

Maximize the Value of Your SAP Investments With Informatica Enterprise Data Catalog

Benefits

- Gain end-to-end visibility into data with lineage across SAP and non-SAP systems
- Improve change management and impact analysis
- Ease compliance auditing and reporting
- Facilitate self-service analytics for non-technical users
- Improve confidence in data-driven decision making

Achieve Comprehensive Data Visibility and Understanding

More than 75% of the world's transactions touch at least one SAP system at some point. The software giant is an indisputable linchpin of the global business ecosystem, serving more than 400,000 customers in virtually every industry with applications that handle everything from CRM to human resources. In SAP's vision of the "Intelligent Enterprise," the latest technologies connect experiences with operations and transform data into action in real time.

Every company wants to be an intelligent enterprise, with all the faster automation, superior customer experiences, new business models, and increased innovation that the term implies. But according to SAP's research, 74% of enterprises say the complexity of their data landscape limits their agility. Your SAP applications, databases, data warehouses, and business intelligence and analytics tools need to work with and be integrated into an overall infrastructure that includes systems from other vendors. Moreover, that already complex infrastructure needs to evolve to accommodate cloud modernization, AI-driven analytics tools, and new SAP platforms like SAP S/4HANA and SAP BW4/HANA.

Informatica® Enterprise Data Catalog helps simplify and accelerate your journey toward the intelligent enterprise. It finds and classifies your data wherever it is—in SAP and non-SAP systems, on-premises, and in the cloud, throughout the enterprise—so you can understand in detail its lineage, its connections to other data, and the transformations it undergoes at every stage from source systems producing the data to analytical and AI applications consuming it.

By making data discovery easy and comprehensive, Informatica Enterprise Data Catalog helps you grasp the relationships and dependencies within key datasets so you can better understand and plan for the impact of modernization and migration. It delivers deep insight into critical data, transformations, and workflows to bolster regulatory compliance. And it ensures that data is consistently trusted so you can expand self-service analytics for your end users.

Key Capabilities

Broad and Deep Metadata Connectivity

Informatica Enterprise Data Catalog extracts metadata from a wide variety of enterprise systems: applications, databases and data warehouses, cloud data lakes and data stores, business intelligence tools, and more. Connect to all your SAP applications, data warehouses, and business intelligence tools, including SAP ERP Central Component (ECC), SAP S/4HANA, SAP PowerDesigner, SAP HANA, SAP Business Warehouse (BW), and SAP BusinessObjects. Using the power of the Informatica CLAIRE[®] AI engine, it identifies and links data to business glossary terms, policies, and classifications.

Auto Domain Discovery, Tagging, Similarity, and Curation

As data volume, complexity, and usage increases throughout the enterprise, automation and machine learning capabilities become critical. With intelligence provided by CLAIRE, Enterprise Data Catalog finds and identifies all your SAP and non-SAP data requiring governance, then associates it automatically with the right business and technical metadata. This creates an easily searchable metadata system of record that lets you see how your data assets impact your enterprise data governance program, understand the business context surrounding the data, and build trust in your well-governed data. It also allows end users to annotate the data assets, leveraging the power of crowdsourcing to enhance understanding of enterprise data.

End-to-End, Detailed Lineage

To trust your data, you need to be able to track end-to-end data lineage across your entire enterprise. Enterprise Data Catalog increases transparency by tracking data from source to BI tools across SAP and non-SAP systems, both in the cloud or on-premises. You can start with system-level lineage views that highlight the endpoints, then expand any lineage path to drill down into granular dataset- and column-level lineage that supports detailed impact analysis of transformations within SAP BW and SAP BW/4HANA.

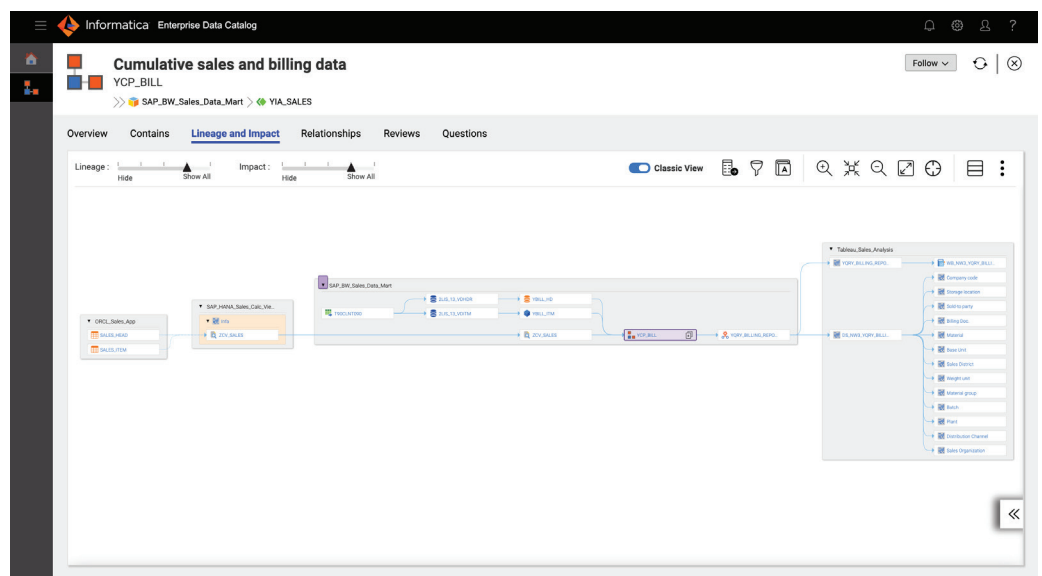


Figure 1: End-to-end data lineage from Oracle to SAP HANA, SAP BW, and Tableau.

