)Xiotech®

Xiotech's Storage Monitor
Automation, Reporting, and Monitoring for Your Data Center

Storage Monitor Benefits

Storage Monitor helps you:

- Turn data growth into business advantage

- Effectively plan capacity

- Optimize performance

- Maximize data availability

- Track data movement

- Maximize your return on IT investments

Are you spending too much time and money managing your data? Do you want to turn data growth into business advantage? Xiotech's Storage Monitor can help give you a clear understanding of your growing data, and how it's being managed and protected. Storage Monitor is a modular, end-to-end automation, reporting, and monitoring solution that looks deep into your servers, applications, and even your backup operations—helping you identify problems *before* they happen and allowing you to plan for growth.

Information Management: A Growing Problem

Managing your organization's critical data can certainly be a challenge. You need to answer a number of questions to ensure the safety and accessibility of this vital business resource. These questions might include:

- How do you ensure that data is always available to your applications?
- How do you get the most out of the investments you have made?
- How do you predict growth and the next investments that you need to make?
- How do you ensure that small issues do not become big problems or even application outages?
- Where is the data coming from and where is it going?
- How long have you had this data?

Answering these questions can be difficult, especially when your data keeps growing... and growing. It grows as your business adds customers, products, and services. It grows through business acquisitions. It grows with every new application you deploy. When you deploy a business application, for instance, you need to provision storage for the server, the application itself, and the data the application generates. You also need storage for the backups that protect that application's data. It all adds up.

And your data does not sit still. It is pumped through your storage network to your servers, which pull and push the data through various networks to your applications. It is reviewed and updated—often by myriad end users. Eventually, the data is returned back to its original storage for safe keeping. But not for long. It needs to be backed up so loss of any part of it does not harm your business. The backup process introduces another set of applications, servers, and networks through which the data flows.

To ensure your business information flows efficiently throughout the data center and across your organization, you need to monitor *all* the systems that touch it—not just the storage device(s) on which it lives.

Strategic Response to Data Management

Xiotech's Storage Monitor helps answer your information management questions and allows you to turn data growth into business advantage.
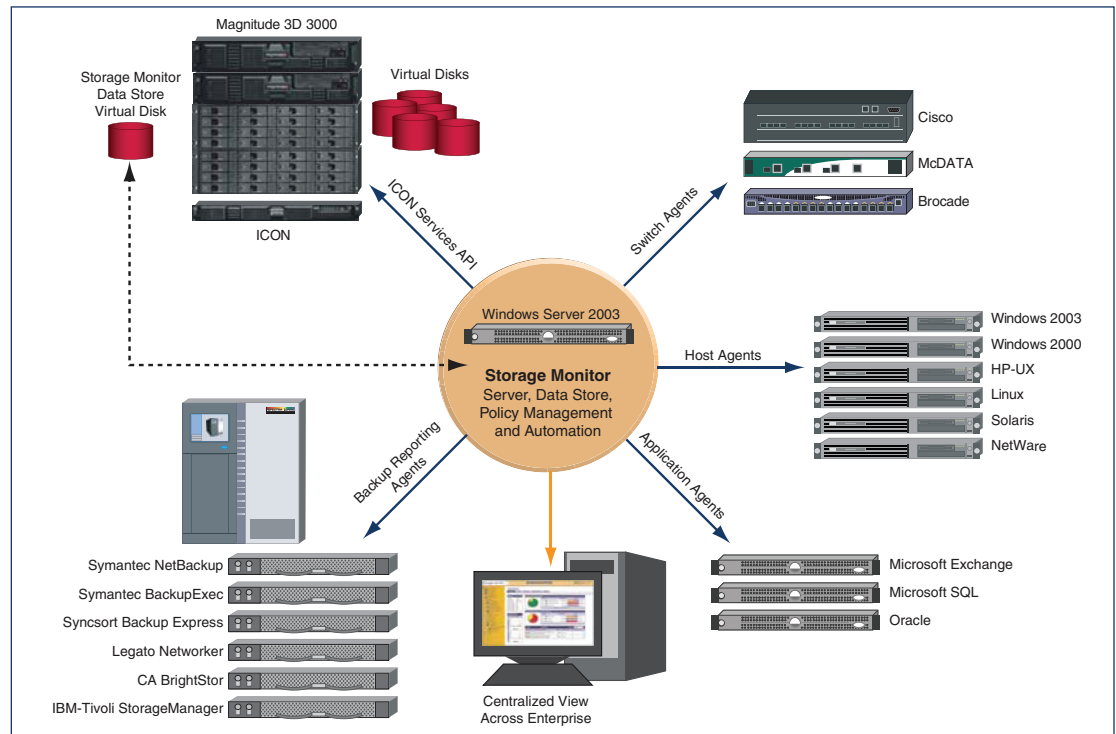
Storage Monitor presents a centralized view of your data operations, including applications, operating systems, backup operations, Magnitude 3D® and Magnitude® storage systems, storage networks, and backup applications. It offers executive-level views for strategic business planning, while providing drill-down options for those who need to keep the data center running.

From an intuitive Web browser, you can easily manage the health of your business applications around the clock and around the world. Based on business rules, you can automatically manage changes to avoid critical outages. Through trend analysis and exception reporting, you can ensure application availability and increase your overall operational efficiency.

Storage Monitor is a modular solution, so you buy just the pieces you need as you need them. Out of the box, Storage Monitor server includes monitoring support for a Magnitude or Magnitude 3D system and Fibre Channel switch, as well as a server agent for a supported client operating system. Additional modules provide information on Fibre Channel switches, servers, backup software, databases, and

non-Xiotech storage. You can implement as few or as many modules as you require; each easily integrates into the Storage Monitor platform.

The Magnitude/Magnitude 3D module performs asset management, alerting and notification, performance management, capacity planning, and real-time and historical forecasting/trending. Server agents provide disk, volume, CPU, and memory usage to Storage Monitor for real-time analysis, trending, and alerting to help you avoid downtime events today and plan for tomorrow. Server agents also include data classification capabilities for information lifecycle management (ILM) and policy-driven automation.

Storage Monitor provides a single view across all backup operations—even if disparate, reports success or failure, and provides a method for storing backup reporting for audit and compliance purposes.

Storage Monitor Specifications

Server Requirements	Microsoft® Windows® Server 2000, 2003 512MB of RAM	
Client Operating System Support	Microsoft Windows Red Hat® Enterprise Linux® HP-UX Sun™ Solaris™	Novell® NetWare® SUSE® LINUX IBM® AIX®
Storage Support	Xiotech Magnitude 3D 3000, Magnitude 3D 1000, Magnitude	
Application and Database Support	Microsoft Exchange Server Oracle® Database	Microsoft SQL Server
Backup Support	CA BrightStor® Enterprise Legato Networker Symantec® Backup Exec™ Syncsort® BackupExpress®	CA BrightStor ARCserve® IBM Tivoli® Storage Manager Symantec® NetBackup

Specifications subject to change without notice.

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