IBM Software

DB2 Data Management Software

IBM DB2: The choice for powering PeopleSoft applications

e business

Supporting ever-evolving business needs: Choosing the right database

Thousands of organizations around the world run their mission-critical business processes and manage their most valuable business information assets with PeopleSoft e-business and enterprise solutions. And with good reason: PeopleSoft applications leverage the strength of the people within an organization to enhance the way they conduct business–both internally and externally.

Having a world-class database that will support evolving enterprise needs is just as important for a company's success as the business software behind its operations. Organizations can benefit from a powerful, reliable, scalable and secure datastore that can provide almost immediate responses to complex queries from internal, companywide users and externally based customers. If the database fails, then PeopleSoft applications fail–taking the heart and soul of your business with them.

226/11
226/12
226/13
226/14
226/15
22H/1
22H/2
22H/3
22H/4
22H/9
22H/16
22I/1
22I/5

DB2: The database decision is clear

With so many data management options out there, how do you choose the one that's right for your business? Start by looking right at the source: PeopleSoft has chosen IBM DB2® for running its own business as well as conducting primary database development and testing for PeopleSoft 8 applications on UNIX.®

PeopleSoft applications: Optimized for DB2

IBM and PeopleSoft have ensured that both DB2 and PeopleSoft applications are fully optimized to run on a variety of platforms – including AIX,® Windows® NT,® Sun Solaris, HP-UX, OS/390® and z/OS™ – as well as IBM @server pSeries,™ xSeries™ and zSeries™ servers.

A proven, enterprise-strength data management system, DB2 is now the fastest growing relational database on the market, with 40 million users worldwide. Studies conducted by International Technology Group[1] show that DB2 has a lower total cost of ownership (TCO) than competing database products, which are up to *three times* more expensive for license, support and administration costs. Additionally, the DB2 family of database servers are uniquely equipped to provide the availability, scalability and security required by the PeopleSoft application suite.

Leading research organizations that have deployed PeopleSoft applications on DB2 cite not only lower costs, but also the quality of technical support combined with performance and function as advantages of using DB2.[2] In addition to being *the* database that PeopleSoft uses to run its own business:

- DB2 is the only database able to scale across Windows NT, UNIX and the mainframe (S/390® and zSeries).
- DB2 is the only database providing mainframe connectivity for PeopleSoft applications (DB2 Connect™).
- DB2 is PeopleSoft's primary UNIX development and test platform.
- DB2 is the top-performing database in PeopleSoft-certified application benchmark tests for speed and number of users.
- DB2 Everyplace™ is embedded in PeopleSoft mobile applications.

Merging e-business expertise with leading-edge applications

With significant resources and investments in development, tuning, and support for PeopleSoft applications on DB2, as well as proven and tested technology, IBM and PeopleSoft are committed to their strategic alliance. The two companies provide customers with comprehensive solutions that combine industry and e-business expertise with performance-enhancing applications, enabling organizations to:

- Connect customers, suppliers, employees and partners to their key business processes – in realtime
- Leverage best-of-breed applications for customer relationship management (CRM), supply chain management (SCM), enterprise service automation (ESA), human capital management (HCM), financial management solutions, and enterprise performance management (EPM)
  - Improved business productivity driven by universal access to applications via a Web-ready architecture

  - Intuitive, browser-based interface that dramatically improves usability
- Achieve enterprisewide global visibility, control and accountability, with:
  - Realtime performance measurement that helps you align workforce, supplier, and partner performance with strategic planning and enterprise objectives
  - Realtime business insight into your customers, suppliers, employees and partners – helping you make critical business decisions faster and more accurately
  - Integrated analytics and a personalized, enterprise portal
- Reduce costs and react to change quickly, thanks to:
  - PeopleSoft applications, which are pre-integrated and optimized with IBM hardware, database software and middleware – furnishing superior performance to run your business
  - IBM and PeopleSoft open architectures that let you leverage existing technology investments
  - Industry and best practices experience
  - Eliminating the development of client-side code

"DB2 delivers the versatility, functionality and performance needed to support PeopleSoft's comprehensive suite of Internet applications," says Peter Gassner, vice president of the PeopleTools technology division at PeopleSoft. "Our customers depend on this kind of robust platform to compete effectively in today's rapidly changing business environment."

According to PeopleSoft's CEO, Craig Conway, "For PeopleSoft, the choice is DB2 Universal Database…[and] IBM is the perfect partner."

"From the customer's point of view, the IBM and PeopleSoft solution boils down to reduced overall risk, cost and time associated with deployment. Simply put, the alliance delivers confidence."

– Dan Colby, IBM General Manager, Enterprise Servers

"DB2 simply cost less than Oracle for EPRI. Its interoperability with our existing business software and PeopleSoft applications as well as its reliability, scalability and database administration features were major factors in our decision to go with IBM."

