Silverfort

CASE STUDY

Agilisys extends MFA protection across all environments with Silverfort

BASED
London, UK

INDUSTRY
IT services and
IT consulting

USERS
1,500+

ENVIRONMENT
On-prem workstations and servers
Legacy applications
Privileged accounts

Agilisys

Agilisys is one of the UK's fastest-growing and innovative digital transformation specialists, enabling organizations to adopt technologies, platforms, and processes that promote new ways of working. An established partner for both the public and private sector for nearly two decades, they hold deep domain expertise in delivering change and innovation, particularly within local and central government and healthcare.

THE CHALLENGE:

• Deficiency of end-to-end secure authentication for on-prem resources & legacy applications

• Insufficient protection into access requests made by privileged users

• Lack of MFA protection on remote PowerShell access in the Active Directory environment

THE SOLUTION:

• MFA protection implemented on all on-prem resources and legacy applications in just for weeks

• All privileged accounts protected with MFA policies

• MFA enforced on all Active Directory access interfaces, including remote PowerShell

The challenge: Secure MFA protection for privileged users and access interfaces

Agilisys realized that the security of their on-prem environments, active directory, and admin access tools was of paramount importance. It was vital for Agilisys to secure all its environments and resources with the proper level of multi-factor authentication (MFA).

"We needed to provide MFA protection across our entire technology stack," explained Katie McMillan, Agilisys's Information Security Manager.

This challenge presented functional requirements that no other security solution could solve. "The main functional requirement with MFA protection was for approval of privileged accounts in Active Directory, as we wanted to be able to see across every element of our Active Directory installation and deployment. Additionally, Powershell, Active Directory and MMC (Microsoft Management Console) functionality with integrated MFA were key requirements that we needed," McMillan added.

> "Our Active Directory environments, privileged accounts and remote PowerShell access needed to be protected with MFA which became one of our top security priorities."
>
> Katie McMillan, Agilisys's Information Security Manager

On-prem environments needed authentication security

As one of the leading digital transformation organizations in the United Kingdom, Agilisys wanted to lead by example and implement MFA protection across their on-prem environments.

"At the time, our on-prem environments were less secure than our other organizational resources," said McMillan.

> "We had MFA integrated into our cloud workloads, but we didn't have it for our on-premises resources and networks. We needed to provide MFA protection across all our environments to improve our company's security hygiene."
>
> Katie McMillan,
> Agilisys's Information Security Manager

The different security challenges and increased awareness of identity-based attack methods led Agilisys to start searching for a security solution that would fit all their security needs. The lengthy search included research into several MFA and PAM solutions, but Agilisys encountered some challenges with these solutions on the way.

"A number of the solutions we were looking at could not provide the end-to-end MFA enforcement across our Active Directory environment or secure command-line access such as PowerShell in any shape or form, and this became a deal-breaker for us," McMillian said. Unlike the other security solutions tested out by Agilisys, Silverfort's MFA and identity security capabilities checked all the boxes, which made Agilisys's choice much easier.

The solution: Extended MFA protection to their privileged users and resources

After deploying Silverfort into their production environments, Agilisys immediately achieved complete visibility and real-time monitoring of all their user authentication requests and now has advanced MFA protection across all environments and users, especially for their privileged accounts.

"Silverfort's MFA protection capabilities for our privileged accounts, access interfaces, and on-prem environments have been key to our security stack. It gives us that peace of mind when it comes to authenticating that we couldn't find anywhere else." McMillan said.

Agilisys was enabled to deploy advanced MFA protection across all their on-prem environments and resources.

> "Extending MFA capabilities to our legacy applications and environments has helped my team to secure all resources in our Active Directory environment."
>
> Katie McMillan,
> Agilisys's Information Security Manager

Agilisys enjoys the ease of deploying MFA capabilities across its resources and users. "Unlike traditional PAM and IT security solutions which took us at least three months just to get the design and architecture in place, with Silverfort we deployed the solution across our environments in just under four weeks. It was very easy to implement and covers all the security gaps that we were experiencing and provides functionality that no other solution offers," McMillan said.

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Enhanced security posture across the organization

Agilisys improved its organizational security hygiene by enforcing MFA capabilities across all its users and environments.

> "With the help of Silverfort, we were able to fill a critical gap in our identity security which we were experiencing, which was key for our overall security posture. Now we can easily checkbox all our auditing requirements for privileged accounts with Silverfort's detailed access logs."
>
> Katie McMillan,
> Agilisys's Information Security Manager

When it comes to training employees on new security tools, too often it can be challenging for end-users to adopt. However, Agilisys has appreciated the ease of use and user experience of Silverfort's MFA capabilities. "Other security solutions were much more complicated to train our users, and it was a challenge to embed them within the culture of our organization. Whereas Silverfort was much easier and our identity team was onboarded within a short timeframe. When you get the technical people on board with the solution, you know that it's the right solution in my eyes," McMillan added.

About Silverfort

SILVERFORT SECURES EVERY DIMENSION OF IDENTITY. WE DELIVER END-TO-END IDENTITY SECURITY THAT IS EASY TO DEPLOY AND WON'T DISRUPT BUSINESS OPERATIONS, RESULTING IN BETTER SECURITY OUTCOMES WITH LESS WORK. DISCOVER EVERY IDENTITY, ANALYZE EXPOSURES, AND ENFORCE PROTECTION INLINE TO STOP LATERAL MOVEMENT, RANSOMWARE, AND OTHER IDENTITY THREATS.

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