



SAP Landscape Security

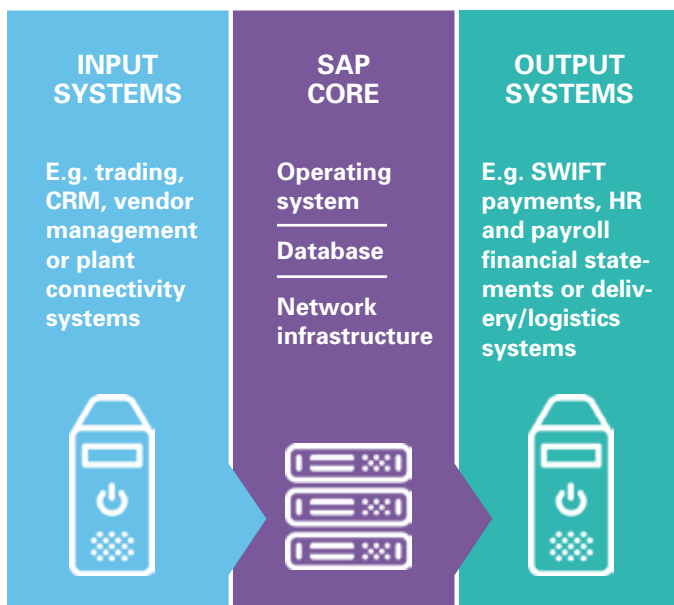
Take control of your most valuable infrastructure

SAP integrates and connects all aspects of your business processes and thereby often stores data of high value such as finance, sales and personnel related data. Traditional SAP security is mainly focused on authorization management and segregation of duties.

Why landscape security is important

SAP integrates and connects all aspects of your business processes and thereby often stores data of high value such as finance, sales, and personnel information. Traditional approaches to SAP security primarily focus on authorization management and segregation of duties. However, with changing threats and attacker capabilities, it is imperative to develop a broad, enterprise-wide view on SAP security. KPMG has therefore designed a novel approach to assess every system that facilitates or provides input or output to your SAP business processes: your SAP landscape.

BUSINESS PROCESS



The SAP landscape typically consists of business processes and their supporting SAP IT infrastructure. The processes (such as Procure to Pay, Treasury, etc.) are often complex and opaque. Furthermore, SAP systems are not secure by default and are complex systems consisting of multiple layers: the network, operating systems, databases, and SAP applications. A single misconfiguration, missing patch, or other vulnerability on any of these layers or in connecting systems (e.g. SAP PI or custom applications) can affect the integrity and confidentiality of your critical data.

SAP is an attractive target for cyber attacks for both malicious insiders and external actors, such as criminals and foreign state espionage. Given such high-profile threats and vulnerabilities, it is clear that an integral and thorough approach is needed to adequately secure your SAP landscape.

KPMG's SAP Cyber Security Assessment

KPMG has developed an SAP Landscape Cyber Security Assessment that provides a methodology for securing your most important assets in SAP, and a means to stay secured. With our iterative approach, expert SAP knowledge, and industry-leading tools, we present key insights and extensive recommendations in every aspect of your SAP landscape. This assessment will give you an in-depth overview of your SAP landscape and improve your ability to protect important assets against cyber attacks.

Common SAP landscape challenges

Based on our experience in assessing SAP landscapes, enterprises typically face one or more of the following challenges:

- + Are SAP security and infrastructure policies aligned and effective?
- + Is the implementation of security aligned with security in the business process?
- + Is separation between critical SAP infrastructure and business support systems adequate?
- + What attack paths would cyber criminals be able to take in the SAP landscape?
- + How can logging and monitoring be employed to perform detection of possible threats?

To address these questions, KPMG has derived a steadfast method that identifies, assesses, secures and monitors threats.

