



Data Management Solution from HP and Microsoft Delivers Single View of Information Across the Enterprise

Overview

HP and Microsoft have created a scalable, high performing SQL Server-based data warehouse solution that provides a single view of information across the enterprise. The [HP Enterprise Data Warehouse Appliance](#) is an integrated, all-in-one hardware and software solution that is easier to deploy, operate and manage than traditional, proprietary data warehouse offerings.

The HP Enterprise Data Warehouse solution is 10 times more scalable and responds to queries up to 100 times faster than traditional SQL Server data warehouse deployments. The new data warehouse solution works with Microsoft SQL Server 2008 R2 Parallel Data Warehouse MPP architecture to create a massively scalable, easy-to-manage appliance that can grow from 48 to more than 500 terabytes of information, without impact to performance.

Based on HP Converged Infrastructure, the new solution is jointly pre-configured, tested and optimized with best practices from HP and Microsoft. It utilizes [HP ProLiant DL360 and DL380 G7 servers](#), as well as [HP StorageWorks MSA P2000](#) storage, to provide increased performance per compute node with fewer racks in less space.

The new data warehouse solution provides clients an improved method to store and access data as well as a replacement option for older, proprietary data warehouse appliances that have reached their capacity limits. With faster deployment and tight integration with the industry's most popular tools for analysis and data access, it solves complex requirements for strategic business decisions. It also improves data quality, enabling clients to meet stringent governance requirements.

Other benefits include:

- Reduced deployment time from months to weeks with an integrated solution that features familiar Microsoft software, HP industry standard technology and a complete range of consulting and mission critical support services
- Increased scalability and flexibility with the ability to modify the size of data stored from tens of terabytes to over 500 terabytes of information. The "shared nothing MPP" architecture eliminates performance bottlenecks by executing queries in parallel across 120 processing cores and by avoiding the need to share any resources.
- Improved management using common SQL tools that provide clients with a

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single view of data from across an organization

The HP Enterprise Data Warehouse is built on Microsoft SQL Server 2008 R2 Parallel Data Warehouse edition and is pre-integrated with HP ProLiant servers, HP StorageWorks and HP Networking technology. In tight collaboration with Microsoft, HP also provides global support services to ensure fast, accurate problem resolution.

The solution will be available starting in December 2010. Contact HP Sales or HP and Microsoft Frontline Partners for additional details.