NeuShield®
How much is your data worth?

The NeuShield Data Sentinel

CHALLENGES IN CYBER-SECURITY

ADAPTIVE THREATS
Ransomware algorithms are continually evolving, outsmarting existing security controls.

EVOLUTION OF TACTICS
The latest wave of attacks operate without traditional malware (LOLBINs), as noted in Microsoft's Volt/Flax Typhoon Alert and CrowdStrike's RSA Keynote. This evolution makes detection more challenging than ever.

ECONOMIC DISADVANTAGE
The economics of cybersecurity are not in favor of organizations, making it a constant uphill battle.

PRECISION MATTERS
Organizations are expected to be right 100% of the time, while attackers only need to succeed once.

SOPHISTICATED ADVERSARIES
Dynamic cyber attacks outpace static, complex, and noisy security controls.

THE NEUSHIELD DIFFERENCE

Why are so many companies getting hit with ransomware even though they have made significant investments in a layered security model? The reason is because ransomware is getting more targeted. The solution, a new approach to data protection.

NeuShield Data Sentinel 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 revert any unwanted change that has been made. While other products create backup copies of your files which, can dramatically increase disk usage and cause a significant performance overhead, NeuShield's revolutionary Mirror Shielding

preserve the original file without requiring a backup, which allows Data Sentinel to protect files with virtually no additional disk activity (I/O).

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.

© 2024. All rights reserved. NeuShield, Mirror Shielding and Data Engrams are trademarks of NeuShield, Inc.
All other trademarks and registered trademarks are the properties of their respective holders.

FASTEST TIME TO VALUE
- No baselining, learning, or chasing signatures
- Zero Day ready!
- Rapid recovery in minutes

COMPREHENSIVE RECOVERY
- Local and remote (SAAS) recovery
- File and OS recovery
- Full recovery of all protected data
- Not limited like rollback and Shadow Copy
- Safeguards local
- and cloud storage drives
- OneDrive, Google Drive, Box, Dropbox

MULTI-LAYERED DEFENSES
- Boot, OS, Shadow Copy, and Safe Mode hardened

HARDENED
- Uninstall / bypass protection for enhanced security
- Patented technology
- Signed & certified by Microsoft

MALWARE PREVENTION
- Prevents malware, ransomware from writing to disk
- Blocks any software from modifying the boot record

DATABASE PROTECTION
- SQL database lock and anti-exfiltration capabilities

HELP DESK
- Quick recovery for bad patches, incorrect config, locked device, unwanted app removal

AUGMENT EXISTING BACKUP STRATEGY
- Reduces storage costs
- and quicker recovery times
- Reverses ransomware rather than merely restoring files

WWW.NEUSHIELD.COM

NeuShield®
How much is your data worth?

Product Features and Benefits

NeuShield provides Managed Service Providers (MSP) and your IT staff the perfect tool to ensure all their users are 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.

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 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.

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.

CLOUD DRIVE 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.

BOOT PROTECTION

Protects the boot portion of a drive to prevent aggressive types of ransomware from taking over the boot process and preventing applications from writing to the boot record.

DISK PROTECTION

Monitors all direct disk access preventing malicious programs from destroying data on the hard drive. Protects against destructive ransomware or wipers that attempt to wipe the disk.

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.

ADDITIONAL FEATURES

- Remote Revert
- Cloud management
- File Lockdown
- Custom folder protection Kaseya VSA integration

NeuShield, Inc

200 Brown Road, Suite 306
Fremont, CA 94539
Main: +1 510-239-7962
Toll Free: +1 888-999-0965 (U.S.)

WWW.NEUSHIELD.COM