

Mitigate Ransomware Threats with NAKIVO Backup & Replication

Ransomware is the #1 cybersecurity threat — and it’s not going away. From hospitals to factories to governments, hackers constantly find new ways to lock down systems and encrypt not just data, but also backups to prevent a safe recovery.

Ransomware by the Numbers: 2024–2025

- 59% of organizations were hit by ransomware in 2024.
- \$3.96 million average ransom in 2024—Up 156% from 2023.
- 94% of ransomware attacks targeted backups.
- 2,063 attacks reported in Q1 2025 alone. A 102% increase vs. Q1 2024.
- \$57 billion projected global ransomware costs in 2025.

*Latest data from Sophos, GuidePoint Research and Intelligence Team (GRIT), Chainalysis, Darkfeed and Cybersecurity Ventures

Proactive Ransomware Protection with NAKIVO

Every platform. Every workload. One solution.

NAKIVO Backup & Replication is an all-in-one backup, ransomware protection and disaster recovery solution built for data resilience.

- **Virtual:** VMware, Hyper-V, Proxmox VE, Nutanix AHV
- **Physical:** Windows and Linux servers and workstations, NAS/file shares
- **Cloud:** Amazon EC2
- **SaaS:** Microsoft 365 (Exchange Online, OneDrive for Business, SharePoint Online, Teams)

Immutable protection across local, cloud, other S3-compatible storage and NEC HYDRastor systems.

Air-gapped storage on offline media like tape devices, NAS, USB or removable hard drives.

Built-in cybersecurity with RBAC, 2FA and AES-256 encryption at source, in flight and at rest.

Automated 3-2-1-1 implementation with backup copies across different storage media via job chaining—onsite, cloud and tape.

Why NAKIVO for Ransomware Protection

Learn how the solution ensures simple and reliable ransomware protection and recovery for your critical data.

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Fast, Reliable and Ransomware-Clean Recovery

Flexible recovery for any scenario

- Instant VM Recovery** for VMware vSphere and Microsoft Hyper-V
- Full Recovery** with full VM restores, bare metal restore, physical-to-virtual recovery and cross-platform recovery
- Malware-free recovery** with pre-restore scans backups for dormant malware and ransomware
- Granular recovery** of Microsoft application objects and files

Disaster Recovery with NAKIVO

Recover from the unexpected

Disasters strike without warning, no matter the cause—cyberattacks, natural disasters or sudden failures. NAKIVO Backup & Replication provides comprehensive disaster recovery capabilities to ensure business continuity in the face of unforeseen events.

- Efficient replication** from source VMs or backups to reduce production environment load.
- 1-click Site Recovery** to automate and orchestrate DR workflows for rapid failover and failback with minimal downtime.
- Real-Time Replication** to ensure quick failover and minimal data loss with RPOs as low as 1 second.
- Instant replica verification** with reports and screenshots of test-recovered machine replicas.

SUCCESS STORIES

NAKIVO Helps Foxconn BC Recover from a Cyberattack

Foxconn is one of the largest contract electronics manufacturers in the world, headquartered in Taiwan. Even when a cyber attack hit them, our engineers quickly helped them restore their affected services without paying the ransom.

“We saved 50% of money annually with NAKIVO Backup & Replication versus our previous backup solution. The fact that NAKIVO Backup & Replication helped us recover from a cyberattack is, of course, priceless.”

Jesus Alfonso Rangel Diaz, IT Infrastructure Coordinator.

Read the Full [Success Story](#)



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