

EVault System Restore

Even in the best-protected environments, you may experience a catastrophic system failure. EVault® System Restore reduces that to a minor inconvenience with state-of-the-art bare metal restore (BMR) technology.

DISK-O-TAPE, INC.

EVault System Restore can quickly recover an unusable system after catastrophic failure. In just minutes, you initiate recovery of a system onto similar hardware, dissimilar hardware, or a virtual machine. It integrates seamlessly with EVault data protection solutions, and can restore both systems and data in a single pass. You get a unified solution that eliminates the need for multiple backups and dramatically reduces downtime.

Key Benefits

- Dramatically reduced recovery time
- Easy and efficient
- Flexible deployment
- Seamless integration with EVault backup solutions

A Better Alternative to a Manual Restore Process

Without EVault System Restore, if a system fails, complete recovery can take hours, or even days. An IT administrator must go through the process of procuring and configuring new hardware, installing and updating the operating system, and recovering data so that operations can resume. This process requires accurate documentation of system parameters, and relies heavily on the skill level of the available IT personnel. EVault System Restore eliminates much of the legwork, and enables a quick and painless recovery.

Comparing Recovery Techniques

Recovery Steps	Manual Restore	EVault System Restore
Replace the failed hardware	■	
Reinstall OS	■	
Apply patches	■	
Adjust hardware difference	■	
Reinstall the drivers	■	
Reinstall applications	■	
Configure settings	■	

EVault Software centralises the backup and recovery of all computers distributed throughout an organization—local and remote.

End-to-end data security

Data is encrypted before and during over-the-wire transmission, and remains encrypted in storage. During restores, decryption occurs only when the encryption key holder enters the correct passcode. There are no “back door” decryption keys.

How It Works

If you use EVault Software, EVault SaaS or EVault Real-Time Protection to protect your data, you can now configure your backup jobs to include the operating system. In the event of a system failure, simply boot EVault System Restore from a CD, USB drive, or network, and a wizard will guide you through a fast and efficient recovery of both your operating system and your data. There’s no need to reinstall the operating system, apply patches, reinstall drivers or applications, or configure a separate restore to recover your data.

1. Protect system with one of EVault’s data protection solutions.
2. Set backup jobs to include system volume.
3. After system failure, use EVault System Restore to quickly and easily recover data and operating system in a single pass.
4. Restore to any hardware/virtual system.

Features and Benefits

Integrated Backups

Feature	Function
EVault Software/EVault SaaS integration	EVault Software and EVault SaaS integrate data and system backup, which is then leveraged by the EVault System Restore process.
EVault Real-Time Protection integration	EVault Real-Time Protection integrates continuous data and system backup, which is then leveraged by the EVault System Restore process.

Optimised Restores

Feature	Function
Single pass restore	EVault Software and EVault SaaS integrate data and system backup, which is then leveraged by the EVault System Restore process.
Simple, guided recovery	EVault Real-Time Protection integrates continuous data and system backup, which is then leveraged by the EVault System Restore process.
Single volume restore	Recover data, applications, operating system, and hardware configurations in one operation.
Restore to dissimilar hardware	Wizard guides users through complete system and data restoration, and monitors progress along the way. Takes complexity out of disaster recovery.
Restore to virtual machines	Flexibility to restore a single volume from a multi-volume backup if you suffer partial data loss.
Dynamic driver loading	Recover system and data to any hardware, even if different from source.
Flexible partition restore	Recover to a virtual machine, or convert physical servers to virtual machines.
Customizable recovery media	Dynamically install drivers during the system restore process that might not be included on the boot media but are necessary for complete recovery.
Choice of boot media	Restore a small volume to a larger partition and stretch the volume to use all available space.
Choice of restore media	Create customizable recovery media by adding drivers to match your computing environment.
Rewind to any point in time	Boot from CD, USB, or PXE Server.
Restore Test Run	Restore from images stored on Vault, DAS, USB, SAN, NAS. Select any point-in-time from which you want to restore. Select this option to simulate the restore process.

Take the Next Step

To learn more about EVault backup and recovery services, contact Disk-O-Tape, Inc. by phone at 800-923-8273 or 216-765-8273, or email at evault@disk-o-tape.com, or visit www.disk-o-tape.com

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