

Corporate Database with Microsoft SQL Server 2000

Ensure a successful deployment and implementation of a scalable and affordable relational database solution.

Key Benefits

- Independently scale bandwidth and capacity to match needs, and budget, as you grow
- Eliminate costly, time consuming provisioning with user friendly performance-on-demand system
- Support large databases that exceed capacity of a single array and span multiple disk enclosures
- Leverages your IT infrastructure and skill base to reduce TCO
- Enhance system administrator productivity with single point of control and remote management

Key Features

- N-way performance scaling for greater backup bandwidth
- Active/active fail-over with automatic load balancing for greater throughput
- Multi-volume management for greater fan-in of client servers and greater data consolidation
- Single pool of storage and simple provisioning, greater accessibility
- Full data protection solution from disk failures to disaster recovery
- Synchronous and asynchronous replication, and point-in-time snapshots for data protection

The Business Challenge

Demand for structured data is booming. Most business applications (such as Financial, ERP and CRM) store records in database structures. And, special-purpose and custom applications in areas such as research and development are also generating large amounts of structured data. Today's compliance requirements (and resultant growth in data) impact application performance and storage costs. Records may have to be stored for several years to meet regulatory, legal and operational requirements for record retention and access. Storing this data strains the infrastructure, requiring more bandwidth and capacity, while trying to manage reducing budgets and increasing recovery times.

Demand for Storage Centralization, Reduce Capital and Operating Cost

Businesses with limited capacity to deliver on-demand data availability may deliver poorer customer experience. In turn, leading to lower margins and potentially even to losing customers. If competitive pressures require high data availability as a standard operating practice, the lagging business could be severely hurt. And compliance to regulatory requirements could make this situation much worse, mandating that large amounts of information be readily available. But maintaining the growing demand for data could be prohibitively expensive for a business trying to keep up.

Intrinsa® and Microsoft Provide the Solution

Microsoft® SQL Server is a comprehensive, integrated, end-to-end data solution that provides a secure, reliable platform for enterprise data and business intelligence applications. Creating, deploying, and managing enterprise data and analytical applications is faster and easier with an Intrinsa IP-based storage solution. Using the IntraStor® scalable architecture, enterprises can build affordable, highly available, and scalable solution to match the need.

Independently Scalable Capacity and Performance

Database volumes can quickly grow beyond their original bound. It is entirely possible that data requirements could exceed the capacity of a

storage array and span multiple disk enclosures. Priority data would need to be optimized for performance and less critical data optimized for capacity. This is where the N-way performance scalability feature (StorCluster) of StorControl® management application shines. Clustered controllers provide higher performance with automatic load-balancing and the ability to stripe across disks and disk enclosures. Plus, greater bandwidth enables greater server fan-in, supporting more servers and greater storage consolidation. Add only the controllers or disk enclosures the match your needs, and budget, as you grow.

Network-centric IP Infrastructure

Intrinsa simplifies, enables and unleashes the use of intelligent IP technology. Based on a common management framework with built-in investment protection, Intrinsa's solution leverages the cost and performance advantages of Ethernet and the universal, dynamic and intuitive aspect of IP networks. Our IP-to-the-disk feature enables scalable logical volumes such that a database is not enclosure bound and can span multiple disk enclosures. Different RAID policies can be supported in a single enclosure and optimized for performance or storage capacity. Management tools and resources (software and staffing) are familiar and based on common IP technology.

Common Management Framework

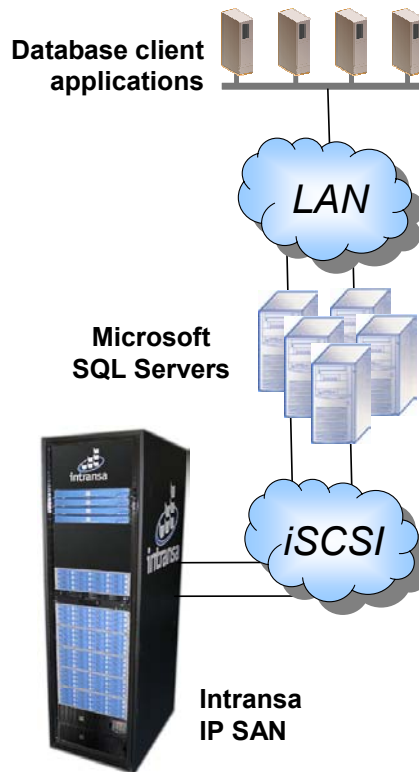
Corporate access to corporate data is fundamental. A common management framework enable centralized management and better control for backup and disaster recovery planning. Intrinsa StorControl supports management of a storage realm as a single environment, allowing for large virtual volumes to support large databases, higher performance volumes for more business critical applications. Storage provisioning is more easily done from a single pool of storage, and data protection enabled with synchronous replication (primarily local environments) or asynchronous replication (for remote backup and disaster planning). By leveraging your IT resources to more easily manage and deploy SQL Server on an Intrinsa IP SAN, you can support high performance database applications and manage to improve your total cost of ownership.





With the Intransa IP SAN solution, we are finally able to easily manage our growing storage resources and deliver high data availability.

- V. A. Khargonkar, IT
Larsen & Toubro Hazira



Intransa has tested and certified this solution as **Intransa® Ready**.

Microsoft Products
Microsoft SQL Server 2000

Intransa Products
IntraStor Platform
StorControl
StorCluster
StorSnap
StorAR

Microsoft Corporate Headquarters
One Microsoft Way
Redmond, WA 98052-6399
US: 1 800 MICROSOFT (1-800-642-7676)

About Microsoft Corporation

Founded in 1975, Microsoft (Nasdaq "MSFT") is the worldwide leader in software, services and solutions that help people and businesses realize their full potential.

Intransa, Inc.
2870 Zanker Road, Suite 200
San Jose, CA 95134
Phone: 866 466 8726
Fax: 408 678 8800

About Intransa, Inc.

Intransa is an innovator of enterprise class, intelligent IP storage solutions to form a storage grid that radically reduces the complexity of deploying scalable network storage. Based on advanced technology that leverages the cost and performance advantage of Ethernet and the ubiquity of IP networks, Intransa's products are enabling a new generation of information storage, delivery, and management over IP networks. By making network storage easy, dynamic, and intuitive, Intransa enables businesses to focus their resources, reduce costs, and achieve their business objectives. For more information, please visit www.intransa.com.

