



# SILVERFORT AND PALO ALTO NETWORKS

## Maximize Security and Minimize Disruptions, by Enforcing Step-Up Authentication in Response to Real-Time Threats Detected by Palo Alto Networks

### Key Benefits:



Leverage Silverfort's AI-based adaptive authentication policies to block threats detected by Palo Alto Networks in real time, without interrupting legitimate users



Enable security teams to be more efficient by presenting only urgent threats through a reduction in false-positives



Secure access to any system, on-premises or in the cloud, including those that couldn't be protected until now (homegrown applications, IT Infrastructure, IoT devices and more)



Enforce holistic security policy across perimeter-less networks, and enable identity-based, zero-trust security



Keep current user workflows and eliminate the need for agents, proxies or local configurations

With countless security alerts, false positives, users and systems to track - responding to threats in real-time has become an overwhelming challenge. Silverfort's app on Cortex™ by Palo Alto Networks delivers real-time step-up authentication in response to detected threats. The app enables security teams to effectively prevent threats across corporate networks and cloud environments, without disrupting legitimate users.

Many organizations struggle with real-time response to detected threats. How can organizations maximize security and enable effective real-time response without slowing down employees and disrupting the business? The Silverfort app on Cortex™ delivers real-time step-up authentication in response to detected threats. It combines powerful threat detection and prevention capabilities from Palo Alto Networks with Silverfort's agentless authentication technology, allowing organizations to automatically enforce step-up authentication for suspicious users and devices, based on real-time alerts from [Cortex™ Data Lake](#).

### Enforcing Step-Up Authentication without Agents, Proxies or Configuration Changes

Silverfort enables organizations to add risk-based adaptive authentication to any system or resource, across corporate networks and cloud environments, without any software agents, inline proxies or costly integrations. Silverfort's non-intrusive solution can protect systems that don't support multi-factor authentication today, like homegrown applications, IoT devices, proprietary systems, shared files and folders, industrial control systems (ICS), machine-to-machine access and more. This allows organizations to prevent data breaches by securing corporate identities and critical assets and achieve compliance with regulations like PCI DSS, GDPR and HIPAA.



## Maximizing Security Without Slowing Down the Business

Until today, security professionals had to choose between blocking suspicious users or allowing access and raising an alert. The Silverfort app on Cortex™ allows our customers to leverage dynamic step-up authentication as a response to detected security threats from Cortex™ Data Lake. Cortex™ Data Lake has native AI and machine learning capabilities that present the Silverfort app with the most relevant threats, like a compromised user or device, that can be leveraged for dynamic, adaptive responses by stepping up authentication requirements. For example, a compromised user or device may be required to use an additional form of authentication and verify their identity before accessing any resource.

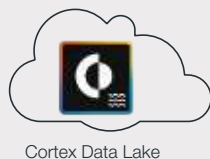
This provides legitimate users a chance to prove their identity and continue to work, while effectively blocking malicious actors.

By verifying the true identity of users in response to threat alerts, Silverfort helps security teams ease alert fatigue by reducing the amount of false-positives. This information is then sent to Palo Alto Networks (or the customer's SIEM) to create a feedback loop that continuously learns from user and device behavior, improving security over time.

### Palo Alto Networks and Silverfort – How Does It Work?

Cortex™ is the industry's only open and integrated AI-based continuous security platform. It delivers radical simplicity and significantly improves security outcomes through automation and unprecedented accuracy. Cortex™ partners, like Silverfort, can deliver innovative cybersecurity capabilities to joint customers through applications that leverage global threat intelligence and rich data from the entire enterprise to continuously improve security.

**1** Palo Alto Networks detects a threat involving a user or endpoint

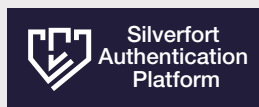


Cortex Data Lake



Alert

**2** Silverfort receives the alert through Cortex



Silverfort Authentication Platform

**3** Silverfort enforces step-up authentication for any access attempt of the suspected entity



Step-Up Authentication



Users and Endpoints



Access requests



Services and Resources  
(on-prem & cloud)

#### About Silverfort

Silverfort delivers strong authentication across entire corporate networks and cloud environments, without software agents, proxies or local configurations. Using patent-pending technology, Silverfort enables adaptive multi-factor authentication for all sensitive users, devices and resources, including systems that don't support it today, such as IoT devices, critical infrastructure, homegrown applications and more. Silverfort allows organizations to prevent data breaches and achieve compliance, by preventing identity-based attacks across complex networks and cloud environments.

Learn more at [www.silverfort.com](http://www.silverfort.com)

#### About Palo Alto Networks

We are the global cybersecurity leader, known for always challenging the security status quo. Our mission is to protect our way of life in the digital age by preventing successful cyberattacks. This has given us the privilege of safely enabling tens of thousands of organizations and their customers. Our pioneering Security Operating Platform emboldens their digital transformation with continuous innovation that seizes the latest breakthroughs in security, automation, and analytics. By delivering a true platform and empowering a growing ecosystem of change-makers like us, we provide highly effective and innovative cybersecurity across clouds, networks, and mobile devices. Find out more at [www.paloaltonetworks.com](http://www.paloaltonetworks.com)

#### CONTACT INFO

US: (+1).202.688.3098  
43 Westland Avenue  
Boston, MA 02115

Israel: (+972).77.202.4900  
30 Ha'arbaa St,  
Floor 26, Tel Aviv, Israel

