



# Entitlement Manager for SAP Business Warehouse

## THE SITUATION

Organizations rely on SAP Business Warehouse (BW) to consolidate data from SAP applications and other data sources and transform it into critical business intelligence. However, users grapple with the common challenge of harnessing big data: pinpointing the right information within massive data sets. Compliance officers face a different challenge of ensuring report data is viewed and shared in compliance with regulations, especially when sensitive information is exported out of SAP BW into reporting interfaces.



## THE SOLUTION

NextLabs Entitlement Pack for SAP BW allows teams to apply data- and field-level controls to SAP BW objects. BEx Info Objects, Info Providers, Info Areas, and even custom fields can be protected with automatic filtering and access control. Business users easily target the right information and comply with governance and compliance policies; irrelevant, restricted, or sensitive data is automatically filtered out of reports, blocked from view, and/or blocked from export.

## THE RESULTS

- **Easy Classification**—Information objects are classified based on relevant business, analytics, and compliance needs within a central interface fully integrated with SAP BW.
- **Granular Filtering and Access Control**—Powerful filtering and access control is provided for BEx Info Objects, Info Providers, Info Areas, and custom-configured fields. Target information objects precisely, based on classification, user roles and attributes, location, client system, and more.
- **Improved Compliance and Data Security**—Filtering and access control ensure secure access and sharing of all report information, which ensures compliance with export control regulations (ITAR, EAR, NERC), contractual privacy and non-disclosure agreements (NDAs), and corporate governance rules.
- **Reduced Administrative Costs**—Leverage existing business classifications and user identity attributes from other applications; apply batch processes to automatically classify large volumes of data.

## CENTRAL CLASSIFICATION MANAGEMENT

The Entitlement Manager for SAP BW includes a Security Classification module that manages data classifications centrally, with seamless integration with SAP ECC and SAP BW. Teams can apply classifications to BEx Info Objects, Info Providers, Info Areas, and even custom-configured report fields, to address multiple reporting requirements simultaneously. Security classifications are easily configured, extended, and managed using batch, interactive, or programmatic interfaces.

## FLEXIBLE FILTERING, DISPLAY, AND DOWNLOAD CONTROL

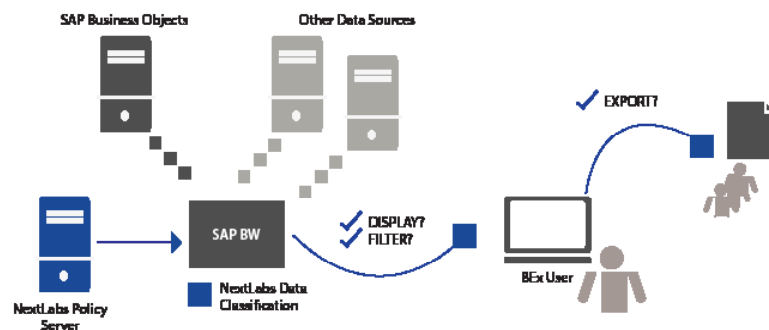
Flexible enforcement options allow policy designers to filter data objects and sources when running reports, filter specified report output when users view reports, and block unauthorized users from viewing and downloading reports. These controls can prevent restricted and sensitive data from being included in reports or downloaded and shared with users in noncompliant or insecure ways.

Within SAP BW, users can be provided with real-time feedback, educating them on compliance restrictions and requirements.

## POWERFUL POLICY MANAGEMENT

Report filtering and access controls are governed by powerful digital policies that reference object- and field-level classification, user attributes, and even dynamic factors, such as computer or location. Policies are evaluated in real-time, with no perceptible latency, before access to information objects is granted.

Policies are managed using an easy-to-use graphical Policy Studio application that provides full lifecycle management and workflow.



## USER ADMINISTRATION AND IDENTITY MANAGER INTEGRATION

User attributes, used in policies, can be leveraged from existing SAP sources including Governance Risk and Compliance Access Control (GRC AC), User Administration, Central User Administration (CUA), Identity Manager, Human Capital Management (HCM), as well as other third-party identity management or directory servers.

## TECHNICAL SPECIFICATIONS

Component	Support
SAP Version	SAP BW 7.31 and 7.40
User Interfaces	SAP Business Explorer Analyzer (BEx Analyzer)
Enforcement	NextLabs Entitlement Pack for SAP BW
Database	Oracle 10c, MS SQL
Business Objects	Info Area, Info Provider, Info Objects (Material, Customer, or any standard object)
Out-of-the-box SAP Modules	Access control to SAP BW objects accessed from BEx Analyzer
Implementation	Rapid Development Kit for Custom SAP Implementation Streamlined IMG-based configuration Data Object Based Common Interception Architecture

## 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>.