SAP Solution Brief
Data Warehousing Solutions from SAP

Cutting-Edge Business Analysis That Drives Growth, Saves Time, and Lowers Cost

Quick Facts

Summary

The volume of digital enterprise information and content is growing exponentially, and so are the opportunities to capitalize on its potential and gain a competitive edge. With data warehousing solutions from SAP, organizations like yours can manage large volumes of data more cost-effectively. You can provide business users with fast access to data and answers to their questions. And you help ensure that your information is current, complete, and reliable.

Business Challenges

- Manage large volumes of data (often referred to as "big data") cost-effectively
- Provide business users with fast access to data and answers to their questions
- Ensure that your information is current, complete, and reliable

Key Features

- **High-volume data access** – Give users real-time access to an unprecedented amount of information
- **Flexible, powerful data foundation** – Enable analysis of myriad business questions and perform complex analyses in seconds
- **Implementation and optimization** – Speed time to value by lowering costs and implementation times, with minimal customization and performance required

Business Benefits

- **Enable continuous growth** with faster, more reliable business analysis that helps you beat the competition
- **Empower people across the organization** with access to a greater volume and breadth of information – in real time
- **Get answers more quickly while saving IT resources** with improved ad hoc query response times
- **Save time, reduce risks, and lower costs** by establishing a single version of the truth as a foundation for analytics across the organization
- **Facilitate end-user adoption** of your business intelligence and other enterprise applications
- **Reduce IT storage requirements and costs** by simplifying system landscapes

For More Information

To learn more about data warehousing solutions, contact your SAP representative or visit www.sap.com/solutions/business-analytics/data-warehousing.epx.

Digital enterprise data is growing at an unprecedented rate and presents great challenges – and opportunities. Data warehousing solutions from SAP help you make the most of your enterprise information with fast, reliable, and comprehensive business analytics. With SAP® solutions, business users across the organization get real-time data access and the answers they need to drive growth and outperform the competition.

The pace of business today means that companies must seize chances quickly, at just the right moment, and make crucial decisions confidently at times of risk. At the same time, customers expect ever more personal, flexible service, and they want their questions answered quickly. To move with the speed and agility necessary to meet these challenges, companies need business analytics that deliver accurate, timely information to end users across the organization.

For comprehensive business analysis you must have all the pieces in place. Business analytics solutions from SAP address them all, helping companies with business intelligence (BI), enterprise information management (EIM), enterprise performance management (EPM), and governance, risk, and compliance (GRC). BI applications provide an integrated view of information to facilitate decision making. Solutions for EIM deliver actionable data to applications and business users. Solutions for EPM establish an environment to understand, evaluate, and improve performance and drive strategy and operational alignment. And GRC solutions make risk and compliance part of decision making, strategy, and performance management.

Data warehousing solutions from SAP complete the picture and bring powerful, sophisticated business analytics to end users across your organization. The solutions provide a foundation of accurate and reliable data, faster analytics functionality, and real-time data access. They include:

- SAP HANA™ appliance software
- Sybase® IQ software
- Sybase PowerDesigner® software
- SAP NetWeaver® Business Warehouse component
- SAP NetWeaver Business Warehouse Accelerator software
- SAP BusinessObjects™ Rapid Marts® packages

With data warehousing solutions from SAP, you can improve query response times. You can increase the volume and breadth of information available to business users in real time. Boost the utilization rate of your enterprise and BI applications. Reduce the time to value of data warehousing deployments. Streamline and reduce the total cost of ownership of your data warehousing solutions and simplify your IT landscape, without disrupting daily business activities.

FAST ACCESS TO HIGH VOLUMES OF DATA

With data warehousing solutions from SAP, you can provide all business users with real-time access to an unprecedented amount of information – traditional, transactional, and operational data as well as Web content, e-mail, text messages, video, and so on.

In-memory computing dramatically decreases the response time for analytics queries. With higher throughput, the software can perform more queries concurrently, improving enterprise and IT productivity. End users can conduct ad hoc queries tens of times more quickly than with traditional databases. For example, a report that used to take 20 minutes to run can be completed in just 1 second. Built-in calculation logic makes processes more efficient by eliminating multiple interim steps. And you can eliminate the need for aggregate tables and information cubes to provision queries.

