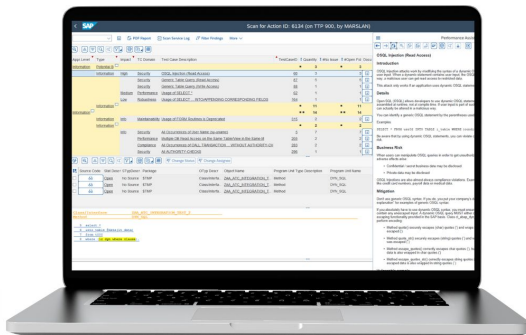




Datasheet

Onapsis Control Central

Establish better DevSecOps for SAP and accelerate RISE projects with the most comprehensive application security testing available for SAP. With automated code scans supporting more languages, platforms, and IDEs than the competition, Control keeps SAP application development moving and mitigates unexpected, costly delays.



“Onapsis helps us gain deeper visibility into code and transport vulnerabilities so we can prioritize our mitigation efforts and reduce risk to our systems.”

– Director SAP Application Development, Fortune 100 Manufacturing Company



Organizations are increasingly focused on hardening their applications against attack, starting with the development process. A recent survey¹ noted that 74% of security professionals have already “shifted left” (i.e., extended security earlier in development cycles) or plan to in the next three years. This shift is particularly important for business-critical SAP applications since they contain highly valuable corporate data. SAP applications are at the core of large enterprises, supporting the critical and essential operations of the business.

These applications are also at the core of digital transformation projects, such as RISE with SAP. Analyzing and migrating custom code and data from legacy systems is a headache for developers seeking to migrate code, applications, and systems to the cloud. And building security into the software development lifecycle for SAP custom applications remains a challenge as well. Manual reviews, which are highly prone to error, are often used due to a lack of automated testing solutions for SAP code languages and environments.

The accelerated pace of these digital transformation projects also forces teams to attempt to balance speed and security...with security frequently tabled in order to meet abbreviated project timelines. Tight development cycles lead to the use (and re-use) of third-party code libraries and developers. However, with little visibility here as well, organizations are forced into even more manual reviews (if at all) to stop the introduction of new security issues.

Onapsis Control Central addresses these challenges by delivering the most comprehensive, award-winning application security testing available for SAP. With the broadest support for platforms, languages, integrated development environments (IDEs), Git repositories, and technology integrations, Control Central seamlessly integrates into developers' existing workflows, scanning code and automatically fixing common issues. Bulk scanning of code from various sources (internal teams, partners, etc.) ensures consistent security and further helps accelerate and de-risk RISE with SAP projects.

¹Gitlab March 2023

How Onapsis Control Central Works

Centrally deployed and managed, Onapsis Control Central works by scanning satellite systems to inspect code directly within integrated development environments (IDEs) or code repositories. Control Central can scan code both inline as developers work, in large batch scans of projects, packages, or repositories, or embedded within your change management and transport processes. With a focus on vulnerable, insecure code, Control Central leverages extensive test cases across multiple domains based on the best practices and in-depth security analysis and research of SAP applications from the Onapsis Research Labs.

Millions of lines of code can be automatically scanned in minutes, and remediation guidance is provided to keep pace with accelerated development cycles. One-click fix functionality enables bulk code scans that identify and automate remediation for the most common code errors with a single click.

Security And Compliance

Onapsis' highest priority is the security of our software and the confidentiality, integrity, and availability of customer information as it flows through that software. We embed the strongest possible security measures into our software development life cycle (SDLC) and into the operating system, database, web security, and logging layers of our products. Onapsis contracts with accredited, third-party, auditing companies who have audited our SDLC process and we have the following certifications: ISO 9001, ISO 20243:2018, ISO 27001:2013, SOC 1 Type 1/2, SOC 2 Type 1/2, and Veracode Verified Program. Our product design and development requirements follow the OWASP ASVA v4 framework or other industry standard guidelines.

Onapsis Professional Services

Achieve your business objectives at every stage of your journey. Onapsis' comprehensive professional services offerings target:

Implementation: A paired delivery approach to accelerate time-to-value

Education: Knowledge for teams to successfully operate our platform

Optimization: Enable continuous improvement and alignment to business needs

Administration: Alleviate resource constraints

Onapsis Research Labs

The award-winning Onapsis Research Labs is a team of cybersecurity experts who combine in-depth knowledge and experience to deliver security insights and threat intel affecting mission critical applications from SAP, Oracle, and SaaS providers. They have discovered over 1,000 zero-day vulnerabilities and multiple critical global CERT alerts have been based on their novel research. Onapsis automatically updates its products with the latest threat intelligence and other security guidance from the Onapsis Research Labs. This provides customers with advanced notification on critical issues, comprehensive coverage, improved configurations and pre-patch protection ahead of scheduled vendor updates.

Licensing

Onapsis Control Central offers extensive flexibility in licensing, allowing organizations to customize their Control Central package based on targets, landscape, and preferred languages. All licenses are available as annual subscriptions based on the number of target systems. Subscriptions include access to all updates available for the respective software license, technical support, and a dedicated account manager.

