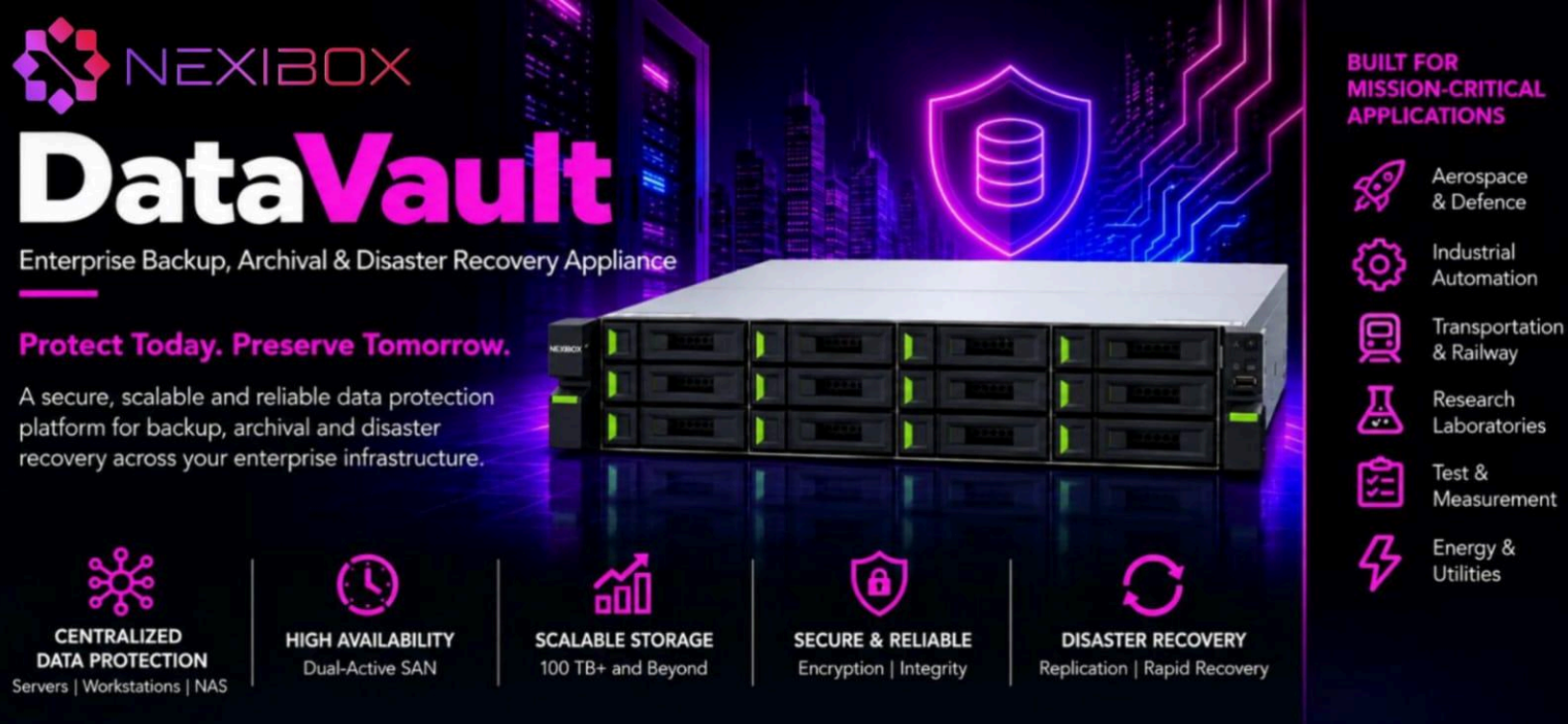


The banner features a central image of a Nexibox DataVault appliance, a rack-mounted server with multiple drive bays. The background is a dark, futuristic cityscape with glowing blue and purple lines representing data and network connections. A glowing shield icon with a database cylinder inside is positioned above the appliance. The Nexibox logo is in the top left, and the product name 'DataVault' is in large, bold letters. Below the product name, it says 'Enterprise Backup, Archival & Disaster Recovery Appliance'. To the right, a list of industries served is shown with corresponding icons. At the bottom, five key features are highlighted with icons and text.

NEXIBOX

DataVault

Enterprise Backup, Archival & Disaster Recovery Appliance

Protect Today. Preserve Tomorrow.

A secure, scalable and reliable data protection platform for backup, archival and disaster recovery across your enterprise infrastructure.

BUILT FOR MISSION-CRITICAL APPLICATIONS

- Aerospace & Defence
- Industrial Automation
- Transportation & Railway
- Research Laboratories
- Test & Measurement
- Energy & Utilities

CENTRALIZED DATA PROTECTION
Servers | Workstations | NAS

HIGH AVAILABILITY
Dual-Active SAN

SCALABLE STORAGE
100 TB+ and Beyond

SECURE & RELIABLE
Encryption | Integrity

DISASTER RECOVERY
Replication | Rapid Recovery

Nexibox™ DataVault

Enterprise Data Protection & Disaster Recovery Platform

Scalable | Secure | Reliable | Enterprise Ready

Centralized Backup, Archival & Disaster Recovery for Mission-Critical Data

Nexibox™ DataVault is a purpose-built enterprise data protection appliance designed to provide centralized backup, archival, and disaster recovery for servers, workstations, NAS systems, and critical application data.

