

Cayosoft Guardian Instant Forest Recovery

Proven Active Directory Recovery Before You Need It

When Active Directory fails, the business stops. Users cannot log in. Applications lose authentication. Operations stall. Security teams move into crisis mode.

Traditional backup and recovery tools start after failure. Cayosoft Guardian Instant Forest Recovery changes the model by maintaining a clean, isolated, continuously validated standby Active Directory forest that is ready for controlled cutover in minutes.

No rebuilds. No backup gamble. No reinfection. No lost days.

Cayosoft gives IT, security, and disaster recovery teams the confidence to recover the right way for every identity failure—from a single deleted object to a full forest-wide ransomware event.

KEY CAPABILITIES

Patented Instant Forest Recovery

Recover an entire Active Directory forest in minutes using a prebuilt, validated standby forest.

- Cut over to a clean recovery environment when production AD is compromised
- Restore domain controllers, DNS, SYSVOL, FSMO roles, and replication topology
- Avoid dependency on live domain controllers, system state backups, or identical hardware

Clean Recovery Without Reinfection

Avoid restoring compromised infrastructure, hidden persistence, or infected domain controllers.

- Immutable, isolated recovery environment
- Daily validation and malware scanning
- Recovery to trusted environments in Azure, AWS, VMware, or Hyper-V

Automatic Recovery Validation

Know recovery works before disaster strikes.

- Continuously validates backups and recovery readiness
- Enables repeatable disaster recovery testing
- Supports audit, compliance, and executive assurance requirements

Real-Time Change Monitoring and Instant Rollback

Not every identity failure requires a full forest recovery. Cayosoft continuously tracks identity changes across AD and Entra ID so teams can reverse unwanted changes before they become outages.

- Roll back deleted objects, attributes, groups, GPOs, and policies
- Restore changes in seconds without rebuilding infrastructure
- Maintain a full audit trail of who changed what, when, and why

Automated Recovery Across Hybrid Environments

Replace manual runbooks with automated orchestration built for complex Microsoft identity environments.

- Supports multi-domain and hybrid AD environments
- Automates forest, domain, DNS, SYSVOL, and FSMO recovery
- Reduces recovery complexity, human error, and downtime

TOP BUSINESS BENEFITS

Recover Active Directory in Minutes

Cayosoft turns forest recovery from a multi-day crisis into a controlled cutover to a validated standby forest.

Reduce Business Downtime

When AD is down, authentication-dependent systems fail. Cayosoft restores identity services quickly so users, applications, and operations can resume.

Avoid Reinfection

Traditional restores can bring back the same compromised identity state. Cayosoft enables recovery from a clean, isolated, validated environment.

Use the Right Recovery Method Every Time

Cayosoft matches the recovery method to the scope and severity of the incident, eliminating guesswork during a crisis.

Right Recovery Method. Every Time.

Identity failures do not follow one pattern. Some require a simple rollback. Others require domain recovery. The worst demand full forest cutover.

Cayosoft Guardian Instant Forest Recovery gives teams the right recovery path for each scenario.

Scenario	Recovery Method	Scope	Why It Matters
Accidental AD object deletion	Change history object-level rollback	Users, groups, GPOs	Restores deleted identities with original attributes and access without affecting healthy AD objects.
Attribute corruption or overwrite	Change history attribute rollback	Specific attributes	Reverses unwanted attribute changes without rolling back entire objects.
Entra ID, Microsoft 365, and Intune recovery	Change history rollback	Object and attribute level	Restores critical cloud identity objects and attributes beyond basic native recovery limits.
Accidental OU deletion	Authoritative container restore	Entire OU structure	Restores deleted OUs and nested objects consistently, including access and automation dependencies.
Domain controller failure	Non-authoritative DC restore	Single DC	Rebuilds a failed DC and resynchronizes with healthy domain controllers.
Domain corruption	Authoritative domain restore	Entire domain	Restores a domain from validated clean backups to resolve replication and authentication failures.
Forest-wide disaster	AD forest recovery plan	Entire forest	Restores the entire forest using automated, Microsoft-aligned recovery steps.
Forest-wide disaster with compromised infrastructure	Standby forest recovery in Azure or AWS	Entire forest	Enables rapid cutover to a clean cloud-based standby forest with no dependency on compromised on-prem infrastructure.
Ransomware with forest-wide impact	Standby forest recovery in Azure or AWS	Entire forest	Cuts over to a clean, isolated standby forest to reduce downtime and reinfection risk.

SECURITY AND COMPLIANCE FEATURES

- Immutable backup storage with role-based access
- Least-privilege execution and full session logging
- SIEM/SOAR integration for alerts and workflows
- Audit-ready disaster recovery testing and reporting
- Supports compliance needs across regulated industries

PROVEN IN THE FIELD

- **State government organization** restored Active Directory in minutes after legacy recovery failed
- **Global manufacturer** reduced recovery time by 90% without adding headcount
- **Enterprise healthcare organization** uses Guardian for quarterly disaster recovery testing with audit-ready results

SUMMARY

Cayosoft Guardian Instant Forest Recovery is the fastest, cleanest, and most complete way to recover Active Directory after ransomware, catastrophic failure, corruption, or human error.

It gives organizations more than backups. It delivers a tested recovery path before failure occurs, real-time change visibility before small issues become outages, and the confidence to use the right recovery method every time.

Get Your Personalized Cayosoft Demo

See how Cayosoft Guardian Instant Forest Recovery helps you recover Active Directory in minutes—not days.

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