ULTRABAC

UltraBac is the culmination of almost 15 years of dedicated backup and disaster recovery product experience. The software has been specifically developed for the latest Windows operating systems, while expanding support for heterogeneous network environments for a variety of clients. UltraBac is scalable from small to large users and caters to a wide array of diverse business computing environments. Our commitment to providing the best in backup and disaster recovery has earned us the reputation for producing reliable, fast, and innovative software containing many first to market features.

Active Cluster Server Backup
UltraBac can back up and restore an ACTIVE Windows cluster. This capability has been proven at Microsoft's Redmond Campus test facility. Cluster failover support is also provided on the backup set level. UltraBac automatically restarts the backup if failover occurs during this process.

Auto Update
UltraBac upgrade deployments are a snap with UltraBac's Auto Update. This functionality allows customers to easily deploy updates to hundreds of servers and workstations with minimal user interaction.

Barcode Media Pools
Simply add a selection of tapes to a media pool and UltraBac will take care of the rest. It is no longer necessary to specify autoloader slots when scheduling backup jobs. Additional benefits of using media pools include space savings on tape, automatic inventory of bar codes, lower-level administration, and more in-depth logging information. Automated cleaning options for tape libraries are now available.

Client Side Compression
UltraBac integrates client side compression, allowing network backups to run up to one third faster. This standard feature automatically compresses backup files on remote servers and workstations before they are transferred across the network to the centralized backup machine. Client side compression increases backup speed while decreasing the use of network bandwidth.

Command Line Option
UltraBac allows for both GUI-based and command line backups for maximum flexibility in both backups & restores on local and remote hosts. Organizations with minimal technical abilities can directly integrate backup into their processes, based on their own requirements. Most GUI interface functions are also available at command line level, so batch files may be used to automate UltraBac commands if the user prefers. Improvements have been made in many areas including searching media, viewing volume information, preparing media, and ejecting media.

Database Indexing
The database indexing option provides a centralized location to search for a particular file that was backed up. This allows users to search for files and/or file masks, and returns all results from available media in seconds. Simply choose the file to restore, load the index, click restore, and if an autoloader is being used it will load the correct tape and do the restore automatically. This feature will save users valuable time during the restore process. It will even return several different versions of the same file so users can choose the file they wish to restore.

Differential Image Backup
Differential image backups take a full image snapshot then, when subsequent differential images are performed, UltraBac will only back up the sectors that have been modified since the last full image backup, saving space on storage devices. For example, a network administrator could schedule a full image backup once a week on Sunday and only back up the changed sectors Monday through Saturday, allowing him/her to have full image restore capability (down to the day) with little more than a single full image backup stored.

Disk-to-Disk Backup
UltraBac can back up data to any removable media on a network. Disk-to-disk backups are compressed, reducing disk storage requirements and making them VERY FAST. Disk-to-disk incremental backups scheduled at intervals throughout the day can prevent loss of a day's work if a disk crash or other data loss occurs between nightly backups.   Supports up to 1500 backup path devices.

Encryption

UltraBac provides administrators an optional encryption function that when applied, securely protects sensitive customer information and confidential company data. The Federal Government's Gramm-Leach-Bliley Act specifies organizations that are required by privacy laws to fully protect sensitive information. The act affects "any institution the business of which is engaging in activities that are financial in nature, or incidental to such financial activities." This includes national banks, federally chartered thrifts, FDIC depositories, insurance companies and agencies, securities firms, and other companies that offer financial products and/or services. To help its commercial and government customers comply with this act, UltraBac provides AES (Advanced Encryption Standard) Encryption. The AES algorithm is capable of using cryptographic keys of 128, 192, and 256 bits to encrypt and decrypt data in blocks of 128 bits. It is configured globally on the device level providing fully compliant data security. As a built-in feature of the software, UltraBac's AES functionality easily allows administrators to set the appropriate level of encryption protection as needed. This feature provides users powerful data security at no extra charge.

Exchange Agent

UltraBac's Exchange Agent is capable of running local and remote backups of live databases without shutting them down. This minimizes downtime for an Exchange mail server, essential for any enterprise backup scheme. The Exchange Agent uses the Exchange API for fast backup speeds and absolute minimum downtime during restoration. Allows SMTP email notification and single mailbox recovery. Supports Exchange 5.5, 2000, 2003, and 2007 backups.