Expand and enhance your Control Central deployment with additional premium capabilities:

- **On Change Control:** Licensed as an annual subscription based on the number of target systems, it provides a detailed security scanning and approval framework for change management that integrates with SAP CHaRM. It offers a single view of detailed security scans, approvals, and notes related to system changes in addition to improving approval and process workflows with automatic notifications, secondary approvals, and more.

The Onapsis Platform

Onapsis Control is one-third of the Onapsis Platform. The Platform provides complete attack surface management for ERP landscapes, focused on business-critical application security that directly target interconnected risk - vulnerability management, threat monitoring, compliance automation, and application security testing.

Onapsis is proud to be an Oracle partner and the only application security and compliance vendor invited to the SAP Endorsed Apps Program.



Table 1: Onapsis Control Central Features and Benefits

Description	Benefits
Centralized Management with Lightweight Sensors	Control Central is centrally managed from one centralized system, drastically reducing deployment and maintenance times as well as load on satellite scanned systems. User access, policies, and test cases are centrally managed as well, enabling organizations to ensure consistency and quality from their code scanning and QA regardless of who is coding or where the code rests.
Out-of-the-Box Custom Code Scans	Save time by scanning millions of lines of code in minutes for ABAP, Fiori, and HANA Native applications. Scans performed for HANA Native include code languages such as SAPUI5, CDS, XSJS, and Node.js. Scans performed for Fiori include code languages such as ABAP and SAPUI5. New ABAP syntax is supported as well as older objects such as SAP LSMW.
Multi-layered Scan Engine	Brand new, re-engineered scan engine that employs multiple scanners running in parallel with hundreds of automated, predefined test cases across a wide swath of use cases. Prioritize code issues based on probability and impact to accelerate your time-to-resolution.
SAST (Static Analysis)	Based on patented global data and control flow analysis
DAST (Dynamic Analysis)	Identifies vulnerabilities that are not part of the expected result set including incomplete/erroneous code
IAST (Interactive Analysis)	Continuous process custom built to check code in SAP development environments against analysis engine for processing in runtime environment
Support for RISE and SAP Business Technology Platform (BTP)	Delivers robust code scanning capabilities for code in development, at rest, and in transit for SAP BTP, including support for ABAP, ABAP Cloud, UI5, and more. Integrates directly with SAP-BTP-recommended IDEs such as Eclipse with ABAP Development Tools, Microsoft Visual Studio Code, and SAP Business Application Studio in BTP. Requires specific licensing for SAP BTP.
Git Repository Scanning	Support for scanning ABAP, ABAP Cloud, UI5, and other non-ABAP code for custom S/4HANA and BTP development in Git repositories - for example, ABAPGit. Requires specific licensing for Git repositories.
Onapsis Global Data and Control Flow Analysis	Onapsis' patented analysis capabilities deliver more accurate detection and significantly lower rates of false positives for code issues, saving valuable time and resources for application development teams.
Broadest Set of Predefined Test Cases Across Multiple Domains	Hundreds of test cases are available out-of-the-box and maintained by the SAP security experts at Onapsis. Test case domains include but are not limited to security, compliance, data loss prevention, code performance, robustness, and maintainability.

Table 1 (Continued): Onapsis Control Central Features and Benefits

Description	Benefits
Market-Leading Support for SAP Development Environments	Use Control Central wherever you currently develop applications, including support for SAP ABAP Development Workbench, Eclipse with ABAP Development Tools, Microsoft Visual Studio Code, and SAP Business Application Studio (BTP).
SAP Application Process Integrations	Seamless integration with SAP ABAP Test Cockpit (ATC), SAP Change Request Management (CHaRM), and SAP Transport Management System (TMS)
Premium Add-on License: On Change Control	A detailed security scanning and approval framework for change management that integrates with SAP Change Request Management (CHaRM)

Table 2: Onapsis Control Central Components and Description

Technology Component and Description	Details
Scan Service: Scans custom source code for security vulnerabilities. Clients communicate with the Scan Service through a REST API.	<p>Minimum Hardware Requirements:</p> <p>CPU: AMD64/EM64T 64-bit mode compatible multi-core CPU (Quad-Core)</p> <p>Hard Disk: 128 GB hard disk space (above what is required for the operating system)</p> <p>RAM: 16 GB</p> <p>Software Requirements:</p> <p>Ubuntu 20 or Red Hat (RHEL) 8.4</p> <p>Java 11</p> <p>OpenSSL 1.1.1n</p> <p>SAP JCO library files for Linux (64-bit) version 3.1.2 or higher</p>
SAP Systems Supported	<p>ABAP Foundation on HANA (any version)</p> <p>SAP S/4HANA Foundation (any version)</p> <p>SAP S/4HANA 1709,1809,1909, 2020, 2021, 2022</p> <p>SAP/BW for HANA (any version)</p> <p>SAP NetWeaver 7.00 SP27 or higher, 7.01 SP12 or higher, 7.02 SP12 or higher, 7.31 SP05 or higher, 7.40, 7.50, 7.51, 7.52</p>