

Solving Education’s Key Identity Protection Challenges with Silverfort

Silverfort enables educational institutions to overcome common identity protection challenges by protecting their identity attack surface and providing real-time protection against ransomware attacks.

The education sector is an increasingly lucrative target for ransomware and data breaches. Attack volume increased by 179% in 2023, with most attacks involving ransomware operations.

Ransomware attacks use compromised credentials to spread through target environments. Their continued success in this sector highlights critical weaknesses in education organizations’ security architecture. Additionally, legacy and homegrown on-prem applications are prevalent but not protected with today’s security controls.

Without proper security controls, educational organizations are exposed to significant security challenges, especially against identity-based attacks that utilize compromised credentials.

What Makes Educational Institutions a Key Target for Identity Threats

Authentication to Legacy Servers	Student Access Across Unmanaged Devices	Visibility into Service Accounts
Active Directory authenticates to legacy servers with NTLM and Kerberos which does not support MFA, leaving them open to malicious access with compromised credentials.	Students often access resources on their personal devices which are not subject to centralized control or management. This makes them easy prey for compromise and abuse of their access privileges.	Despite the critical role service accounts play in every environment, they suffer from extremely low visibility, exposing them to compromise and lateral movement.

How Silverfort Solves Identity Security Challenges in the Education Sector

Secure Authentication to Legacy Servers	Free Identity Threat Detection & Response (ITDR) for Students	Full Visibility and Protection of Service Accounts
All user access requests are forwarded to Silverfort via its native integration with Active Directory. This includes authentications made via NTLM and Kerberos, so legacy servers can be protected with MFA.	Silverfort provides complimentary real-time protection to all student users throughout the organization while detecting and preventing identity threats such as lateral movement and ransomware spread.	Silverfort automatically identifies all service accounts within the environment and offers the identity and security teams the tools to secure them with pre-made policies tailored to each account’s behavior.

Learn more about how Silverfort helps educational institutions solve their key identity security challenges.

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