

## Identity-Driven Enterprise Protection

# Essential Protection for Active Directory

As the gatekeeper to the applications and data your organization depends on, Active Directory requires the highest level of security and availability. You must be able to act fast if the directory is compromised in any way. With Semperis Active Directory Forest Recovery (ADFR), you can do precisely that.

## Confronting the Unthinkable

Active Directory is down: employees sit idle, operations grind to a halt, customers are stranded.

The threat is real:

- Ransomware or a wiper attack takes out your domain controllers
- A hacker gains access, and the extent of the damage is unknown
- A rogue administrator takes down the directory service
- A schema extension, forest-level upgrade, or other irreversible change renders the directory inoperable

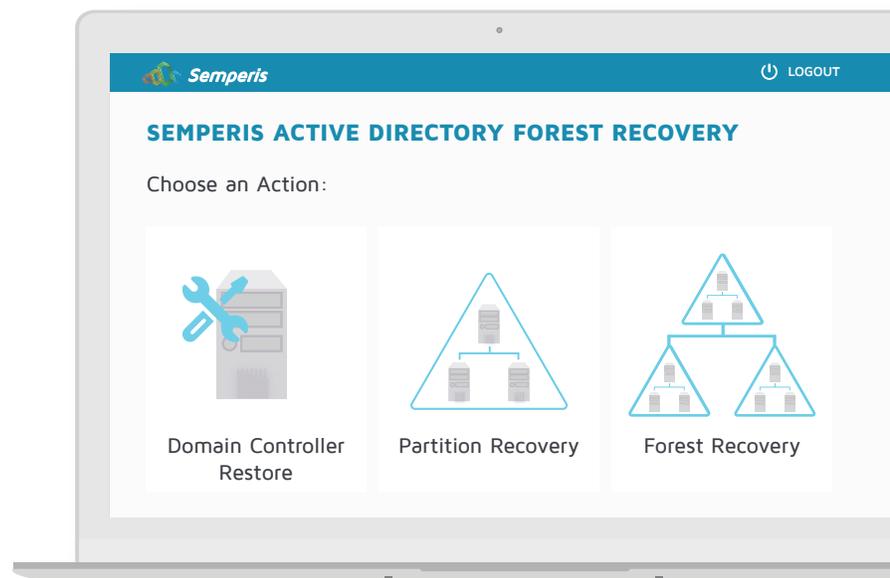
Whatever the cause, you need to restore Active Directory **now**. On the same or different servers. And without any remnant of the malware or bad actor that wreaked havoc on your network.

## Save the Day with Semperis

Restoring Active Directory manually would take days or even weeks – and you could still be left with malware in your environment. But with Semperis ADFR, you can get your business *back in business* in less than an hour. That's because Semperis:

- Prevents malware reintroduction during restore
- Automates the entire forest recovery process
- Recovers to any server – virtual or physical, on-premises or in the cloud – with no need to install drivers and patches

With Semperis, you can recover quickly and confidently from even the most catastrophic Active Directory disaster.



Semperis ADFR automates forest recovery, as well as recovery of individual domain controllers and partitions. Granular recovery of Active Directory objects and attributes is available with Semperis Directory Services Protector for Active Directory.

## The Semperis Advantage

Forest recovery is no easy task, and the Active Directory experts at Semperis have taken the challenge head-on. In doing so, Semperis ADFR offers functionality not available elsewhere, including:

-  **Anywhere Recovery.** Restores Active Directory to the same or different hardware. Simply stand up a server with the same Windows version (2016, 2012 R2, 2012, or 2008 R2) as the original domain controller, and Semperis takes care of the rest.
-  **Clean Restore.** To prevent reintroduction of rootkits and other malware, starts with a clean OS and only restores what's needed for the server's role as a domain controller, DNS server, etc.
-  **Advanced Automation.** Automates the entire recovery process, including rebuilding the Global Catalog, cleaning up metadata and the DNS namespace, restructuring the site topology, and more.
-  **Zero Maintenance.** Eliminates the need to develop and maintain scripts or manually update configuration information – and the recovery failures that occur when these things don't get done.
-  **Full Oversight.** Provides visibility and control of the restore process, including the ability to review, pause, fix environmental issues, and retry or restart.
-  **Easy DR Testing.** As a fully automated, out-of-the-box solution, makes it easy to test recovery and document results for compliance with internal and external regulations.
-  **Comprehensive Backup Validation.** Checks each backup set to verify that all data (including Active Directory topology) was successfully written to the backup server. Also notifies you of any gaps in backup jobs (such as newly added domains).
-  **Complete Protection.** Runs independent of Active Directory – with no reliance on Windows authentication, DNS, or other Active Directory services – so you can recover even if Active Directory is completely down.
-  **Lab Setup.** Semperis ADFR also makes it easy to spin up a copy of production domain controllers in the lab, significantly reducing the time to maintain dev/test, staging, training, and support environments.



*“In the ransomware era, one of the most often overlooked considerations is backup and recovery of Active Directory. This represents a significant risk. I believe Semperis has a superior solution to this problem.”*

Allen Brokken  
Chief Architect, Cyber Security  
Ascent Solutions

## ABOUT SEMPERIS

Semperis is an enterprise identity protection company that helps organizations recover from cyber breaches and identity system failures, on-premises and in the cloud. The company's leading technology for Active Directory is used by customers in the Fortune 500, government, financial, healthcare, and other industries worldwide. Semperis solutions are accredited by Microsoft and recognized by Gartner.

No one is immune from costly Active Directory outages. Ensure you can recover quickly and effectively with Semperis.

**Contact us today for a free trial.**