



SOLUTION BRIEF

Gemalto and Palo Alto Networks

Adding protection to the most sensitive area of your network – your Users

The IT perimeter is changing and organizations need to be able to implement secure and seamless access to applications from any location for their users. By combining the solutions offered by Gemalto and Palo Alto Networks, organizations can implement access controls and deploy multi-factor authentication while balancing security and user experience.

The Challenge

Corporate infrastructures are changing and the traditional IT perimeter is becoming blurred as more organizations diversify and are faced with maintaining security in hybrid deployments which consist of a mix legacy or custom applications and cloud applications.

Some legacy or custom applications may not always support the use of anything other than a password. This becomes problematic as studies have highlighted that 81% of data breaches are due to stolen or weak passwords¹.

Securing users within an environment is becoming a crucial component to ensuring the security measures put in place offer complete protection. Deploying multi-factor authentication and access controls aide organizations in thwarting a wide range of breach attempts by mitigating the potential of credential abuse – including pass-the-hash attacks, brute force attacks and more.

By deploying Palo Alto Networks Next Generation Firewall with Gemalto's Authentication and Access Management solutions you can streamline deployment of strong authentication and increase the protection of your infrastructure efficiently without needing to replace any existing components.

Key Benefits

- > Versatile integration methods to support hybrid deployments
- > Automated multi-factor token lifecycle management
- > Enforce strong authentication based on risk evaluation of network, device OS and location
- > Centrally manage access policies for applications
- > Reduced IT helpdesk and infrastructure costs
- > Prevents unauthorized access
- > Enables compliance with security regulations
- > Supports OOB/Push authentication
- > Balances Security with Usability
- > Unlimited Software Tokens
- > Multiple Authentication methods per user supported

Gemalto's Authentication and Access Management Solutions

Gemalto's SafeNet Trusted Access combines easy to deploy access management and strong authentication allowing organizations to balance security with the end user experience. SafeNet Trusted Access enables administrators to create access policies that evaluate risk conditions and validates users by enforcing strong authentication where needed, ensuring the right people have access under the right conditions.

¹ Verizon 2017 Data Breach Investigations Report

Gemalto solutions are offered as a cloud service simplifying adoption and enabling organizations to automatically and rapidly deploy a strong layer of security without any additional infrastructure investment.

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While Palo Alto Networks Next-Generation Firewall inspects traffic, enforces network security policies, and delivers threat prevention, Gemalto's SafeNet Trusted Access solution adds additional risk evaluations and enforces the need for strong authentication where needed. With the strong, multi-factor authentication offered by Gemalto, weak passwords are replaced by an additional security layer that validates users, and logs their access attempts for audit purposes. By combining Palo Alto Networks Next-Generation Firewall with Gemalto's strong authentication and access management solutions businesses can meet strict compliance requirements with an elegant solution that ensures the utmost in network protection.

Strong Authentication

SafeNet Trusted Access platform supports a wide range of two-factor authentication options, including traditional AD password, hardware tokens, software tokens, web-based tokens and certificate based authenticators. This allows users to authenticate from anywhere at any time. With access policies organizations can define what type of authentication is needed, and offers the capability to combine authentication methods. SafeNet's MobilePass+ supports out-of-band push authentication on mobile devices which provides a streamlined user experience while enforcing a strong authentication method. By leveraging the existing user repository organizations can set up automation policies that will provide users with an authentication method without IT involvement. The simple and user friendly self-service options empower users to adopt the use of multi-factor authentication in a frictionless way which increases user deployment without overburdening the IT helpdesk.

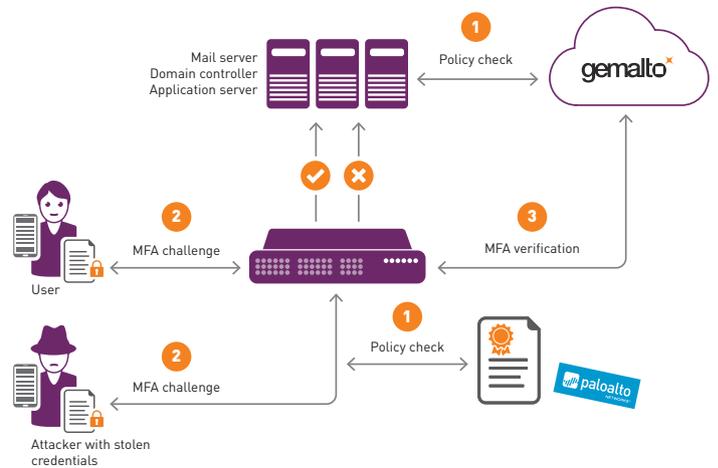
Powerful Access Controls and Centralized Management

Access policies can be set up in SafeNet Trusted Access based on application or group membership, centralizing the management of security policies against the entire environment. Integration options available enable organizations to protect their GlobalProtect and extend the enforcement of multi-factor authentication to all the applications in their environment. The flexible policy engine permits administrators to set policies which evaluate risk conditions and implements stronger controls for users who are accessing resources from older operating systems and mobile devices, or augment the firewall policies set in the

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Palo Alto Networks devices to deny access from certain geographic locations. Add further protection with SafeNet Trusted Access to other sensitive applications by setting policies which require multiple authentication methods. All of this managed through a centralized console which provides real-time analytics and empowers administrators to quickly and easily adjust policies based on business and compliance requirements.

About Gemalto

Gemalto's SafeNet Identity and Data Protection solutions are trusted by the largest and most respected brands around the world to protect their data, identities, and intellectual property. As the world leader in digital security, Gemalto ensures the authenticity of your banking transactions, safeguards your health records, protects the purchase of your morning cup of coffee, and helps organizations to control risk, manage security, and maintain compliance. Find out more at <https://safenet.gemalto.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 endpoints. Find out more at <https://www.paloaltonetworks.com>.

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