– Scott Kurtz, IT Technical Services Manager, Electric Power Research Institute (EPRI)

DB2: Industry-leading benchmark results for PeopleSoft applications

PeopleSoft-certified benchmarks provide customers with an integrated infrastructure model for enhanced scalability, reliability, security and customer care. PeopleSoft applications running on DB2 have produced industry-leading benchmarks in the following areas:

- PeopleSoft 8 Accounts Receivable
- PeopleSoft 8 Time and Labor
- PeopleSoft 8 CRM
- PeopleSoft 8 Financials Online
- PeopleSoft 8 Enterprise Portal
- PeopleSoft 8 Payroll
- PeopleSoft 8 HRMS

These best-in-class benchmark results enable companies to utilize best practices and excel at the speed of e-business.

PeopleSoft EPM: Backed by DB2 performance

PeopleSoft also recently certified DB2 OLAP Server™ as a back-end analytical tool that allows users to analyze data and cubes generated by PeopleSoft enterprise performance management (EPM); users can benefit from its robust data mining and reporting capabilities.

DB2 OLAP Server provides scalable, multidimensional OLAP analysis capabilities with the server running on Windows NT, Windows 2000, AIX, Solaris or HP-UX, and client access from Windows and Web browsers. DB2 OLAP Server gives you a fast path to turn your mission-critical application and warehouse data into business insight. It's built for e-business – with tools to help you quickly deploy PeopleSoft EPM Web-based analytical applications.

Grow as fast as you want – DB2 will support you

Business changes such as acquisitions, mergers and new partnerships can exponentially increase the user base of your PeopleSoft applications…almost overnight. These users will be tapping into your database to perform complex predictive modeling queries and OLAP functions – and often, they'll be doing so concurrently. Can your database handle the volume? If you have DB2, the answer is yes.

DB2: Scalable across diverse requirements

Scalability and availability are no longer buzz words: They're requirements for success. Your PeopleSoft applications must be able to access your data – no matter how large your organization becomes; if your database can't handle this growth, then end users can't perform their jobs effectively. Downtime – both expected and unexpected – and database crashes can impede your growth as well.

At the same time, your end users need the ability to tap into PeopleSoft applications – quickly and easily. Time lost waiting for IT personnel to reboot a database or recover data can mean significant loss of revenue – even customers.

With this in mind, IBM has specifically configured DB2 to handle workloads right on the back-end server: a far more efficient method than placing the brunt of the work on the client. From handhelds needing only a few kilobytes of data to mainframes using one terabyte, DB2 can scale to virtually any business needs. In fact, DB2 Universal Database™ Enterprise-Extended Edition is the only supported parallel processing database for PeopleSoft: Its "share-nothing" architecture means no shared bottlenecks.

Getting up to speed…with DB2 education

To help get new users up and running quickly, IBM offers a free, downloadable self-study course on DB2 Universal Database (UDB). This fast-path course provides experienced database administrators (DBAs) with a way to quickly and easily gain skills in DB2 UDB. In addition, DBAs can use this course to help prepare for DB2 certification.

A joint investment in resources: IBM and PeopleSoft

For more than 14 years, IBM and PeopleSoft have worked together in the areas of development, marketing, services and sales. Whether onsite at PeopleSoft labs, at the DB2 Lab in Toronto, at the DB2 Silicon Valley Lab, or in the field, IBM and PeopleSoft have invested jointly in resources to develop and optimize code.

IBM has engineers onsite at PeopleSoft to help with benchmarks and development. In addition, a customer satisfaction manager and PeopleSoft advocate are based at IBM's Silicon Valley Lab, while development engineer sponsors at the Toronto lab help port PeopleSoft product features and requests into the DB2 engine.

Professional services offerings: IBM and PeopleSoft

Working with PeopleSoft, IBM can effectively address your business requirements: Strong relationships with PeopleSoft in hardware, software and integration services can help you leverage existing – and planned – DB2 implementations, as well as other IBM solutions.

As one of the top-tier providers of consulting and implementation services for PeopleSoft customers, IBM Global Services has the knowledge, experience and breadth of capabilities to help you solve business problems, realize the power of technology and seize new opportunities. With more than 140,000 professionals in over 160 countries, IBM Global Services employs people from diverse backgrounds – industry experts, technology specialists and consultants – experienced in delivering real business results.

Find out more

For more information about IBM DB2 solutions for PeopleSoft, contact your IBM marketing representative, or visit the DB2 Web site at:

ibm.com/software/data/peoplesoft

© Copyright IBM Corporation 2002

IBM Corporation
8051 Congress Avenue
Boca Raton, FL 33487

Printed in the United States of America
08-02
All Rights Reserved

IBM, the IBM logo, AIX, DB2, DB2 Connect, DB2 OLAP Server, DB2 Universal Database, Everyplace, the e-business logo, OS/390, pSeries, S/390, xSeries, z/OS and zSeries are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries or both.

Windows and Windows NT are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product and service names may be trademarks or service marks of others.

References in this publication to IBM products and services do not imply that IBM intends to make them available in all countries in which IBM operates.

IBM Global Financing offerings are provided through IBM Credit Corporation in the United States, IBM Canada Ltd. in Canada, and other IBM subsidiaries and divisions worldwide to qualified commercial and government customers. Rates are based on a customer's credit rating, financing terms, offering type, equipment type and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension or withdrawal without notice.

[1] "DB2 for PeopleSoft Applications: Cost/Benefit Case for UNIX and Windows Deployments," International Technology Group, Los Altos, California, 2001.

[2] Ibid.

GC18-7204-00