

SOLUTION BRIEF

Strong Authentication for Secure Employee Access

Extend two-factor authentication (2FA) to all your users and resources from a single, fully automated back-end, delivered from the cloud or on-premises

Challenges of a Dissolving Enterprise Security Perimeter

An increasingly mobile workforce, the proliferation of mobile devices used by employees and contractors to access corporate resources, and the move to virtual desktop infrastructures and cloud-based applications are all blurring the boundaries of the traditional enterprise security perimeter.

This complex reality of a dissolving IT perimeter is creating a security quandary in which enforcing a comprehensive authentication policy across the enterprise ecosystem—with consistent access permissions and access controls—is becoming increasingly difficult. In an effort to mitigate the risk of unauthorized access and data breaches, and to successfully undergo security audits and maintain regulatory compliance, IT administrators and security professionals are seeking ways to increase their visibility into access events taking place throughout the IT environment.

With the proliferation of applications, identities, and devices, IT and security professionals are also seeking solutions that minimize management overhead, while providing low TCO and high convenience to end users.

Solutions for a Comprehensive Security Framework

To contend with this challenge, Gemalto provides SafeNet's fully automated authentication and access management solutions delivered from the cloud, which allow organizations to effectively ensure secure access to a company's resources from any device to any network or application.

Reduced IT Management Overhead

To reduce day-to-day IT management overhead and lower help desk costs, Gemalto's solutions offer fully automated workflows, including:

- > Automated user and token lifecycle administration - providing auto-provisioning, auto-modification, and auto-revocation of permissions, accounts, and tokens
- > Automated red flag alerts - with configurable event- and threshold-based alerts that are sent to administrators via email or SMS text messages
- > User self-service portals - through which users can report or resolve numerous issues
- > Automated reporting - offering granular solution visibility and automated report delivery

Key Benefits

Reduced IT management overhead

- > Fully automated workflows enable automated solution, user, and token lifecycle administration

Protection of your entire IT ecosystem

- > Confidently offer secure mobility programs, with 2FA extended to all your critical resources, including your organization's VPN, LAN, VDI, web portals, and cloud-based applications.

Single point of management simplifies compliance

- > Centrally define and enforce access controls to all your resources, and get a single audit trail of access events taking place throughout your IT ecosystem for increased visibility and compliance.

Increased user convenience

- > Enable secure access from any device with a standard web browser, and offer federated login and single sign on so users can gain access to all their cloud-based applications with a single login, using their current enterprise identity.

Organizational efficiencies

- > Deployed without changing existing architecture, Gemalto's solutions reduce costs with prevalidated integrations available with leading brands' solutions, support for third-party tokens, and flexible authentication and access management delivered from the cloud or on-premises.

Single Point of Management

Providing a single point of management for defining and enforcing access controls to all virtual, cloud, and on-premises resources, Gemalto's solutions produce a single audit trail of access events, allowing IT administrators and security professionals to gain immediate visibility into their entire IT ecosystem and improve compliance.

Gemalto's identity and access management solutions are centrally managed from a single management platform that supports:

- > Secure mobility for employees from both corporate-issued and personal mobile devices
- > Secure remote (VPN) access to enterprise networks

1 Frictionless Management for IT Administrators

- > Management by exception
- > Automated lifecycle administration
- > Audit-ready reporting
- > Secure access from any device
- > User Self-service portal

2 Frictionless Authentication for Users

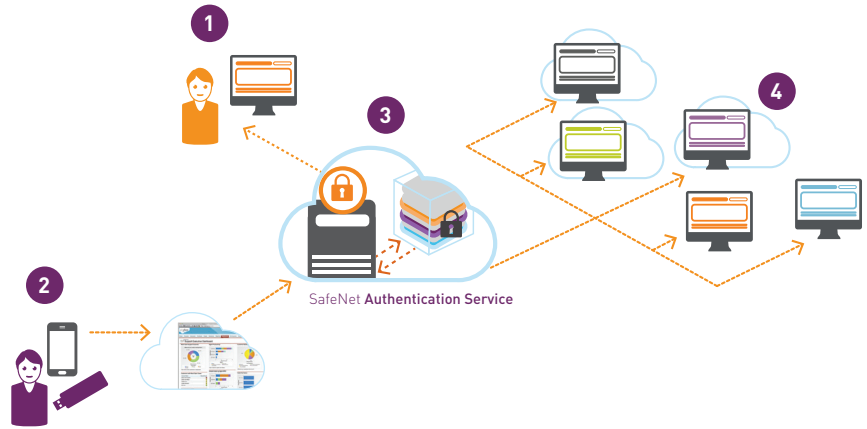
- > Range of 2FA tokens and tokenless methods
- > Federated login to and cloud single sign-on (SSO) to cloud applications

3 Single Point of Management

Apply consistent access controls to your entire IT ecosystem

4 Complete Use Case Coverage

- > 100 seamless out-of-the-box integrations
- > VDI
- > VPN
- > Web Portals
- > LAN
- > Cloud



- > Secure access to cloud applications
- > Secure access to virtual desktop infrastructures (VDI)
- > Secure network logon
- > Secure access to web portals
- > Advanced security applications, such as pre-boot authentication and digital signing

Native Identity Federation

With embedded SAML support, organizations can utilize identity federation to extend enterprise identities to the cloud and offer federated login and single sign on to all their SaaS applications, eliminating password fatigue, and ensuring a robust extensible authentication framework. Beyond identity federation, cloud access management offers cloud single sign-on (cloud SSO) and granular access control policies to be applied each time a user accesses a cloud-based service.

Choice of Delivery Platforms

Available on-premises or as a service delivered from the cloud, Gemalto's authentication and access management solutions eliminate upfront investments and offer multi-tier, multi-tenant architecture, as well as subscription-based pricing, for both delivery options.

Broad Range of Authentication Methods

Gemalto provides organizations optimal flexibility with a variety of form factors and authentication methods, including software, hardware, smart cards, USB, and OTP authenticators. When deployed side by side, these address different use cases, assurance levels, and threat vectors, depending on employee usability requirements and the organizational duties of different user groups.

Lower TCO

By providing fully automated workflows, native identity federation, subscription-based pricing, and a range of authentication methods—together with dozens of prevalidated integrations with leading brands' solutions—Gemalto's future-ready platforms provide a lower TCO, while ensuring flexibility and scalability.

Supported Authentication Methods

- > One-time passcodes (OTP)
- > Out-of-band (OOB) via push notification, SMS and email
- > Context-based authentication
- > PKI certificate-based authentication
- > Pattern-based authentication

Available Form Factors

- > Hardware tokens (USB, key fobs and smart cards)
- > Bluetooth Smart PKI readers
- > Software tokens
- > Phone-as-a-token

Management Platforms

- > SafeNet Trusted Access
- > SafeNet Authentication Service
- > SafeNet Authentication Manager

About Gemalto's SafeNet Identity and Access Management Solutions

Gemalto offers one of the leading portfolios of enterprise security solutions, enabling its customers to benefit from industry-leading protection of data, digital identities, payments and transactions - from the edge to the core.

Gemalto's SafeNet Identity and Access Management Solutions enable enterprises across many verticals, including major financial institutions and governments, to utilize access management, PKI credential management, strong authentication and identity management solutions to secure access to sensitive resources and protect digital interactions. Through these solutions, Gemalto helps organizations achieve compliance with stringent data privacy regulations and ensure that sensitive corporate assets, customer information, and digital transactions are safe from exposure and manipulation in order to protect customer trust in an increasingly digital world.



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