Backup & Disaster Recovery

ULTRABAC
SOFTWARE

UltraBac Software has earned a reputation for providing reliable, fast, and innovative backup & disaster recovery software to organizations of all sizes. The company has been in continuous operation for over 30 years, with well over 20,000 dedicated customers spanning every type of industry and computer user worldwide. Specializing in backup & disaster recovery software since 1989, UltraBac for Windows® was released in 1995. The company prides itself on extraordinary customer service from its responsive, locally-based technical support team.

Backup and Disaster Recovery - *Base Products*

ULTRABAC

File-by-file backup is the basic standard for data protection, but there is nothing basic about UltraBac. The software has been specifically developed for the latest Windows operating systems and supports all network types in use by clients worldwide. Programmed in C and C++, the code is extremely compact (no code bloat) compared to competitive products. 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. Assisting customers with their data protection is our priority – compare our average 3 minute technical support hold time with what you've got now!

UBDR GOLD

UBDR Gold has been carefully designed to provide the utmost in server and workstation protection by minimizing excessive and costly downtime that usually accompanies a failed computer system. If and when an unbootable condition does occur, UBDR Gold can return the average machine to fully operational status in 15 minutes or less. Perform true dissimilar hardware restores with UBDR Gold's physical-to-physical (P2P) disaster recovery feature. This means, for example, if an HP server fails, a backed up OS image can be restored to a Dell server and successfully booted. Physical-to-virtual (P2V) based disaster recoveries allow organizations to migrate key servers to Hyper-V or VMware virtual machines in minutes. Gold also supports virtual-to-virtual (V2V) and virtual-to-physical (V2P) recoveries, providing users with every available virtual disaster recovery option. UBDR Gold can also be 100 percent scripted for both backups and restores. This means remote sites can be fully recovered automatically without any local administration. Unbootable servers can be quickly restored and brought back online in a seamless and completely automatic process.

ULTRABAC ULTIMATE BUNDLE

The UltraBac Ultimate Bundle provides the best all around protection for your business server. The product combines UltraBac's file-by-file backups and UBDR Gold's image-based backup & disaster recovery, providing granular filed-by-file backup with bare metal restores (BMR). Plus, users have the ability to perform dissimilar hardware restores and fast virtual migrations.

ULTRACOPY

UltraCopy provides businesses with the ability to copy backups from, and to, any supported device. Using UltraCopy, a user can perform disk-to-cloud, disk-to-tape, disk-to-FTP, and disk-to-disk operations for secondary backups moved offsite. No dedicated hardware devices are necessary. UltraCopy also allows tape media conversions (ex. from DLT to LTO). It can copy multiple disk backups and concatenate them in their native UltraBac format to any supported device (like tape) with built-in media spanning. When multiple disk backups are copied to tape, the process creates a new index on the media, which allows direct one step restore functionality. UltraCopy can be scheduled, scripted, or run from the command line, making it easy to set up an ongoing method to create secondary, offsite backups.

Virtual Backup

ULTRABAC HYPER-V AGENT

The UltraBac Hyper-V Agent is the only agentless backup product on the market with the ability to choose the target disk format (VHD or VHDX). The software defaults to the setting "Keep Original Source Disk Format," however, users have the option to choose VHD or VHDX format. This also means the Hyper-V Agent can perform two-way conversions. A user can back up in VHD disk format and restore in VHDX format, and vice-versa. Users even have the option to switch between thick (fixed size) and thin (dynamically expanding) disk types on the fly during restore. No extra time is needed during the restore process to perform these different types of conversions. Unlike competitive products where a user must perform a restore, as well as a conversion, the Hyper-V Agent does the conversion for you during the restore process – no other steps are required.

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Virtual Backup - *continued*

VIRTUAL DISK AGENT and VIRTUAL DISK UTILITY

The Virtual Disk Agent is available as an integrated option with UBDR Gold, or can be purchased as a stand-alone utility. Both are identical in functionality and can create either a VMware VMDK or a Microsoft VHD file during scheduled or ad hoc backups. When used as an agent with UBDR Gold, the software can also concurrently create an image backup. When performing incremental and differential backups, only changed blocks are copied and updated in the corresponding VMDK/VHD file. This means that every backup either creates or updates a virtual machine that can be powered on as a failover server in less than 3 minutes! A unique feature of this product is that incremental and differential backups automatically update the base VMDK/VHD directly inside the datastore with only the changed blocks from the last backup. Should a disaster strike, all an administrator would need to do is configure and power on the VM to enable a physical-to-virtual failover.

vSPHERE AGENT

The vSphere Agent performs host based, one pass file/folder, and entire virtual machine backups without any software being installed. Incremental and differential backups use Changed Block Tracking (CBT) for efficiency as well as minimal processing and update time. The backup of non-Windows VMs (e.g. Linux) is supported, as well as vCenter and vMotion. One pass backup allows recovery of individual files and folders, or an entire VM. For larger end users, a utility allows an automated process to assign & failover backed up VMs to a disaster recovery site.

Backup and Disaster Recovery - *Agents & Options*

ULTRABAC EXCHANGE AGENT

The UltraBac Exchange Agent allows local & remote backups of live, operational databases without shutdown. Granular message and mailbox recovery is provided through PowerControls. The agent uses Microsoft Exchange APIs for fast and reliable, full & incremental database dumps. Protects Exchange 2013, 2010, and 2007 with VSS support, as well as Exchange 2003, 2000, and 5.5. Also provides SMTP email notification.

FTP DEVICE

The FTP Device provides the ability to perform direct backups to any FTP or SFTP server compliant with the RFC 959 specification, making offsite backups easy to set up. The requirements to configure a FTP Device are minimal: the server address, a login, and a server-interpreted path specifying where the data should be stored.

ULTRABAC SQL AGENT

The UltraBac SQL Agent allows local and remote backups of live, operational databases without shut down. The agent uses Microsoft SQL APIs for fast and reliable, full & incremental database dumps. Provides recovery of a database to its original location or restoration to a new location, and SMTP email notification.

TSM DEVICE

The TSM (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. UltraBac's TSM Device allows customers to combine enterprise-level media management facilities with the file and image backup capabilities of UltraBac.

CLOUD DEVICE

The UltraBac Cloud Device supports Amazon S3, Microsoft Azure, Google Cloud, Rackspace, and OpenStack. Once activated, an end-user can create an account with any major cloud provider.

DEDUPLICATION

UltraBac supports client-side deduplication on both the file-by-file and image backup level. Deduplication can be entirely local, fully cloud based, or a combination of local & cloud for a hybrid solution. A full cloud implementation provides global deduplication.

Linux Backup

ULTRABAC UX (FILE) AGENT

The UltraBac Ux Agent provides file-level data protection for a Linux* server. Administrators can schedule (or run ad hoc) UI-based file-by-file backups on active machines using any combination of full, incremental, and differential strategies with any supported UltraBac device as a backup target. Point-in-time restores are automatically initiated from any selected incremental or differential backup. Backups are managed from Windows, which also provides a centralized reporting and activity management console.

ULTRABAC UX IMAGE AGENT

The UltraBac Ux Image Agent provides block-level data protection for a Linux* server with bare metal disaster recovery functionality. Schedule (or run ad hoc) UI-based image backups on active machines using any combination of full, incremental, and differential strategies with any supported UltraBac device as a backup target. Point-in-time restores are automatically initiated from any selected incremental or differential backup. Backups are managed from Windows through a centralized reporting and activity management console.

*openSUSE, Red Hat, SLES, CentOS