

EnterpriseBACKUP

OpenVMS centric cross platform
backup and media management



ISE Product Overview

With so much crucial data generated and stored electronically in today's IT environment, complete data protection is absolutely necessary. Using EnterpriseBACKUP, companies are assured that every critical piece of data and backup media is accounted for. More importantly, when IT needs to restore a file or perform a full disaster recovery, EnterpriseBACKUP automates the process and tells operators exactly what data is stored where. Devices can be accessed across the network and backups distributed across the data center for the most efficient performance.

EnterpriseBackup's Media Librarian lets you manage removable media in an organized library that tracks everything from media location to off-line file contents. Procedures can be automated that ship and retrieve removable media from offsite areas. Removable media is clearly identified (DLT, DAT, CD, etc) including what drive and system it can be used on. Central management means you can manage all your tapes, cartridges, disks and CD's from a central locale and always know where to find them.

Built for today's enterprises

Massive amounts of critical data require secure storage and retrieval, making the ability to archive and retrieve information of the highest importance. Moreover, with the growth of enterprise systems, IT managers must now be able to maintain a centralized and uniform backup strategy across such heterogeneous platforms as OpenVMS, UNIX and Windows NT/2000/XP. EnterpriseBACKUP fulfills all these needs with an enterprise-wide software system for backing up and retrieving data and managing removable media.

EnterpriseBACKUP makes performing backups and restores across a heterogeneous network nearly effortless. Remote systems can be backed up onto the removable media on a central OpenVMS machine. Likewise, you can manage the backup of the remote system from a central OpenVMS machine utilizing the remote systems own removable drives. Either way, maintaining constant insight into the contents of all your removable disks is a breeze using the central online Media database.

EnterpriseBACKUP comes equipped with a menu/forms interface for both DECwindows and VT terminals. As with all ISE products, a full DCL command line interface is available to perform any task.

Need to know whom a tape belongs to?

EnterpriseBACKUP maintains user data for every medium.

Need information on whether a removable disk is in use or available?

EnterpriseBACKUP maintains a simple pool system to classify media, telling you exactly what's available.

EnterpriseBACKUP Key Benefits
Accommodates remotely or locally controlled backups that are centrally managed
Includes 28 standard backup modes that can be customized as needed.
Provides three types of restores that can be selected from the GUI or via a DCL command.
Integrates fully with EnterpriseSCHEDULE from ISE, allowing more versatile scheduling of backups.
Fully supports incremental and full backups of local and remote systems.
Monitors and tracks drive activity; so high error-rate cartridges can be identified and replaced.
Manages all types of removable media - even media not created by EnterpriseBACKUP maintaining information on usage and authorized access.
Queues jobs when drive activity prevents them from starting.
Allows the database to be centrally located and shared by any number of OpenVMS clusters.

Having trouble finding those vital files?

EnterpriseBACKUP can show you a thorough, up-to-date directory of all your off-line media

The ISE Advantage		
Reliability	Scalability	Diversity
With hundreds of backups on the line, system reliability is integral to data history. Companies can be assured of 24 x 365 resilience with the hot-swap capabilities; multi-site, disaster-tolerant clusters; and dynamic server resource reallocation of OpenVMS on AlphaServer systems. Plus, EnterpriseBACKUP saves backups to a standard OpenVMS tape for dependable storage and recovery, and backup sets and media library data are stored in a secure standard Resource Management System (RMS) database.	In today's dynamic business climate, companies need an affordable system now that can accommodate their future growth requirements. OpenVMS on AlphaServer systems is highly scalable, accommodating unpredictable and massive growth. In the meantime, EnterpriseBACKUP scales to meet varying user needs with 28 different modes from a full backup to an agent backup for the Windows NT operating system.	EnterpriseBACKUP handles backups for a diverse selection of hardware platforms, including the OpenVMS, UNIX, and Windows NT operating systems. Plus, jobs run on a centralized OpenVMS system can back up to all standard tape drives, programmable stackers, autochangers, and jukeboxes. Clients, servers, and jobs are available.

Backup and Media Management

EnterpriseBACKUP is made up of three pieces, each designed to handle a vital aspect of media management: and Backup

- If you are having trouble keeping track of your tapes and/or disks, the **MEDIA Librarian** is a complete tape/disk librarian that maintains a comprehensive database of all your media. It lets you perform a full array of media management tasks, from tracking location and contents to changing media access privileges and organizing media into pools. The media and all the available information about them is always available online.
- If you want to run backups on a daily basis, the **BCKMGR Backup Manager** program can be used to create and submit backup jobs at regular pre-determined intervals. It is ideal for management and submission of your time critical backup jobs. Backups can be centrally managed and shared by any number of VMS clusters

If you want to retrieve files that may have been lost or deleted, the **VAULT Saveset Manager** enables you to easily identify and restore files that have been copied to off-line media. The Restore System has three restore modes available, **Restore via VAULT**, **Restore via Search** and **Restore an entire disk**.

Key Features

Centralized or distributed backups

EnterpriseBACKUP facilitates reliable, regularly scheduled backups of OpenVMS, UNIX, and Windows NT systems throughout an enterprise. A centralized approach allows users to backup remote systems to the removable drives on a central OpenVMS system. A centrally managed approach, on the other hand, allows backups to be administered by the central OpenVMS system but actually carried out on the remote systems, where the data is written to their own removable drives. EnterpriseBACKUP automates such management tasks as media location tracking and file content coordination and automates data retrieval. Plus, full disk recovery, directory tree reconstruction and selective file restoration are all supported.

Complete data protection

With so much crucial company information generated and stored electronically, complete data protection is absolutely necessary. Using EnterpriseBACKUP, companies are assured that every critical piece of data and backup media is accounted for. More important, when the IT department needs to restore a file or perform a full disaster recovery, EnterpriseBACKUP automates the process and tells operators exactly what data is stored where.

Improved resource utilization

To be effective, data storage must reflect a company's individual structure and corporate model. EnterpriseBACKUP is a flexible tool that accommodates virtually any corporate hardware configuration; so backup jobs and media tracking databases can be single-shared entities or several distributed databases. And, the backups themselves can be performed locally and centralized around a large robotics device or be performed on a simple tape drive device to avoid network traffic. Devices can also be accessed across the network and backups distributed across the data center for the most efficient performance.

Flexible job organization

Each company's archival and storage needs are unique. EnterpriseBACKUP allows users to organize and track incremental, full, and ad hoc backups on a user-defined basis, including daily, weekly, monthly, and yearly time frames. This ensures that the IT department backs up the necessary data within the necessary window.

Account for critical data

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Catalog your removable media

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retrieve removable media from offsite areas. Removable media is clearly identified (DLT, DAT, CD, etc) including what drive and system it can be used on. Central management means you can manage all your tapes, cartridges, disks and CD's from a central locale and always know where to find them.

Flexibility for your changing needs

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ISE Inc • Phone: 310-643-7310 • Fax: 310-643-7549 • E-mail:sales@i-s-e.com • www.i-s-e.com

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