signature (IDnomic Signature) for administrative (SAP)

Guarantee integrity and probative value of your documents with electronic signature by integrating centralized electronic signature solution with SAP

Digital  
signature





# Managed security services for SAP

Eviden's SAP managed security services offer tailored solutions to safeguard your company's intellectual property, sensitive data, and reputation while ensuring compliance. Our real-time visibility and response platform provide efficient and automated processes, utilizing HANA technology and machine learning, to track hacker activity using SAP's predefined and easily customizable attack paths.

Our service offers comprehensive monitoring and alerting, 24x7 alerting, alarm processing, investigation reports, monthly reporting of incidents, and log data on demand. Our team of over 6,000 security specialists, a worldwide network of 16 Security Operation Centers (SOCs), and strong partnerships provide the necessary expertise to help organizations protect their SAP systems from security threats and detect potential breaches in real-time.

You can gain transparency, simplify the analysis of suspicious activities, detect threats to avoid financial loss, legal and reputation damage, ensure the continuity of business, and reduce effort while identifying security gaps. We provide detailed alarm notifications that include in-depth threat intelligence, detailed explanation of business risk, and contextual attack notifications with success probabilities.

By combining our Managed Detection and Response (MDR) platform with SAP Threat Detection, you can elevate mission-critical application threat information to the next level by correlating it with other system logs, enhancing root cause analysis, and providing more comprehensive security incident response.

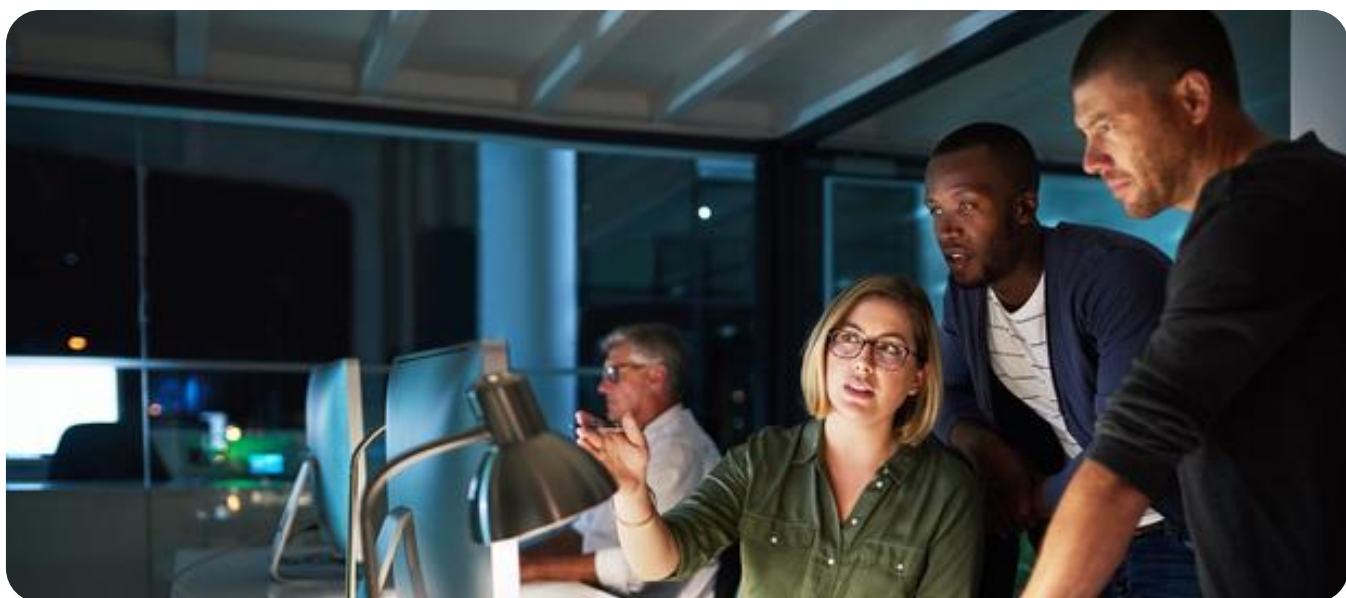


# Why Eviden?

As the **# 1 security provider** in Europe, we work closely with SAP®, the largest ERP system provider in the world, to protect our customers against cyber-attacks.

Our team of experts has the skills and experience to assess the current state of security and develop sustainable concepts to address vulnerabilities in SAP system landscapes and applications. We work closely with SAP® to identify vulnerabilities through our vulnerability lab, including the discovery of issues such as **SAP® Privilege Escalation through ABAP Code Injection in SAP® Business Warehouse (sec-consult.com)**.

Our skilled SAP and security professionals utilize modern security approaches to implement an enhanced SAP threat detection and response service architecture. We provide a comprehensive report with clear, practical advice on how to fix security vulnerabilities and increase SAP security awareness within your organization. With Eviden, you can be confident in the security of your SAP system landscape.



Arrange your individual [appointment](#) and start with SAP Security Quick Check!

We look forward to making you more secure on SAP





# EVIDEN

an atos business

## About Eviden<sup>1</sup>

Eviden designs the scope composed of Atos' digital, cloud, big data and security business lines. It will be a global leader in data-driven, trusted and sustainable digital transformation. As a next generation digital business with worldwide leading positions in digital, cloud, data, advanced computing and security, it brings deep expertise for all industries in more than 53 countries. By uniting unique high-end technologies across the full digital continuum with 57,000 world-class talents, Eviden expands the possibilities of technologies for enterprises and public authorities, helping them to build their digital future. Eviden is an Atos Group business with an annual revenue of c. € 5 billion.

## About Atos

Atos is a global leader in digital transformation with 112,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

The [purpose of Atos](#) is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Learn more at: [atos.net](https://atos.net)

<sup>1</sup> Eviden business is operated through the following brands: Alia Consulting, AppCentrica, ATHEA, Atos Syntel, Bull, Cloudamize, Cloudreach, Cryptovision, DataSentic, digital.security, Eagle Creek, EcoAct, Edifixio, Energy4U, Engage ESM, Forensik, IDEAL GRP, IDnomic, In Fidem, Ipsotek, Maven Wave, Miner & Kasch, Motiv, Nimbix, Processia, Profit4SF, science+computing, SEC Consult, Visual BI, Worldgrid, X-Perion, zData

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For more information please contact:  
[sappractice@eviden.com](mailto:sappractice@eviden.com)

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