

SAP Solution Brief

SAP Solutions for Enterprise
Information Management


SAP Data Services

Objectives

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Quick Facts



**Discover, Cleanse, and Integrate
Enterprise Data with SAP® Data
Services Software**



The Best-Run Businesses Run SAP™

Step up to true enterprise information management

Step up to true enterprise information management

Data – it's one of your most valuable assets. But as the amount and variety of data keeps exploding, it's harder for IT to manage and business users to understand and use. In response, savvy IT executives are modernizing their data infrastructure by standardizing on **integrated data management solutions that provide a trusted data foundation for decision making.**

Is your organization creating, collecting, and managing massive amounts of data? Can you rapidly analyze, understand, and act on the data? And are you confident the data is reliable and accurate – the foundation for making sound decisions and running your business better and faster? If not, you may be moving too slowly into new markets, losing sales due to unhappy customers, running afoul of regulations, and making poor decisions.

To avoid these pitfalls, you need to manage and use information in ways that improve business operations and mitigate risk. Integrated, enterprise-class information management solutions from SAP can help. SAP® Data Services software combined with SAP Information Steward software can modernize your information management infrastructure so you can work with nearly any type of data from almost any source – both on premise or in the cloud. It's never been easier to discover, cleanse, and integrate enterprise data so that it's always available to meet business needs.



Discover and monitor data quality from a business viewpoint

Discover and monitor data quality from a business viewpoint

Provide trusted data for confident decisions

Access, integrate, or move data to generate insights

Using SAP Data Services and its native integration with SAP Information Steward, you can trace the source of all data for optimal information governance. SAP Information Steward can help you understand and continuously analyze the trustworthiness and quality of enterprise information. Use it to monitor how well data adheres to governance rules and to identify quality trends through functions driven by industry-leading dashboards.

Using a role-based user interface, people can also collaborate on data management tasks such as:

- **Running what-if analyses of data-related costs** – Determine the cost and the impact of cleaning bad or dirty data so you can focus data quality and governance initiatives where they will have the biggest impact.
- **Establishing rules and standards** – Provide data stewards with an intuitive user interface so they can define business rules, establish real-time data validation checks, and create standards.
- **Monitoring and sharing metrics** – Use prebuilt scorecards and dashboards to showcase data benchmarks such as integrity, completeness, and accuracy.

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Discover and monitor data quality from a business viewpoint

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With full visibility into data quality, business users in your organization can see how their data measures up against information governance rules and standards. Data stewards can share data quality metrics with IT colleagues and collaborate with them in the ownership and resolution of data problems. At the same time, the software facilitates closer cooperation to help:

- Identify potential savings and lower data-related costs of downstream data cleanup
- Improve collaboration between data analysts and data stewards and promote information governance excellence
- Gain continuous insight about whether data is fit to use based on its quality

Cleanse, enhance, and consolidate data – and make it ready for business use with SAP Data Services.



Provide trusted data for confident decisions

Discover and monitor data quality from a business viewpoint

Provide trusted data for confident decisions

Access, integrate, or move data to generate insights

With SAP Data Services, you can improve data quality for better decision making and business operations. Use the software to correct data issues as they arise, prevent quality issues before they occur, and automatically fix data redundancies, inconsistencies, and errors within any application.

SAP Data Services can also help you apply and enforce data quality rules whenever data is created, updated, or moved, so you can deliver accurate, complete information that is available anytime, anywhere. In addition, you can:

- Parse, standardize, and correct data from any source, domain, or type
- Validate data according to business rules and requirements
- Enrich data with internal or external data sources to fill gaps within data you already have

- Match and consolidate data by embedding data duplication checks directly into workflows or applications
- Perform data quality checks anytime, in real time, on data sets before analyzing, moving, or integrating data

As a result, you can:

- **Ensure consistency across data sources**, whether they are on premise, in the cloud, or embedded in applications
- **Maximize the value of your data** by enabling users to trust all of the data at any time to make confident decisions
- **Improve processes and customer engagement** by connecting data relationships among customers, products, suppliers, materials, and other data



Access, integrate, or move data to generate insights

Discover and monitor data quality from a business viewpoint

Provide trusted data for confident decisions

Access, integrate, or move data to generate insights

With SAP Data Services, your IT department can access and move data of any size from any source and integrate the data to unlock deeper meaning. Intuitive tools help you move and manage data from analytical and Big Data sources (such as Hadoop and NoSQL), as well as machine-generated and geographic data.

Using powerful data integration tools, IT professionals can:

- Access and deliver data at any scale and from any source at high speeds
- Load data rapidly into databases, business intelligence tools, or applications
- Integrate large volumes of data, structured and unstructured, from any data source

When data is ready for analysis, business users can extract relevant text (for example, from unstructured documents) and perform contextual analysis in real time. The software supports quick, efficient text-data processing, so you can:

- Gain deeper insights needed for better decision making and planning
- Uncover useful nuggets of information for greater competitive advantage
- Enhance real-time decision making across enterprise information sources



Make IT a strategic information management partner

Make IT a strategic information management partner

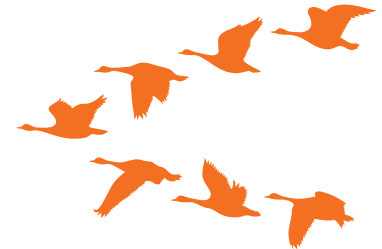
Your company can't afford to lose out on the insights buried within your data. It's time to invest in a solution that makes all of your enterprise data a trusted, relevant, and ever-ready resource for business insight.

With SAP Data Services deployed in conjunction with SAP Information Steward, you can realize this aspirational goal today. You can streamline your company's IT landscape and know exactly what data your company has, where the data is located, and how its quality can affect the business. You can partner with lines of business to address data quality and

governance issues head-on. And you can deliver timely data access and integration to your internal customers so they can gain even more value from enterprise data.

At the same time, deploying these solutions gives IT an opportunity to act as a true strategic business partner. This software supports a collaborative, win-win approach to data management and access that makes it easier for your organization to get what you need: timely access to trustworthy data and insights.

Designed for ease of use and performance, SAP Data Services can help you handle complex initiatives with Big Data, analytics, and information governance.



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Summary

With SAP® Data Services and SAP Information Steward software, you can transform enterprise data into a trusted, relevant, and ever-ready resource for business insight. Use it to discover, cleanse, and integrate data, whether it's structured and unstructured from SAP and non-SAP sources, domains, or types. Empower business users to access and analyze the quality of the data for better decision making. And monitor and govern data quality and understand how it affects enterprise processes and performance.

Objectives

- Discover and profile enterprise data resources and assess data quality
- Cleanse data and engage others in maintaining data quality
- Integrate data and make it available for real-time analysis

Solution

- Intuitive, role-based interfaces for business and IT users
- Tools to discover, define, and monitor data quality levels
- Data quality dashboards and checks to correct data issues at the point of entry
- Data integration and textual analysis tools for timely insights

Benefits

- Turn enterprise data into an ever-ready source of trusted business insight
- Provide continuous insight about whether data is fit to use
- Simplify your IT landscape with integrated, enterprise-caliber data management solutions

Learn more

To find out more, call your SAP representative today or visit us online at www.sap.com/eim.



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