

Backup, Fast Recovery, and Ransomware Detection



Backup and Granular Recovery

- Patented block-level backup cuts backup time and system impact by up to 90%.
- Agentless backup for VMware (VADP), Hyper-V, and Proxmox, with nothing to install inside each VM.
- Supports VMware vSphere, Microsoft Hyper-V, Nutanix AHV, Scale Computing, Proxmox VE, and OpenStack hypervisors.
- File server and NAS backup, with native NDMP protocol support.
- Bare-metal recovery to the same or different hardware.
- Backup and restore of S3-compatible object storage buckets to vStor.
- Browse and restore individual files on your backup destination through the vStor snapshot explorer.
- Immutable backup copies and offline tape storage provide a protected recovery foundation following ransomware and other cyber incidents, including those involving automated or AI-driven attacks.

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Instant Access

Mounts a block backup as a writable network drive, so files open without a full restore.

2

Instant VM Restore

Boots a VMware VM directly from backup storage in minutes.

3

Rapid Return to Production

Moves a VMware VM to permanent storage with only minutes of downtime.



DPX GuardMode and Ransomware Resilience

- GuardMode detects ransomware-like behavior and flags suspicious or encrypted files.
- GuardMode can scan a mounted restore point for signs of ransomware before you restore.
- Backup verification mounts VMware and block backups on vStor to confirm they are accessible before you need them.
- Offline tape copies stay out of reach of network-based attacks.

vStor Immutable Storage

- A software-defined backup repository that you deploy as a virtual appliance or on your own servers.
- ZFS deduplication and compression shrink backup storage.
- Replicates to a second vStor at another site or remote office.
- Immutable snapshots with deletion locks and MFA controls.
- Deletion-lock policies apply per volume, so new snapshots inherit the protection you set.
- No additional licensing cost for vStor repositories.

Long-Term Retention

- Archives block and agentless VMware backups to LTO tape, disk, or (from vStor) cloud object storage.
- Cloud targets include Amazon S3, Azure Blob Storage, Wasabi, Backblaze B2, Cloudian, MinIO, and other S3-compatible storage.
- Hardware encryption on supported LTO tape drives.
- Retention periods are set per job.
- vStor offloading moves older snapshots to a second vStor, freeing primary storage while keeping them retrievable.

Database and Application Protection

- Application-consistent backup and recovery for SQL Server, Oracle, and SAP HANA.
- Object-level recovery* for Exchange (email, contacts, tasks), SharePoint (documents, lists, sites), and SQL Server tables, from any restore point.
- Backup images can be mounted, so you can drag files out instead of running a full restore.
- NetApp ONTAP integration writes blocks directly to NetApp storage without media or device servers.

** Requires a supported third-party tool.*

Reporting, Scalability, and Support

- Built-in reports on backup types, node status, storage, and jobs, powered by Microsoft Power BI, at no extra cost.
- Scales to hundreds of protected systems, with support for larger deployments through additional master servers.
- Supports multiple tape drives and LTO formats, including LTO-9.
- Phone and email support from live engineers, with Bronze, Silver, and Platinum plans; Silver includes 24x7x365 coverage.

Reach out and learn more about DPX

Contact us to discuss how Catalogic DPX addresses your enterprise data protection needs, including filling any gaps in your current backup strategy.

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Request a demo here

