

DATASHEET

Cayosoft Guardian Instant Forest Recovery

The only patented highly available standby AD forest validated daily for guaranteed cutover in minutes.

When your Active Directory fails, waiting isn't an option. Every minute offline costs money, erodes confidence, and stalls your business.

Unlike traditional backup tools that only store data, Cayosoft maintains a continuously validated, instant standby environment that's ready to restore your entire AD forest in minutes, not days.

The result: No rebuilds. No re-infection. No lost time. Just clean, proven recovery that keeps your business moving and your customers confident.

KEY CAPABILITIES

Patented Instant Forest Recovery

- Recovers entire AD forest in minutes
- DNS cutover activates new environment instantly
- No dependency on live DCs, scripts, or identical hardware

Isolated Virtual Labs

- Test forest recovery safely and regularly
- Meet DR compliance and audit requirements
- Trial production changes before deployment

Immutable, Secure Backups

- AES-256 encrypted, stored locally or in Azure/AWS
- Daily validation and malware scanning ensure clean backups

Cloud-Ready Recovery

- Recover to VMware, Hyper-V, Azure, or AWS
- Ideal for hybrid and multi-domain environments
- No reliance on system state backups or staging

Automated Orchestration

- Full restoration of DCs, FSMO, DNS, SYSVOL, replication topology
- Role-based access with full audit history
- Zero-trust compatible with SIEM/SOAR integration

TOP FOUR BUSINESS BENEFITS

Immediate Recovery at Enterprise Scale

Automated recovery of the entire AD forest in minutes, including domain controllers, DNS, SYSVOL, and FSMO roles.

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Clean, Infection-Free Forest

Avoid malware reinfection with secure, isolated, ransomware-proof backups.

- Immutable backups with daily integrity and malware scans
- Recover to trusted, clean environments (on-prem, Azure, AWS)

One Platform for All Recovery Scenarios

Simplify AD recovery with one tool for entire forest, domain controller, and object-level restores.

- No scripts or pre-staged servers are required
- Unified UI, automated orchestration, and full audit trails

Real-Time Detection and Instant Rollback of Identity Changes

Continuously monitor identity activity across AD and Entra ID with full context—know what changed, when, and why.

- Instantly reverse unwanted or malicious changes at the object, attribute, or group level
- No backups, scripts, or downtime required

THE FASTEST AND ONLY VIABLE AD RECOVERY SOLUTION

Cayosoft Guardian Instant Forest Recovery™ expands threat detection and change rollback into operational disaster recovery with the only patented instant AD standby forest.



Shift-Left Recovery Advantage



Pre-built, isolated standby Active Directory forest ready for controlled cutover.

Forest Recovery in Minutes



Instant cutover to a tested, validated standby forest.

Clean Recovery Without Reinfection



An immutable, isolated and tested standby environment



Shift Left of Boom!

General Purpose Backup and Restore

Build a Clean Recovery Infrastructure (8hr-3Days)

“Recovery Bubble.” This is the “new virtual environment” step.

Identify the Correct Restore Method (2-4 Days)

Option A: “System State restore” of Domain Controllers (classic Microsoft method)

Option B: Use a third-party forest recovery tool

Restore / Rebuild Core AD Domain Services (1-5 Days)

These solutions depend on a forty+ manual step playbook

SECURITY & COMPLIANCE FEATURES

- Immutable backup storage with role-based access
- Least-privilege execution with full session logging
- Integration with SIEM/SOAR for alerts and automated workflows
- Supports HIPAA, SOX, GDPR, and other compliance needs

PROVEN IN THE FIELD

- **State Government:** Restored full AD in a few minutes.
- **Global Manufacturer:** Cut recovery time by 90% without adding headcount
- **Fortune 500 Healthcare:** Uses Guardian for quarterly DR tests with audit-ready results.

SUMMARY

Cayosoft Guardian Instant Forest Recovery™ is the most complete, secure, and scalable Active Directory disaster recovery solution. Built for real-world hybrid environments and tested under pressure, it ensures fast, clean AD recovery after ransomware, accidental wipe out, or catastrophic system failure.

Get Your Personalized Cayosoft Demo

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