Express Index™

UltraBac's Express Index™ tremendously improves restore times on DLT and QIC multi-track technology tape drives by pinpointing the exact location of a file on tape. This completely eliminates the need to go back and forth searching for a particular file. Testing has conclusively proven that Express Index™ can reduce restore times on these types of backup devices from hours to minutes.

FTP and Secure FTP Device

The UltraBac FTP Device provides UltraBac with the ability to direct backups to any FTP server compliant with the RFC 959 specification. This makes configuring an offsite backup location extremely easy. An FTP server with sufficient storage (even non-Windows hosts) is all you need. The requirements to configure UltraBac's FTP Device capability are very minimal: an address to a live FTP server, a valid login, and a server-interpreted path specifying where the data should be stored. The FTP Device is integrated seamlessly with UltraBac's Device Manager, thereby allowing the use of heterogeneous storage devices as backup media. In addition, Secure FTP (SFTP) provides better protection of user information. SFTP is supported so that all information transferred over the internet to the FTP device is encrypted, rather than just the backup sets themselves.

Locked File Backup Agent

Allows backup of locked exclusive files or a file to which Windows can not gain access while open, such as WINS database and local PST files. When UltraBac uses Locked File Backup, it temporarily "freezes" the partition and backs up all the data on the drive whether or not the data is locked by another application. Users can access the temporarily "frozen" partition while it is being backed up. Locked File Backup is now even more efficient in CPU and memory usage, and gives users the ability to do differential image backups as well.

Management Console NEW in Q2

UltraBac introduces a brand new user interface (UI) based on a tabular format similar to Microsoft's Office 2007. With visual and organizational improvements to almost every facet of the UI, UltraBac is now more intuitive and easier to use than ever.

Native 64-bit Platform Support

The same version of UltraBac available on 32-bit x86 platforms is now available on Itanium and AMD64 platforms. UltraBac can back up between platforms, and even remotely manage different platforms as well.

NetWare Agent

UltraBac's NetWare Agent backs up remote NetWare machines. Versions of NetWare supported are 4.11 and greater. Supports SPX/IPX and TCP/IP protocols.

Oracle Agent

UltraBac's Oracle Agent can run remote or local backups of any Oracle server on the network. The entire agent code has been modified to use the Oracle "Net8" network technology. This gives system administrators the tools they need to easily back up Oracle databases, which often run mission-critical tasks.

Remote Administration
UltraBac can connect to any other UltraBac console using the "Connect To" feature. The "Connect To" feature can be used to create sets on other UltraBac servers, view backup jobs interactively, edit sets or scheduled backup jobs, add new storage devices, and perform other administrative tasks.

Remote Installer
UltraBac's Remote Installer centralizes the task of installing or updating the UltraBac application. Administrators simply double click on one setup.exe file to distribute and install the software to chosen servers and workstations on the network. MSI is no longer required for installation so users are able to set up or update as many remote locations as desired without manually installing the software on each machine. For example, an administrator from a remote centralized machine could automate the installation of 10 machines in approximately three minutes.

Remote/Local Server Agent
Gives users the ability to push information from one server to another. The Remote/Local Server Agent compresses the data on the local computer before transferring it across the network, thus increasing backup speed significantly. Another feature of the agent is capturing the System State or Active Directory (for domain controllers) on a local or remote Windows machine. This feature is absolutely essential for disaster recovery on domain controllers. Without an Active Directory backup, it would be impossible to rebuild a crashed domain controller back to its original state. Now this critical task can even be achieved from a remote backup server.

Scheduler IMPROVED in Q2
UltraBac's Scheduler has a flexible filter to define one-time, daily, weekly, and yearly scheduled backups. It has granularity equal to or better than a CRON-based scheduler. The scheduler interface is easily maneuverable and contains useful features like e-mail notification, batch file execution, autoloader support, storage media failover, and error checking options. The scheduler also contains an easy-to-use wizard to guide the user, step-by-step, in the creation of a scheduled backup. The graphical user interface has been enhanced with increased scheduling views, streamlined toolbars, and log file handling. It also provides the ability to schedule UltraCopy jobs directly from the scheduler pane.