The solution integrates a dedicated backup appliance with a high-availability **SAN storage subsystem** supporting dual-active controllers, enabling concurrent access to storage resources and eliminating single points of failure at the controller level.

Designed specifically for enterprise data protection workloads, Nexibox™ DataVault provides a scalable, reliable, and resilient platform for backup repositories, long-term archival, and disaster recovery, with support for high-performance data transfer, redundant storage connectivity, and continuous availability.

Key Features

- Integrated enterprise Backup & Archival Appliance
- Centralized backup, archival and recovery management
- 8-core enterprise-grade processor
- 32 GB DDR5 ECC Registered RAM
- Backup data encryption and secure data transfer
- Support for NAS and file-server data
- Full, incremental and differential/equivalent backup
- Scheduled and policy-based backup operations
- Configurable backup retention and archival policies
- Multiple recovery points
- Point-in-time snapshots
- Online storage expansion
- 10GbE / 25GbE / Fibre Channel connectivity options
- RESTful API support
- High-availability dual-active SAN storage architecture
- File-level and system/image-level recovery, as applicable
- Backup integrity verification
- Centralized web-based management
- Hot-swappable storage drives
- Multiple RAID levels
- SSD caching and automated storage tiering options
- Thin Provisioning
- Support for Windows and Linux servers and clients
- Local volume cloning
- Local and remote replication
- Multi-petabyte-scale storage expansion
- Backup compression and storage-efficient data protection
- Redundant power and cooling architecture

Backup & Archival Capabilities



Data Protection & Storage Efficiency

- RAID-based data protection
- Dual-active storage controllers
- Thin Provisioning
- SSD caching
- Automated storage tiering
- Point-in-time snapshots
- Local volume cloning
- Remote Replication
- Cache-to-flash protection
- Encryption and secure authentication
- Backup integrity verification
- Hot-Swappable drives

Connectivity & Integration

- 10GbE SFP+
- 25GbE SFP28
- 16Gb Fibre Channel
- 32Gb Fibre Channel
- 12Gb/s SAS expansion
- iSCSI
- Fibre Channel SAN connectivity
- Dedicated management connectivity
- RESTful API-based integration
- Multiple interfaces for separation of management, backup and storage traffic

DR Features

- Backup copy to secondary repository
- Remote storage replication
- Scheduled replication
- Asynchronous replication
- Optional synchronous replication
- Secure data Transfer
- Configurable DR retention
- Resumable backup/replication operations
- Recovery from secondary repository
- Independent monitoring of DR operations

Management & Monitoring

- Web-based administration
- Backup job monitoring
- Storage capacity monitoring
- Backup success/failure monitoring
- Hardware health monitoring
- Event and alert management
- Email notifications
- Backup and recovery reports
- Storage utilization reporting
- Audit and activity logs
- RESTful API integration
- Secure remote management

Technical Specifications

Parameter	Specification
Product	Nexibox™ DataVault
Product Type	Integrated Enterprise Backup, Archival & Disaster Recovery Appliance
Architecture	Unified, rack-mountable, integrated backup and scalable SAN storage platform
Backup Processor	Enterprise-grade server processor with 8 physical cores
Backup Memory	32 GB ECC Registered RAM
Backup Platform	Enterprise backup and recovery software platform
Backup Sources	Physical servers, workstations, Windows/Linux systems, NAS and file servers
Backup Methods	Full, Incremental and Differential/Equivalent backup
Backup Management	Centralized web-based backup management and monitoring
Backup Scheduling	Policy-based and scheduled backup operations
Retention & Archival	Configurable retention policies and long-term archival
Recovery	File-level and system/image-level recovery, as applicable
Backup Protection	Compression, encryption and backup integrity verification
Storage Architecture	High-availability, dual-controller SAN storage architecture
Storage Capacity	Configurable from 100 TB usable capacity and scalable as required
Internal Raw Capacity	Up to 312 TB raw , configuration dependent
Maximum Raw Capacity	Up to 22676 TB raw with expansion , configuration dependent
Storage Scalability	Online, modular capacity expansion without replacing the core appliance
Storage Management	Multiple storage pools and logical volumes
RAID Protection	Enterprise RAID-based data protection
Storage Efficiency	Thin provisioning, SSD caching and automated storage tiering
Data Protection	Point-in-time snapshots and local volume cloning

Replication	Local and remote replication with asynchronous replication support
DR Support	Backup copy and replication to secondary/DR storage
Network Connectivity	10GbE / 25GbE / higher-speed connectivity options
SAN Connectivity	Ethernet SAN and Fibre Channel connectivity options
Storage Expansion	High-speed storage expansion connectivity
Security	Secure authentication, encrypted access and role-based administration
Management	Web-based management, monitoring and RESTful API
Monitoring & Alerts	Backup, storage, system health and event monitoring with notifications
Availability	Redundant storage controllers, power and cooling
Deployment	Single integrated appliance / One-Box Solution



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MSME Registered | **ZED (Zero Defect Zero Effect)** Pledge Participant

Disclaimer

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