Dataset Provisioning

Finding all your enterprise data is the first step; seamless provisioning enables you to maximize its usage and value through self-service. Enterprise Data Catalog integrates seamlessly with Informatica Cloud Data Integration to deliver the data the user has found to a place where they can consume it (assuming they have sufficient privileges) through simple click-through provisioning for self-service analytics. The integration supports SAP HANA as well as a broad array of third-party sources and targets such as Amazon Redshift, Azure Synapse Analytics, Google BigQuery, Snowflake, and common BI tools like Tableau.

Key Benefits

Gain End-to-End Visibility Into Data With Lineage Across SAP and Non-SAP Systems

Comprehensive, AI-powered data lineage capabilities enable you to take a strategic approach to SAP BW and analytics modernization. Enterprise Data Catalog lets you trace even the most complex data lineage from end to end across SAP and third-party applications, databases, and BI tools, regardless of whether they're on-premises or in the cloud. It provides comprehensive visibility into how data is transformed within SAP BW as well as in linked systems.

Improve Change Management and Impact Analysis

Enterprise Data Catalog reveals how granular changes in SAP BW and SAP BW/4HANA—such as changes to InfoCube, MultiProvider, Composite Provider, DataSource, and Query—will affect your BI reports. It helps you identify strategic datasets, relationships, and dependencies for migration and lets you analyze potential impacts of migration so you can plan accordingly.

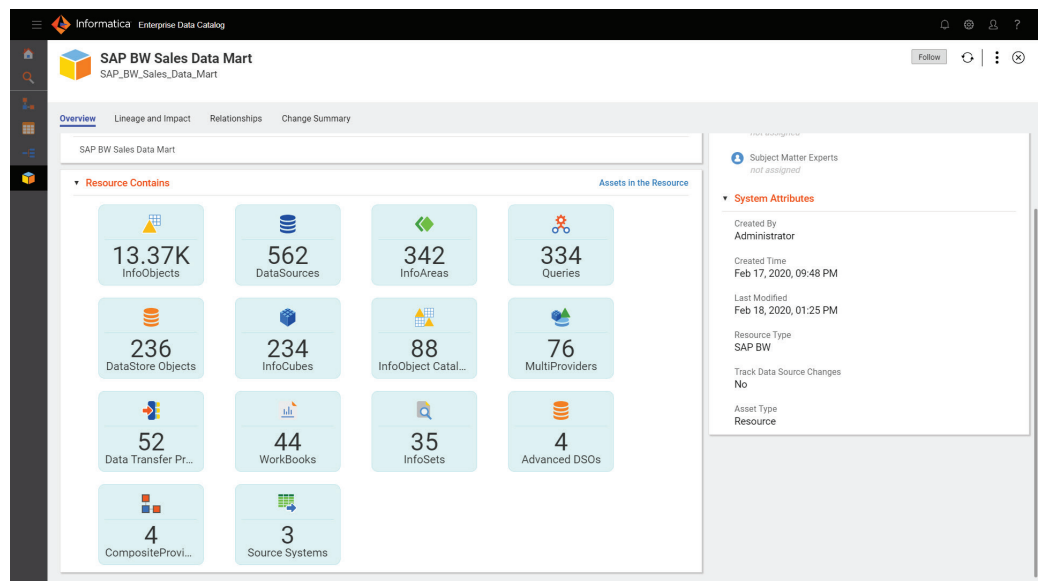


Figure 2: An overview of all the objects that Enterprise Data Catalog extracts from SAP BW.

Ease Compliance Auditing and Reporting

Complex audit and reporting tasks are simplified with Enterprise Data Catalog. Create an end-to-end data flow at the summary level for faster, easier compliance reporting. You can trace critical data elements and track SAP BW InfoObject level transformations in detail for any necessary documentation.

About Informatica

Digital transformation changes expectations: better service, faster delivery, with less cost. Businesses must transform to stay relevant and data holds the answers.

As the world's leader in Enterprise Cloud Data Management, we're prepared to help you intelligently lead—in any sector, category, or niche. Informatica provides you with the foresight to become more agile, realize new growth opportunities, or create new inventions. With 100% focus on everything data, we offer the versatility needed to succeed.

We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption.

Facilitate Self-Service Analytics

By providing easy, comprehensive data discovery across SAP and non-SAP datasets, Enterprise Data Catalog expands the scope of self-service and analytics tools to give end users greater access to and understanding of data assets. Data quality, preview, and provisioning capabilities give end users greater confidence that the data they can now access is relevant, governed, and trusted.

Realizing the Potential of the Intelligent Enterprise

In the era of exponential data growth, an AI-powered data catalog enables you to identify all your data assets and leverage their full value. Discover, classify, and curate data across all your SAP and other enterprise systems. Informatica Enterprise Data Catalog harnesses the power of AI and machine learning to support your SAP modernization so you can increase self-service analytics, leverage cloud services, and achieve SAP's vision of an intelligent enterprise.

Next Steps

Learn more at the Informatica Enterprise Data Catalog [web page](#).



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