

SAP Global Consolidation

Accelerate the value and adoption of ERP consolidation



SOLUTION HIGHLIGHTS

- Accelerate consolidation with dynamic authorization
- Enable field level security without role explosion with attribute based access control
- Control global access and usage of SAP data with centralized policy management
- Automate tedious compliance processes
- Provide a centralized global view of data access through centralized logging of authorization decisions

ACCELERATING CONSOLIDATION

Today's companies maintain diverse business relationships inside and outside the enterprise. To remain competitive and meet global customer demands, companies collaborate globally on product design, leverage [a global supply chain](#), and depend on global offshore operations to tap business efficiencies. Traditionally, companies have created separate instances of SAP in order to segregate users and programs to ensure compliance and improve information security. However, maintaining multiple instances leads to process inefficiencies, data inconsistencies, and increases cost of operations.

To overcome these challenges and improve sustainability, companies have started to consolidate their ERP systems and provide global shared services. However, critical data is now open to a potentially global user base, including external users such as customers and partners. Global operations on a single ERP system often requires tens of thousands of security profiles, leading to role explosion. Global security requirements often delay consolidation.

These challenges impact enterprises across a broad industry spectrum, including companies in Aerospace and Defense, High Tech, Industrial Machinery and Components, Chemical, and Oil and Gas. NextLabs® and SAP® have teamed to provide a solution that helps companies accelerate consolidation with dynamic authorization, and enable field level security without role explosion with attribute based access control.

THE SOLUTION

The NextLabs solution for SAP Global Consolidation is designed to help companies meet their [compliance and security needs](#) as they consolidate their SAP systems. The solution uses NextLabs Information Risk Management to enable global companies to:

- Extend SAP authorization to provide [attribute-based access control](#). Go beyond context and role to leverage other attributes such as nationality and location to control data level access, without need for defining fine grained roles.
- Enable [dynamic authorization](#), externalizing authorization logic to simplify compliance in global deployments
- Centrally classify data to ensure appropriate access. Leverage inheritance, associations to automate classification
- Centrally define and enforce policies to control global access at the data level

- Automate security controls
- Improve security awareness of users through context based messages
- Provide audit trail on the usage and access to critical SAP data and facilitate compliance reporting

The solution works seamlessly to improve security and compliance while accelerating global SAP consolidation, and reducing role explosion.

DATA LEVEL ACCESS CONTROL ACROSS A GLOBAL PLATFORM

The NextLabs SAP Global Consolidation solution is an SAP-endorsed business solution that integrates with SAP ERP Core Component (ECC), and enforces data level access across SAP GUI, SAP Portal, SAP DMS, cFolders, and mobile applications.

The solution extends SAP authorization concept to provide attribute-based access to SAP business objects such as Materials, BOMs, Routings, Change Masters, parts specifications, CAD drawings and documents. It can leverage SAP roles and context and combine it with other attributes for dynamic authorization decisions, avoiding the need for fine grained roles.

The solution can be configured to automatically classify critical SAP data by association or inheritance or based on location of storage. This greatly simplifies the task of data classification and ensures that program data is properly identified for effective access control.

The solution can also be extended to automatically rights protect data after it is exported from SAP to provide end to end protection and tracking.

SOLUTION DEPLOYMENT

NextLabs follows a proven method for implementing the solution by utilizing a combination of expert product knowledge and a services best practices methodology. When SAP Global Consolidation is deployed, clients will be assisted in identifying and classifying their critical SAP data, as well as in defining policies to automate compliance with regional jurisdictions across a global platform.

GREATER VISIBILITY, BETTER SECURITY

With the SAP Global Consolidation solution, companies can enjoy the following benefits:

- Accelerate consolidation and adoption of shared services. Accelerate deployment of shared services while maintaining compliance.
- Reduce role explosion Provide field level security across a global platform with attribute based access control, without need for fine grained roles.
- Enable central management of regional policies. Centrally manage access, usage and exchange of SAP data by region
- Global view of all critical data access. Centrally track access and report any anomalies.

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>.