SharePoint Server Agent IMPROVED in Q2
UltraBac's SharePoint Server Agent enables organizations running SharePoint to incorporate seamless backup and recovery within multiple layers of collaborative data. The agent's approach is reflective of the architecture in SharePoint itself by allowing multiple copies and versioning of files, and public sharing of files in an organized manner. Supports SharePoint 2003 and 2007 backups.

Single File Restore from Image Backups
Single File Restore (SFR) capability provides backup administrators the ability to restore single files from an image backup when the SFR option is enabled. Single files are restored using UltraBac's standard GUI. Image backups can be saved to any UNC path or tape device.

Single Mailbox Backup
Using UltraBac's Single Mailbox Backup, mailboxes can be backed up on an individual level. Each top-level object seen through Microsoft Outlook® (with the exception of PST files) can be selected and backed up using this feature. In addition to full Exchange server backups using the UltraBac Exchange Agent, this integrated feature provides more fault tolerance, particularly for mission-critical mailboxes. If a mailbox or an object within a mailbox is accidentally deleted through Microsoft Outlook, it may be restored one of two ways — the user can either overwrite the current contents of the Mailbox or temporarily mount the mailbox to a PST file and copy the missing contents from the PST folder to its original location.

SQL Server Agent IMPROVED in Q2
UltraBac's SQL Server Agent allows backup of an open Microsoft® SQL Server database without shutting down the database service beforehand. The SQL Server Agent uses Microsoft APIs to run the backup and restore, thereby insuring speed and reliability of the backup. UltraBac can restore a database to its original location or move it from one SQL server to another. Supports SQL Server 2008, 2005, 2000, and 5.5.

Storage Device Manager
This feature allows the backup administrator to use a remote tape drive on the network as a storage device. Remote autoloader administration can also be accomplished. The Storage Device Manager facilitates centralized backup storage, which can be a much more efficient and organized solution, especially helpful when recovery is needed "on the fly." Supports all remote tape devices.

Tivoli Storage Manager Device
UltraBac Tivoli Storage Manager Device allows UltraBac to write data to a Tivoli Storage Manager server. UltraBac manages the administration of the backup and restore processes, while Tivoli manages the media that these backups are written to. The device is built atop the Tivoli Storage Manager API for a robust interface with the Tivoli Storage Manager architecture, and has been qualified for TSM API levels 4.2 and above. Requires UltraBac Single Server License.

UltraCopy
This very convenient utility is designed to allow duplicate tape copying between tape drives; the ability to duplicate a disk backup to tape; and take multiple disk backups, copy, and consolidate them in their native UltraBac format to tape with built-in media spanning capability. It can also send all backups to disk, while setting up a job to run UltraCopy. This innovative tool then duplicates the backups to tape for offsite storage. This utility, like UltraBac itself, has command line functionality so users can script this process to occur whenever they like. UltraCopy also features library / media pool support, device support verification, and speed enhancements when restoring from UltraCopy.

UNIX Agent
UltraBac's Unix Agent offers remote back up capabilities for Linux, HP-UX, Sun Solaris, Sun Intel, FreeBSD, and Mac OSX. UltraBac now provides much faster enumeration times for all platforms.

VCB Agent NEW in Q2
UltraBac's VCB Agent enables organizations running VMware Consolidated Backup to perform centralized FullVM (image) or FileVM (file-by-file) backups. Utilizing VMware's snapshot technology, both file-by-file and image backups ensure that the system is backed up in a clean state. Users have the ability to pick and choose which virtual machines (VMs) to image while performing a FullVM, and/or what files and folders to back up while performing a FileVM. FileVM backups can be restored back to the original or an alternate location. Options for both types of backups include backing up all VMs, only powered on VMs, all powered-off VMs, by VM name, by IP address, by MoRef, and by UUID.

Volume Shadow Copy Service
UltraBac provides an option for file-by-file backup customers to use Microsoft's Volume Shadow Copy Service (VSS) to safely freeze open files for backup, in lieu of the proprietary UltraBac Locked File Backup Agent. VSS is a user selectable option for file-by-file, as well as image backups, on both 32 and 64-bit machines.