

Enterprise Digital Rights Management for SAP

THE SITUATION

Do you have a systematic approach to restrict data access to your business-critical SAP data? Successful data protection in today's world requires a paradigm shift for your users who need 24x7 access on any device. How can you share data to keep them informed while still protecting trade secrets and intellectual property? Now, Enterprise Digital Rights Management (EDRM) is available for SAP to ensure that as data leaves the SAP application, it is continually protected.



THE SOLUTION

NextLabs EDRM for SAP is a policy-driven rights management solution that provides user-driven, event-driven, workflow-driven, and automated digital rights protection of data exported or stored in documents and files. The solution enables users to classify and protect data, irrespective of the document type, based on policies that are defined and managed in a centralized platform. Protection is automatically applied upon upload and download seamlessly and enforced when users access protected data through the SAP user interface.

THE FEATURES

- Seamlessly integrated with SAP ERP and other applications through the SAP GUI
- Secure business data in SAP that is downloaded as local files, smartforms, printouts, and in other forms
- Protect original documents attached to master and transactional data that are accessed in SAP through transactions
- Multiple client options, including rich client, web browser (zero client), and mobile app
- Protection for any file type, including 2D and 3D CAD, PDF, source code, and rich media
- Support for SAP 3D Visual Enterprise (3D PDF, RH, and VDS files)
- Access protected files safely in public cloud or SaaS applications
- Tag and encrypt data automatically upon upload or download, or apply on ad hoc basis
- Support for Identity Federation to delegate authentication of external users to identity providers
- Dynamic application of multiple security policies to a single document
- Comprehensive monitoring and reporting capabilities

THE BENEFITS

- Protect sensitive data from unauthorized access and collaborate safely with ecosystem partners and mobile employees in the cloud and throughout the extended enterprise
- Centralize control of data-sharing policies with consistent enforcement across all systems and applications
- Safeguard against cyber attacks and SAP data export abuse while maintaining full visibility into data access and usage, even when data is shared externally
- Automate enforcement of regulatory and compliance requirements
- Maintain full visibility into data access and usage with robust auditing and reporting

SOLUTION COMPONENTS

NextLabs EDRM for SAP solution is comprised of multiple integrated components selected and deployed according to the company's use case. The complete solution allows companies to securely share data both internally with global employees, and externally with collaborative partners and suppliers. The components include:

Business Process Integration for SAP

The Business Process Integration component plugs into ERP business processes across the entire supply chain from Procurement to Cash. When documents are downloaded, the component provides classification information for the documents to enforce access control outside of the ERP system. This component also enforces access control using classification when documents are uploaded into the ERP system. The component provides a universal classification model across business objects and enables access control uniformly across the ERP system and outside of it.

Rights Manager for SAP

The Rights Manager for SAP enforces document-level controls, usage level controls - such as upload, download, print, and display - and performs other functions, including data segregation and reading tags. It also integrates SAP data and the NextLabs Rights Management Server to protect (tag and encrypt) files either at-rest or before data is shared.

NextLabs Rights Management Server

The NextLabs Rights Management Server provides several functions. It is the core engine that manages policies and applies user rights and document protection across all applications and systems. The server is integrated with key cloud storage services, including Dropbox, Google Drive, Microsoft OneDrive, and SharePoint Online. The Rights Management Server also provides full audit capabilities for access and usage activities for compliance purposes.

NextLabs Rights Management Client

The NextLabs Rights Management client provides secure access, viewing and editing of protected files using native applications.

Unlike other rights management products, which only support a handful of file formats and applications, the NextLabs product is built to support any file format and application, allowing customers to protect SAP data in CAD, source code, and 3D file formats.

The documents can be accessed seamlessly by authorized users within ERP and other SAP applications through the SAP GUI. The Rights Management Client also works completely offline, making it ideal for mobile users in the field who need offline access to product data.

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Centralized Management and Reporting

EDRM for SAP is built on NextLabs Control Center, the industry-leading policy platform for centralized management, control, and activity analytics. With EDRM for SAP and Entitlement Manager for SAP*, you have one set of policies for all SAP data (structured or unstructured) with centralized visibility to quickly highlight unusual access patterns or behavior to prevent breaches, misuse and violations.

*SAP resells NextLabs solutions as SAP Dynamic Authorization Management, SAP Enterprise Digital Rights Management, and SAP Technical Data Export Compliance.

SUPPORT INFORMATION

Supported File Types in Viewer	Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Visio (Web Viewer only), Adobe PDF, Source code (java, cpp, xml, html, etc.), Picture file (jpg, png, tif, bmp, etc.), CAD (AutoCAD, SolidWorks, ProE, CATIA V5/V6, Parasolid, NX, Solid Edge, Siemens JT), SAP Visual Enterprise (Web Viewer only), Common CAD formats (igs, iges, stp, stl, step, etc.)
Supported Controls	View (Access Control), Edit (Requires RMX), Print, Re-share, Save As (Make a Local Copy), Extract (Make a Decrypted Copy), Watermark (User-defined Control), Expiration (User-defined Control)
Server Platforms	Docker CE, RHEL, CentOS
Client Platforms	Web, iOS, Windows
Supported Identity Providers	Active Directory (AD), Okta, Active Directory Federation Services (ADFS), OneLogin, PingOne
Supported Cloud and SaaS Apps	Google Drive, OneDrive, SharePoint Online, SharePoint On-Premises, Box, Dropbox
RMX for CAD and Authoring Tools	Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Siemens NX, PTC Creo
RMX for Enterprise Applications	Siemens Teamcenter, Microsoft SharePoint, SAP ERP

ABOUT NEXTLABS

NextLabs®, Inc. provides data-centric security software to protect business critical data and applications. Our patented dynamic authorization technology and industry leading attribute-based policy platform helps enterprises identify and protect sensitive data, monitor and control access to the data, and prevent regulatory violations - whether in the cloud or on premises. The software automates enforcement of security controls and compliance policies to enable secure information sharing across the extended enterprise. NextLabs has some of the largest global enterprises as customers and has strategic relationships with industry leaders such as SAP, Siemens, Microsoft, and IBM. For more information on NextLabs, please visit <http://www.nextlabs.com>.