

Fast Facts

This document is available at <http://www.microsoft.com/sql/fastfacts>

High Level Statistics

- SQL Server is the most popular web database with 68% market share (Zona Research, January 2000)
- Three independent studies have found that SQL Server has a lower total cost of ownership than Oracle
- SQL Server is three times easier to use than Oracle (American Institute for Research 1999)
- SQL Server has enabled:
 - Dell.com to sell over \$35M worth of computers a day
 - AskJeeves.com to answer 2 million questions per day
 - NASDAQ.com to handle 20 million hits per day
 - Monster.com to become a leading job site

Market Momentum

- Fastest growing database, with 86% revenue growth, and 10.3 million seats in 1999. It accounts for over 71% of databases sold on the Windows® platform
- Six of the top 10 shopping sites use Microsoft SQL Server (Netcraft analysis of PC Data rankings, Dec. 1999)
- 45% of the secure Web sites conducting business run on Windows®, while only 11% run on Sun. (source: Netcraft, May 2000)
- Over 2000 applications available on SQL Server
- More than 85,000 trained SQL Server DBAs

Scalability Proof Points

- SQL Server 2000 running on Windows 2000 achieved nearly **double** the performance of Oracle/Unix at **half** the total system cost in a TPC-C benchmark study achieving 262,243 tpmC on a Compaq ProLiant 8500-700-96P (12 node) with a price/tpmC of \$20.24 and total system cost of \$5.3 million.¹
- SQL Server 7.0 on Windows 2000 is the fastest database on the **SAP R/3 Retail Modules v 4.5B Benchmark** – processing **3.165 million sales data line items/hour** for **half the cost** of Sun UE 1000/Oracle 8i.
- SQL Server 2000 on Windows 2000 provides the best performance on the SAP R/3 Sales and Distribution Standard Benchmark on Windows, supporting **7,500 concurrent sales and distribution users** with **53% more scalability** than Oracle on Windows 2000.
- SQL Server 7.0 Enterprise Edition and Windows 2000 Advanced Server set the world record for the **PeopleSoft Human Resources Management System (HRMS) benchmark**, showing that the platform can support 21,000 concurrent users with a specified response time. It is the highest result achieved on any platform, with **23% better** performance than Unix/IBM DB2.
- SQL Server 7.0 Enterprise Edition and Windows 2000 Advanced Server on Compaq was used to break all records for the **PeopleSoft Financials Online Benchmark**, supporting 4,600 users with a specified

response time. It is the highest result achieved on any platform, with **15% better** performance than Unix.

- SQL Server 2000 Enterprise Edition and Windows 2000 Advanced Server on Compaq set the world record for the standard **J.D. Edwards OneWorld Benchmark**, with 3,442 concurrent users. It beat the Sun/Oracle previous record by **over 37%**.

Reliability Proof Points

- An independent study by Aberdeen Group found that nine early-adopter dotcom sites had a combined 99.95% uptime on Windows 2000. From Aberdeen's perspective, this level of availability is outstanding considering that most accounts still needed to fully optimize Windows 2000, upgrade to the final release, and build expertise in the product. (Aberdeen Group: *details on pg 2*)
- Dell.com has experienced 99.9985% availability in the past 12 months
- Unisys guarantees 99.99% availability on PeopleSoft/ SQL Server
- CommerceOne guarantees 99.99% availability on SQL Server
- Barnesandnoble.com, running on Microsoft SQL Server, had the best 1999 holiday season uptime (98.55%) of major surveyed e-commerce websites. (*details on pg 2*)

Some B2C Sites on the Microsoft Platform

1800flowers.com	EddieBauer.com	Quixtar.com
800.com	Expedia.com	Quote.com
Ashford.com	Gear.com	Kids.com
Askjeeves.com	Healthshop.com	Staples.com
Auctionrover.com	JCPenney.com	Starbucks.com
Barnes and Noble	MobilePlanet.com	uBid.com
Bigfoot.com	Monster.com	UpShot.com
Buy.com	MotleyFool.com	ValuPage.com
Carpoint.com	NASDAQ.com	
CBS SportsLine	Nordstrom.com	
Dell.com	OfficeDepot.com	
	PlanetOutdoors.com	

Hosting and B2B on the Microsoft Platform

- Digex (with 600 SQL Servers including marthastewart.com), DataReturn, and US Internetworking all host sites on SQL Server
- Commerce One uses SQL Server to support marketplace exchanges for customers such as Boeing, British Aerospace, Lockheed Martin, PACCAR TruckExchange, Columbia Healthcare, Eastman Chemical, LA County, Schlumberger, Warner Lambert
- Customers using SQL Server solutions from Clarus include MasterCard, Lyondell Chemical, Met Life, Perot Systems, ComCast Cellular, Wachovia, PSI Net, Nortel, Safeco
- Ariba, another Microsoft partner, supports Dell, Visa, Nestle, American Express, Honda, and Sunoco on SQL Server
- Intellisys uses SQL Server to support First Union Bank, Chase Manhattan Bank, Ford, Texas Instruments, Hasbro
- Other SQL Server-based exchanges include Bank of America, British Telecom, Deutsche Telecom, Guess, Healthcon/WebMD, Honeywell, Intel, Lucent, Northern Telecom, NTT, Ocean Spray, PlasticNet, Radiant, Siemens, VerticalNet, and Weyerhaeuser

¹ Fujitsu GP 7000F Model 2000; 138,735 tpm-C; price/tpm-C=\$74.33 US; Oracle®/Sun Solaris.

