

## IBM DB2 optimized for SAP solutions

### Highlights

- **Leverage the newly optimized functionality of DB2, a proven data server for SAP solutions**
- **Integrated recovery features at no additional charge — Tivoli Systems Automation (TSA) for high availability**
- **Decrease total cost of ownership with lower licensing and maintenance fees and simplified installation and administration**
- **Enable SAP solutions across the widest range of hardware and operating system environments, including AIX, HP-UX, Linux, Solaris, Microsoft Windows, i5/OS and z/OS for industry-leading platform support**
- **Extend the value of SAP with easy-to-use administrative tools, including the fully integrated SAP DBA Cockpit for DB2**
- **Leading performance, DB2 has established an unmatched record of outstanding performance on a wide variety of industry-leading SAP benchmark tests**



### Real innovation, real solutions

In times of high growth, increasing mergers and acquisitions, and tight budgets, customers expect a higher return on their investments (ROI) and uncompromising reliability and performance to drive business success. DB2<sup>®</sup> 9 marks the second in a series of joint development efforts to deliver tighter, more seamless, virtually “invisible” integration with SAP for outstanding savings.<sup>1</sup> First introduced in 2005 with DB2 8.2.2, DB2 9 delivers more SAP-specific enhancements, better performance and increased availability, providing the ideal data server to run your business.

### DB2 optimized for SAP: an integrated roadmap for long-term success

The alliance of IBM DB2 and SAP represents more than just a technology agreement.

**Partnership** — Unique in the industry, all DB2 optimized for SAP solutions are jointly developed by IBM and SAP teams who work together in development, service, quality assurance and testing.

**Integration** — DB2 for SAP solutions ship fully integrated as one product. You can rely on the ease and simplicity of integrated installation, one-stop service and synchronized maintenance.

## Leading benchmark performance

DB2 has established an unmatched record of outstanding performance on a wide variety of industry-leading SAP benchmark tests. In a recent SAP SD 3 Tier Application Benchmark, DB2 delivered 68% better performance using half the number of CPUs compared to the Oracle result. DB2 has been designed with unique scale out and scale up capabilities along with tight linkages between it and SAP's application logic to consistently deliver optimized performance.<sup>2</sup>

## Turning the roadmap into reality

### Deployment

Fully integrated in the SAP installation process, DB2 installs on Linux®, UNIX® and Microsoft® Windows® platforms. With DB2 9, IT administrators can install different releases of DB2 on one server — allowing customers more flexibility in their maintenance strategy and the exploitation of virtualized server environments.

### Administration and configuration

DB2 9 expands on the capabilities of DB2 V8.2.2 with significant tuning enhancements, including self-managing storage, self-tuning memory configuration, and automatic reorg, runstats and backup. With features like row compression, data remains compressed throughout the entire lifecycle. You gain better resource exploitation resulting in increased I/O bandwidth, memory exploitation, CPU utilization, and better response time with significant savings in disk space usage — up to 70 percent.

## Query performance and business intelligence differentiator

For users who need to further exploit SAP NetWeaver Business Intelligence query performance, DB2 offers a unique multi-dimensional clustering (MDC) capability. Unlike range partitioning, MDC allows users to prestructure the data over more than one dimension for less data processing, yielding faster data access and query results.

## Recovery and high availability

Backup and recovery are integral components of the DB2 engine. The complete management of this fundamental functionality is handled directly by DB2 to minimize administration time and effort. DB2 9 incorporates substantial enhancements to simplify usage, increase security and improve availability at no additional cost.

## For more information

To learn more about IBM Information Management Software and DB2 9, contact your IBM representative or IBM Business Partner, or visit: [ibm-sap.com](http://ibm-sap.com)



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<sup>1</sup> DB2 9, General Availability, August 2006.

<sup>2</sup> No. 1 in three-tier SAP SD standard application benchmark performance: DB2 v8.2 outperforms Oracle 10g by 68 percent on half the CPUs (DB2 running on 32-way p5 595 vs Oracle running on 64-way HP), as of June 1, 2006. Leading four-way three-tier SAP SD mySAP ERP 2004 application benchmark performance, as of June 1, 2006. More information at [www.sap.com/benchmark](http://www.sap.com/benchmark).