NeuShield Datacenter Edition
Database Recovery Reinvented

MIRROR SHIELDING™

NeuShield's patented Mirror Shielding technology enables you to recover your data instantly from any kind of corruption, deletion, or encryption due to cyberthreats without relying on backup or rollback. Your data will never be held hostage again.

ONE-CLICK RESTORE

With one simple click you can bring back your entire operating system (OS) to a known good state within minutes. You no longer need to worry about losing time because of undetected malware, faulty patches or operating system corruption.

DATABASE GUARDIAN

Similar to One Click Restore for the OS, this feature allows you to bring back your database to a known good state within minutes. The whole database, plus all the supplementary binaries and files for the database instance are restored together as a set.

DATA INSPECTION

Ensures ransomed data will never be saved to disk, by holding changes to data on an overlay and conducting analysis to determine if data has been corrupted or encrypted. The user can then review the data and if the changes are undesirable, they can remove it with a single click.

- How do you protect the **crown jewels** of your organization in real-time?

- How much time and effort would it take you to recover your **database server** from a ransomware attack?

- What would you do if the protection you have in place fails to protect you for just **5 minutes** or fails against a single threat?

- What would you do if all your data was encrypted by a completely new, **Fully UnDetectable (FUD)** ransomware threat?
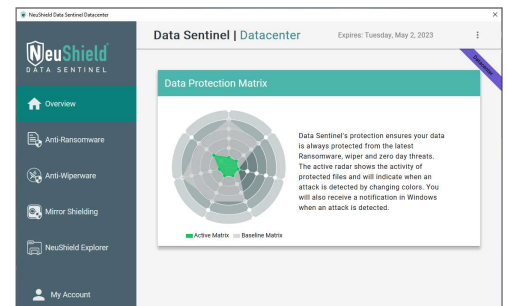
The NeuShield Difference

Many organizations' most valuable data resides in their databases. Traditionally, backup is used to recover a database after an attack. However, NeuShield's Datacenter Edition is many times faster and more reliable for recovering this data.

NeuShield's Datacenter Edition is specifically designed to protect data, both structured and unstructured, supporting up to 64 TBs of data per-volume. To protect structured data, Datacenter Edition can block foreign processes from modifying data in the database as well as allowing for quick recovery of data and all supplementary files of a database. For unstructured data protection, NeuShield takes a completely different approach by creating a protective shield between your files and applications. When ransomware or other applications make changes, the **original files** stay intact allowing users to instantly revert any unwanted change that has been made.

NeuShield Data Sentinel allows you to shield and protect your data from **malware or human error**. Features include boot protection, disk protection, file and folder protection, data inspection, One-Click Restore and cloud protection.

If your business is time sensitive and cannot afford downtime, NeuShield is the **essential layer** of protection your business needs today.

NeuShield®
How much is your data worth?

Features and Benefits

NeuShield provides corporations with the perfect tool to ensure all their data is **fully protected** against threats that could impact their business.

Deployment, management and recovery can all be administered from a single multi-tenant cloud-based management console to provide customers with **zero downtime**.

DATA CENTER READY

Designed to work with large data sizes common in modern database storage platforms. NeuShield Data Center Edition can protect up to a maximum size of 64TB per volume.

DATA ENGRAMS™

Leverages Mirror Shielding to create copies of modified data at different points in time. Data Engrams work like file revision history, allowing files to be restored to previous versions.

CLOUD PROTECTION

Damage from ransomware can increase exponentially when using cloud drives. NeuShield Data Sentinel stops the spread of ransomed data and allows corrupted data to be recovered instantly. Supported cloud drives are Microsoft OneDrive, Google Drive, Dropbox, and Box.com.

Remote One-Click Restore

Recovers a damaged or infected operating system from the **management interface** without requiring local access to the computer.

Remote Revert

If a computer gets infected or data becomes corrupt the NeuShield management interface allows you to recover the corrupted or encrypted files **immediately**.

- Mirror Shielding
- One-Click Restore
- Database Guardian
- Data Inspection
- Large Disk Support
- File revisions using Data Engrams
- Cloud drive protection
- Boot protection
- Disk wipe protection
- Cloud management
- File Lockdown
- Custom folder protection

Company Awards

" Security teams often experience a very low TCO for NeuShield because the company offers a lightweight agent that's simple to install. Security pros can deploy and manage NeuShield without requiring any additional employee head count. "

– SC Magazine 2022

CONTACT US

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System Requirements

- OS: Windows Server 2008 R2, 2012, 2016, 2019, 2022
- Processor: 1 gigahertz (GHz) or faster processor
- Memory: 2 gigabytes (GBs)
- Disk Space: 50 MBs minimum; 10 GBs recommended
- Display: 1366x768 or higher resolution monitor
- Database: Microsoft SQL 2012 or newer

SERVICES AVAILABLE

Technical Support

Installation and Setup

Maintenance

Application Support

Simulation Testing

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