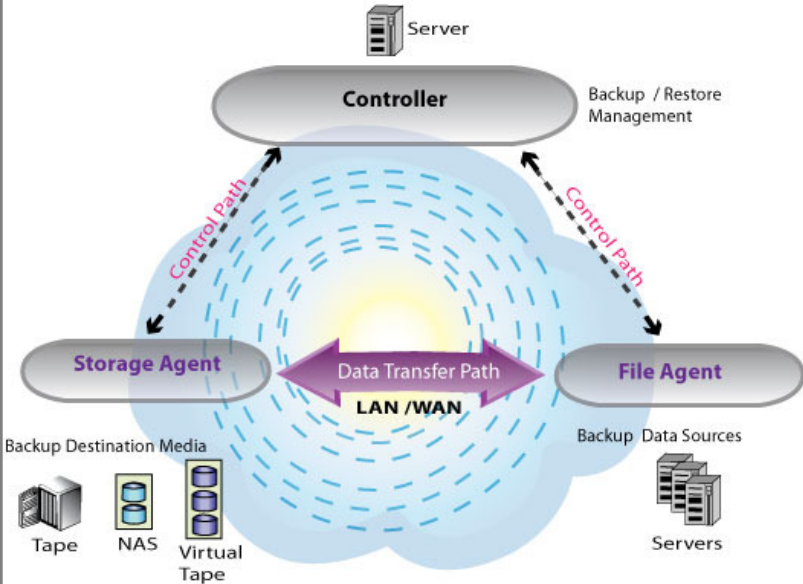♦ **Maximum scalability** from small business / departmental environments to the largest enterprise datacenters, resulting in investment protection and simplified installation, training and support

♦ **Rapidly restore** individual files, email and database objects quickly and easily

♦ **Recover data to alternate systems and location** to enable test, staging and disaster recovery

♦ **Super fast backup and recovery** with 3Gen proprietary multiplexing up to 32 different data streams

♦ **Secure management** of critical backup data with authentication and encryption

♦ **Storage Life Cycle Policy capability** allows Service Level Agreement (SLA) commitment to be met and managed automatically.

♦ **By including Disk-Based Data Protection** in addition to traditional tape and optical disk, 3GenBackup delivers the ultimate in flexibility, cost efficiency and system performance improvement

♦ **Library and device sharing** among all backup clients to achieve best cost-efficiencies

♦ **Centralized management** improves efficiencies by managing all data protection technologies and multiple backup clients from one location

♦ **Web browser-based management** allows data management from virtually any location around the world

Centralized Data Management with virtually unlimited scalability

Benefit from a flexible, three-tiered architecture that scales with the needs of today's growing data center. 3GenBackup provides a unified data protection solution that provides desktop, remote office and data center protection across the entire enterprise. Service level agreement (SLA) commitments can be met by using storage lifecycle policies to create storage tiers and automatically move the backup data through its lifecycle. To help ensure data is secure before it is taken offsite for long-term storage, 3GenBackup offers a wide variety of authorization and access controls as well as encryption options.

Simplicity, Security and Speed

Advanced indexing, high speed parallelism, automated media management, LAN-free backup, cluster awareness, and dynamic tape drive sharing fully protect your business applications in the event of user error, data loss, system outage, or catastrophic event.   Advanced VTL and Disk Backup, staged from disk, and automatically moved to tape – all with storage lifecycle policies with single step recovery.   While tape continues to be a key part of backup and recovery operations, disk has become the technology of choice to achieve better recovery points to optimize replication for fast disaster recovery. 3GenBackup enhances disk-based data protection by unlocking the full potential of disk to make backup and recovery faster, more reliable, and more secure.

Increased Productivity

3GenBackup software makes it easy for you to browse and find data, select as little or as much as is needed, and then recover quickly and efficiently. You do not have to start by finding the tape or scanning jobs. 3GenBackup software tracks the data location to let you focus on managing your business. 3GenBackup is application-aware and self-managing, making double-checking backup copies unnecessary. Point-and-click interface saves time and ensures that jobs complete safely and securely.

Real-time centralized management of global data protection operations

3GenBackup management center provides advanced, easy-to-use Web-based graphic user interface (GUI) that provides administrators with real operational monitoring, management, trouble shooting and alerting across multiple 3GenBackup domains.

Key Features and Benefits

Features	Benefits
Easy, fast recovery of file systems, SQL database and Exchange emails using object-level recovery	Fast data recovery and business resumption. No need to recover an entire Exchange database – which would take days – when all you need is a single data object -which restores in minutes
Single Pass Restore volume level recovery	Unlike the other backup software currently available, 3Gen Backup speeds recovery and reduces tape wearing by restoring all data using a single pass through the tape without needing to recover multiple versions of the same file. Same capability works on disk to offer faster restore
Distributed index	Ensures high speed performance for index look-ups. Double-commit store of index ensures recoverability, and eliminates the need for administrative management of the index
Full, incremental, and differential backup options	Enable most efficient data protection possible, and with appropriate use of storage media to ensure rapid recovery
Multi-streaming and multi-plexing	When managing many small files or writing to fast performing drives, these capabilities offer improved performance and efficiencies to perform backups more quickly and fit into smaller scheduling windows.
Shared Drive Management	Ability to append data and fill removable media such as tape. Eliminates cost associated from unfilled when rotated off-site.
Removes duplicate files from backup and archive copies	Finds and removes duplicate files automatically to reduce the amount of physical disk space required to store the same amount of logical data
Compression and Encryption	Combines deduplication with data compression and encryption to further collapse and secure data as it is sent on networks and written to disk

Supported Operating Systems and Applications

Linux	Yes
Windows XP and higher	Yes
HP/UX	Yes
IBM AIX	Yes
Sun Solaris	Yes
Apple Mac X	Yes
Exchange	Yes
SQL	Yes

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