References/Links/Sources/More Information

HIGH LEVEL STATISTICS

- SQL Server is three times easier to use than Oracle: www.microsoft.com/presspass/features/1999/09-29compass2.asp
- Aberdeen Group Study Shows SQL Server Offers 3.7 Times Better Cost of Ownership than Oracle for Real-World Customer Solution: <http://www.microsoft.com/sql/productinfo/Aberdeen.htm>

PRODUCT OVERVIEW

- Features Guide: <http://www.microsoft.com/sql/productinfo/features.htm>
- Third party reports, Competitive Comparisons: microsoft.com/sql/productinfo/compare.htm

SCALABILITY BENCHMARKS

- All SQL Server Benchmarks: <http://www.microsoft.com/sql/worldrecord>
- Transaction Processing Performance Council (TPC) benchmark results: tpc.org;
- Line of Business ISV Standard Benchmarks and SQL Server 7.0 Performance Tuning Guides: <http://www.microsoft.com/sql/productinfo/LOBbench.htm>
- Windows 2000 Scalability vs. Sun Solaris: <http://www.microsoft.com/windows2000/guide/server/compare/solaris.asp>

RELIABILITY

- Survey of post-Thanksgiving uptime of e-commerce websites. Barnesandnoble.com, running on Microsoft technology, had 98.55% uptime. Report by Keynote Systems: <http://www.zdnet.com/pcweek/stories/news/0,4153,1018299,00.html>
- Aberdeen Group: Proving-the-Point: Interviews with Next-Generation Windows 2000 dot.coms: <http://www.microsoft.com/windows2000/guide/server/reviews/dotcoms.asp>

BUSINESS SOLUTIONS

- Data Warehousing: <http://www.microsoft.com/sql/datawarehousing>
- E-Commerce: <http://www.microsoft.com/sql/productinfo/Commerce.htm>
- Business Internet Analytics: <http://www.microsoft.com/sql/BIA>
- Knowledge Management: <http://www.microsoft.com/dns/km/Sql.htm>
- Customer Relationship Management: <http://www.microsoft.com/industry/crm/>
- Mobile Computing: <http://www.microsoft.com/sql/techinfo/mobile.htm>
- Third Party Solutions: <http://www.microsoft.com/industry>

E-COMMERCE CASE STUDIES

- Top Media Metrix and PC Data shopping sites using Microsoft SQL Server: <http://www.microsoft.com/sql/success>
- Ask Jeeves: <http://www.microsoft.com/dna/discover/askjeeves.asp>
- Barnes and Noble: <http://www.microsoft.com/solutions/ecommerce/Barnes.htm>
- CBS SportsLine: <http://www.microsoft.com/sql/productinfo/CBS.htm>
- Data Return: <http://www.microsoft.com/windows2000/guide/server/profiles/datareturn.asp>
- eHome.com: <http://www.microsoft.com/windows2000/guide/server/profiles/ehome.asp>
- InfoSpace.com: <http://www.microsoft.com/windows2000/guide/server/profiles/dotcoms/infospace.asp>
- NASDAQ.com: <http://www.microsoft.com/windows2000/guide/server/profiles/dotcoms/nasdaq.asp>
- NetReach: <http://www.microsoft.com/windows2000/guide/platform/profiles/netreach.asp>
- NORDSTROMshoes.com: <http://www.shoestory.com>
- Quote.com: <http://www.quotestory.com>
- Supermarkets.com: <http://www.microsoft.com/windows2000/guide/server/profiles/supermarkets.asp>
- Ubid.com: <http://www.microsoft.com/dna/discover/ubid.asp>

LINE-OF-BUSINESS CASE STUDIES

- AT&T Growth Markets: <http://www.microsoft.com/dna/discover/att.asp>
- Harper Collins: <http://www.microsoft.com/sql/productinfo/harper.htm>
- InAir: <http://www.microsoft.com/sql/productinfo/InAir.htm>
- Inmar Enterprises: <http://www.microsoft.com/sql/productinfo/inmar.htm>
- L.A. Cellular: <http://www.microsoft.com/sql/productinfo/LACellular.htm>
- Marketstar Corporation: <http://www.microsoft.com/sql/productinfo/Marketstar.htm>
- Pennzoil-Quaker State: <http://www.microsoft.com/sql/productinfo/pennzoil.htm>
- Sea-Land Service, Inc: <http://www.microsoft.com/sql/productinfo/Sea-Land.htm>
- Southwest Securities: <http://www.microsoft.com/sql/productinfo/southwest.htm>
- Swiss Stock Exchange: <http://www.microsoft.com/windows2000/guide/platform/profiles/swx.asp>
- Transamerica Flood Hazard Certification: <http://www.microsoft.com/sql/productinfo/Transamerica.htm>