Better access to information across the enterprise reduces expenses and improves efficiency. For example, you can dramatically reduce costs by having real-time information from different vendors included in the creation of purchase orders. Pharmaceutical companies can find out within seconds where a specific batch of medications is stored in locations across the supply and distribution chain. Wholesalers can track promotions and restock retail inventory for successful promotions – before they end and the opportunity is missed.

With SAP solutions, your business users get access to information whenever they want, and from wherever they want. The software supports business analytics through mobile devices and the use of social networking applications.

BETTER ANALYTICS WITH A FLEXIBLE, POWERFUL DATA FOUNDATION

Data warehousing solutions from SAP enable the analysis of myriad business questions with a flexible data foundation that is adaptable to a range of scenarios and use cases. The solutions support data from SAP and non-SAP sources. Business users can perform complex analyses in seconds and see the quality

ratings of data from different sources. In addition, you can bring data together from different source systems and perform complex data transformations.

Powerful functionality in the SAP HANA appliance software and Sybase IQ software compresses massive amounts of data into manageable chunks, reducing storage space and your IT footprint. Advanced replication and delta techniques reduce data bandwidth requirements. You can partition data to enable parallel processing and improve responsiveness, and you can organize data in columnar format for better compression and faster processing. Database functions are optimized for multicore architectures.

Built-in risk and compliance information and risk calculation functionality make monitoring risk an integrated part of daily decision-making processes. What's more, you can take advantage of preconfigured business content, available as SAP BusinessObjects Rapid Marts packages.

SMOOTH IMPLEMENTATION, OPTIMAL TIME TO VALUE

Data warehousing solutions from SAP require minimal customization and performance optimization to deploy, speeding time to value by lowering costs and implementation times. And minimal training is needed, so business users can get up to speed quickly. Taking advantage of the solutions' integration with SAP BusinessObjects BI solutions and SAP solutions for enterprise information management, the IT department can create innovative custom solutions for business users.

These data warehousing solutions are scalable to meet your needs now and going forward. They enable you to avoid proprietary applications and hardware stacks, saving time and costs spent on customization and performance optimization. And you have the flexibility to choose whether to consume analytics as an on-demand service or to deploy the software on your premises.

YOUR BUSINESS BENEFITS

With data warehousing solutions from SAP, you get faster, more reliable business analysis that enables continuous growth and helps you beat the competition to new opportunities. People in all roles have access to a greater volume and breadth of information available – in real time. The software improves ad hoc query response times, answering questions quickly and saving IT resources. You can save time, reduce risks, lower costs, and establish a single version of the truth as a foundation for business analytics across the organization.

Data warehousing solutions from SAP are user-friendly and integrated with your enterprise software, facilitating end-user adoption of your business and BI applications. And the software helps IT reduce storage requirements and costs by simplifying system landscapes.

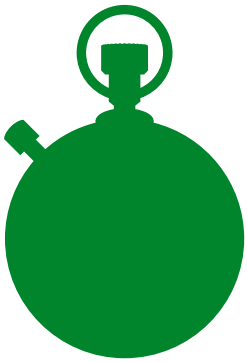
FIND OUT MORE

To learn more about data warehousing solutions to enable enterprise-wide business analytics, contact your SAP representative or visit us online at www.sap.com/solutions/business-analytics/data-warehousing.epx.

ABOUT SAP

As market leader in enterprise application software, SAP (NYSE: SAP) helps companies of all sizes and industries run better. From back office to boardroom, warehouse to storefront, desktop to mobile device – SAP empowers people and organizations to work together more efficiently and use business insight more effectively to stay ahead of the competition. SAP applications and services enable more than 109,000 customers to operate profitably, adapt continuously, and grow sustainably. For more information, visit www.sap.com.

With data warehousing solutions from SAP, business users across the organization get real-time data access and the answers they need to drive growth and outperform the competition.



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Our mission is to make every customer a best-run business. Our software and services help customers optimize their business processes. SAP customers can use business analytics to attain insight, efficiency, and flexibility to respond to changes in the business environment with more agility and effectiveness and capture the full benefits of business networks. By leveraging innovative technologies to help companies become best-run businesses, we help customers around the globe perform at a significantly higher level of effectiveness and efficiency. In reaching for this goal, we are also contributing to global economic development on a grand scale.

The Best-Run Businesses Run SAP™