

Technical Data Export Compliance for SAP GTS

Solution Brief

An SAP-endorsed business solution for export compliance covering physical goods, digital goods, and technical data



SOLUTION HIGHLIGHTS

- End to end export control for physical goods, digital goods, and technical data
- Best practice policy to enforce technical data control covering:
 - Data classification
 - Access control
 - Data sharing
 - Data storage
 - Data transmission
 - Data handling and use
 - Data mobility
- Block unauthorized exports of digital goods and technical data, including deemed exports
- Track and audit assigned technical data exports to originating license or TAA

INAPPROPRIATE DISCLOSURE OF TECHNICAL DATA

With globalization, enterprises face an ever more difficult challenge complying with export regulations such as the US International Traffic in Arms Regulations (ITAR), Export Administration Regulations (EAR), German BAFA, UK Export Control Act (ECA) and similar export regulations. These export regulations impose fines and penalties for inappropriate disclosure or deemed export of controlled information. These regulations impact enterprises across a broad industry spectrum, including companies in Aerospace and Defense, High Tech, Industrial Machinery and Components, Chemicals and Oil and Gas.

Satisfying export regulations such as the ITAR and EAR is a major challenge for enterprises with global operations, mobile workers, offshore subsidiaries, joint ventures, and extensive partner or supplier collaboration networks. Guidelines or standards around key concepts like deemed exports are loosely defined.

NextLabs® and SAP® have teamed to provide an end-to-end solution for controlling the export of physical goods, digital goods, and technical data. The solution ensures compliance with global export regulations when dealing with foreign customers and suppliers, protects information within the enterprise, restricts access to controlled information to authorized users, and provides detailed reports to demonstrate regulatory compliance.

TECHNICAL DATA SOLUTION

The Technical Data Export Compliance solution is designed to address export requirements dealing with the handling and protection of defense or other technical data. The solution uses NextLabs Information Risk Management to enable project teams to:

- Centrally manage access control policies to ensure export compliance
- Centrally classify or leverage SAP GTS material classifications to identify technical data
- Extend SAP access control context to provide policy-based access to SAP business objects through the SAP GUI and SAP Portal
- Provide attribute-based policies to limit who can access technical data
- Automate end user training on policy decisions
- Monitor and audit authorized export corresponding with approved licenses and defined business policies
- Provide a full audit detailing technical data exports to satisfy regulatory compliance reporting requirements

The solution actively enforces export controls by understanding the complex, business-context variables for appropriate technical data handling and disclosure. The solution enables collaboration with supply chain partners and a mobile workforce while ensuring compliance.

END-TO-END EXPORT CONTROL WITH SAP GTS

The NextLabs Technical Data Export Compliance solution is an SAP-endorsed business solution and integrates with SAP GTS to provide an end-to-end solution for controlling the export of physical goods, digital goods, and technical data.

The solution extends SAP access control context and authorization concept to provide attribute-based access to SAP business objects such as Materials, BOMs, Routings, Change Masters and documents, through the SAP GUI, SAP Portal, easyDMS, cFolders and mobile applications.

The solution leverages SAP GTS services for USML product classification, license requirement check and license type determination to enforce technical data export compliance across SAP ECC, and other common enterprise applications such as Outlook and Microsoft Windows File Server. It also integrates seamlessly with GTS to provide integrated reporting of all technical data export.

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 Technical Data Export Compliance is deployed, clients will be assisted in:

- Centrally defining their business and export authorization policies
- Developing a framework to classify contents and users for effective data level control
- Automating information controls to ensure technical data export compliance
- Centrally logging and tracking all technical data access for compliance reporting

GREATER SPEED AND LOWER RISK

With the Technical Data Export Compliance solution, your export-related tasks no longer mean extra effort, but become part of a reliable business routine. The benefits include:

- A single integrated export control solution with SAP GTS, covering physical goods, digital goods and technical data
- Automate global trade compliance management by actively preventing violations and by centrally logging all export of technical data
- Lower compliance costs associated with various export control regulations such as US ITAR, US EAR, German BAFA and UK ECO export regulations
- Automatically educate users on policy decisions to enhance awareness
- Integrates with SAP GTS to centrally track and audit the shipment of physical goods, digital goods and technical data

NEXTLABS®

Zero Trust
Data-Centric Security



ABOUT NEXTLABS

NextLabs®, Inc. provides zero trust data-centric security software to protect business critical data and applications. Our patented dynamic authorization technology and industry leading attribute-based zero trust 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, AWS, Accenture, Deloitte, Infosys, and IBM. For more information on NextLabs, please visit: <http://www.nextlabs.com>.

Zero Trust Data Security Suite

