



Easy to Use, Scalable Data Protection for SGI InfiniteStorage Data Migration Facility

Atempo Time Navigator for SGI InfiniteStorage Data Migration Facility (DMF) is an ideal solution for archiving large, data-intensive SGI DMF environments, providing best-in-class, high performance, scalable and reliable enterprise data protection. InfiniteStorage Data Migration Facility, SGI's premier Data Lifecycle Management tool, transparently migrates files from online storage to near-line storage based on user-defined criteria such as time of fast access. All data is transparently recalled to primary storage when accessed, so users never need to know where the data resides. Atempo Time Navigator provides a non-intrusive solution to solve the challenges of implementing backup and archival policies on a migrated environment. Because Atempo Time Navigator is DMF-aware, users can define the appropriate backup or archive policies for both migrated and non-migrated data. By integrating advanced security techniques, such as encryption, digital signatures and hierarchical key management, Atempo Time Navigator provides uniquely secure backup and non-repudiated long-term archives for your data. Finally, users can match their storage protection and security to the value of their information.

Why Choose Atempo Time Navigator?

No Backup Impact to the DMF Environment

The main challenge in backup of a DMF environment is to run the backup without triggering a large-scale data migration. Because Atempo Time Navigator has been integrated with DMF, users can set up backup policies that take into account the DMF file status, allowing full backup or incremental backup without migrating data back. Backups can run without any impact on the DMF system.

Secure Data Retention

The integrated archival capabilities of Atempo Time Navigator offer the ability to select and archive targeted files from the DMF. Selected data can be migrated and written on another media for long-term retention.

Fast and Easy Restore

Atempo Time Navigator enables Time Navigation, an image-based method for browsing, selecting and restoring data. Files are restored quickly and easily when needed, without disruption to high volume DMF operations.

Backup Consolidation for Enhanced ROI

By consolidating the DMF backup with the enterprise backup solution, you will be able to use existing tape libraries and reduce the time and resources needed for backup administration. Atempo Time Navigator coupled with SGI storage solutions will arm users with the tools they need to implement a Data Lifecycle Management (DLM) strategy while cutting costs and maximizing resources.

Cross Platform Support for Reduced TCO

Atempo Time Navigator provides comprehensive data protection software for Unix, Linux, Windows and Mac OS. Designed for SGI platforms, it delivers full backup and restore capabilities for SGI® Altix ProPack™4 for Linux® on Intel® Itanium® 2 processors.

Data Protection Scalability for Today and Tomorrow

As one of the most scalable solutions on the market, Atempo Time Navigator is capable of protecting very large DMF environments with multiple terabytes of data.

Features and Benefits

Reliable Protection of a DMF Environment

Atempo Time Navigator uses the DMF file status (REG, DUL, OFL, MIG, UNM) through the BAPI API to backup either the entire data or only nodes. Incremental backup is based on DMF file status. Thus, all data including migrated data is protected and the DMF system is not impacted.

Easy Archiving of Data Already Migrated in DMF for Long Term Retention

Atempo Time Navigator reads full data, even if offline, in order to archive the copy onto another media. This authorizes end-users to build archives of migrated data with no impact to the DMF system.

Restarting After Loss of a Primary Disk

Atempo Time Navigator performs full and incremental backup of resident files and only inodes from migrated files. It allows recovery of the full disk at resynchronization with DMF, affording disaster recovery protection for the primary disk.

Protecting Migrated Data from loss of Secondary Storage

Atempo Time Navigator for SGI DMF performs DMF-aware incremental backup on the primary disks for capturing copies of the data before it goes to the secondary storage device, ensuring more comprehensive data protection.

Restoration of Single Files or File Sets Without Breaking DMF Consistency

All files are restored with DMF attributes, guaranteeing zero end-user impact on the DMF system.

Supported Configurations

Atempo Time Navigator Version

- Atempo Time Navigator Enterprise Edition version 4.0 and higher

Atempo Time Navigator Server Platform

- SGI Altix
- AIX
- IRIX
- Solaris
- Tru64
- HP-UX
- Linux
- Windows
- Mac OS X

DMF Platform

- SGI Altix ProPack 4

File System

- XFS
- CXFS



About Atempo

Atempo enables organizations to protect, manage, archive, and recover digital information simply and effectively, across any infrastructure, on any platform, over any period of time. Atempo provides a comprehensive portfolio of integrated software solutions, including backup and recovery of servers, continuous data protection of workstations and laptops, and long-term archiving of files and email messages. Atempo simplifies the management of data throughout its entire lifecycle by providing unprecedented visibility and control over data growth, infrastructure cost, and risk mitigation. Atempo serves thousands of customers around the world through a sales and support network of over 200 resellers and partners.

Learn more at www.atempo.com



About SGI

SGI is a leader in high-performance computing. SGI delivers a complete range of high-performance server, storage and visualization solutions along with industry-leading professional services and support that enable its customers to overcome the challenges of complex data-intensive workflows and accelerate breakthrough discoveries, innovation and information transformation. With offices worldwide, the company is headquartered in Sunnyvale, California, and can be found on the Web at www.sgi.com