IDENTIFY NEW THREATS AND ASSETS



IDENTIFY

Identify key components, business critical assets and relevant threat actors of the SAP landscape



ASSESS

Assess existing SAP landscape for advanced security threats using the SAP Cyber Security Framework and third party tools



SECURE

Provide solutions and assistance to secure the entire SAP technology stack, and help effectively monitor SAP security settings



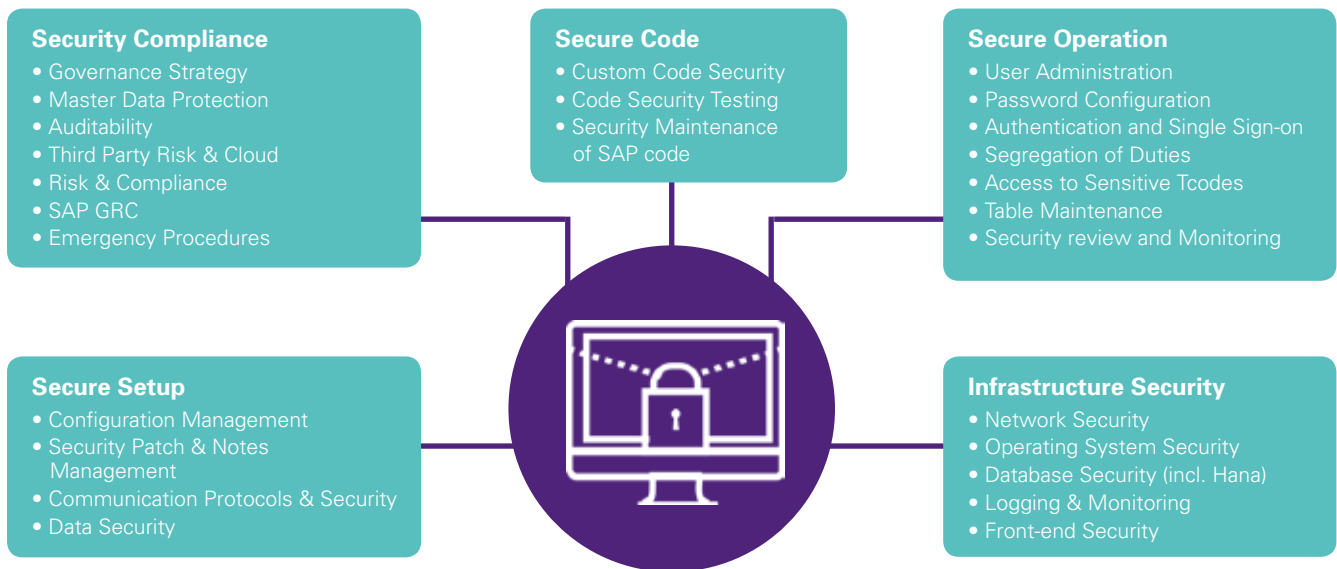
MONITOR

Develop target operating model to monitor and defend SAP landscape against cyber threats



KPMG's SAP Cyber Security Framework

Unique to the KPMG SAP Cyber Security Assessment is the utilization of the KPMG SAP Cyber Security Framework. This Framework is based on the latest official SAP Secure Operations Map, good practices developed at our clients, and years of experience. The Framework focuses on the five key topics that are most crucial to a secure SAP landscape. KPMG's SAP Cyber Security Framework will give you the means to develop tailored solutions to enhance security and governance of your SAP systems.



Why KPMG

KPMG is the leading SAP security specialist with the most innovative solutions. We use both industry leading and our own developed tools to perform SAP assessments. We have over 155,000 professionals throughout the KPMG network and operate in over 155 countries.

Our approach has been lauded at large international clients throughout high stakes industries such as oil & gas and fast moving consumer goods. Our team of experts has experience with some of the largest and most complex SAP landscapes in the world. As a result, we are able to quickly identify cyber attack weaknesses in complex SAP landscapes, and provide you with a prioritized risk assessment. Partnering with KPMG ensures you get the KPMG quality with understandable analysis, and effective assistance that helps your enterprise to improve. Due to this expertise and excellent delivery, Forrester Research has named KPMG the global number 1 leader in information security consulting.



Contact us

For more information on our SAP Landscape Assessment or KPMG's Cyber Security Services, please contact us or visit us at **[kpmg.no](https://www.kpmg.no)**

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