



# Authentication Solutions

**VERSATILE AND INNOVATIVE  
AUTHENTICATION SOLUTIONS TO  
SECURE AND ENABLE YOUR BUSINESS**



# SafeNet Strong Authentication and Transaction Verification Solutions

## The Upward Spiral of Cybercrime

As more and more daily business practices are conducted online, organizations are faced with the increased challenge of ensuring that only authorized users carry out transactions and access their most sensitive online resources.

- Businesses are tasked with protecting access to a proliferation of network and web-based applications amid a rapidly changing security landscape where employees have numerous credentials and use an increasing range of mobile and portable devices to access sensitive data and systems.
- Companies that carry out online business and transactions with customers and partners need to offer secure access to sensitive online resources and transaction security, but face an escalating spiral of cybercrime, which threatens to undermine their fundamental ability to operate effectively and efficiently.

Faced with this increasingly complex security setting, organizations need to ensure they have the security mechanisms and management tools in place that will allow them to ensure secure authorized entry to their systems, gain visibility into the end-point devices used to access these systems and validate the integrity of online transactions.

## Maintaining Security Controls in the Face of Growing Complexity

SafeNet, recognizing the growing complexity of maintaining security controls in this diverse landscape, offers organizations integrated product suites for ensuring authorized access and managing all multi-factor authentication operations for employees who need to securely access on-premise and cloud-based applications and for customers and partners who do business online.

SafeNet's award-winning solutions provide an extensible comprehensive foundation for securing an organization's strong authentication and transaction verification needs – today and tomorrow.



# One Server – Multiple Solutions

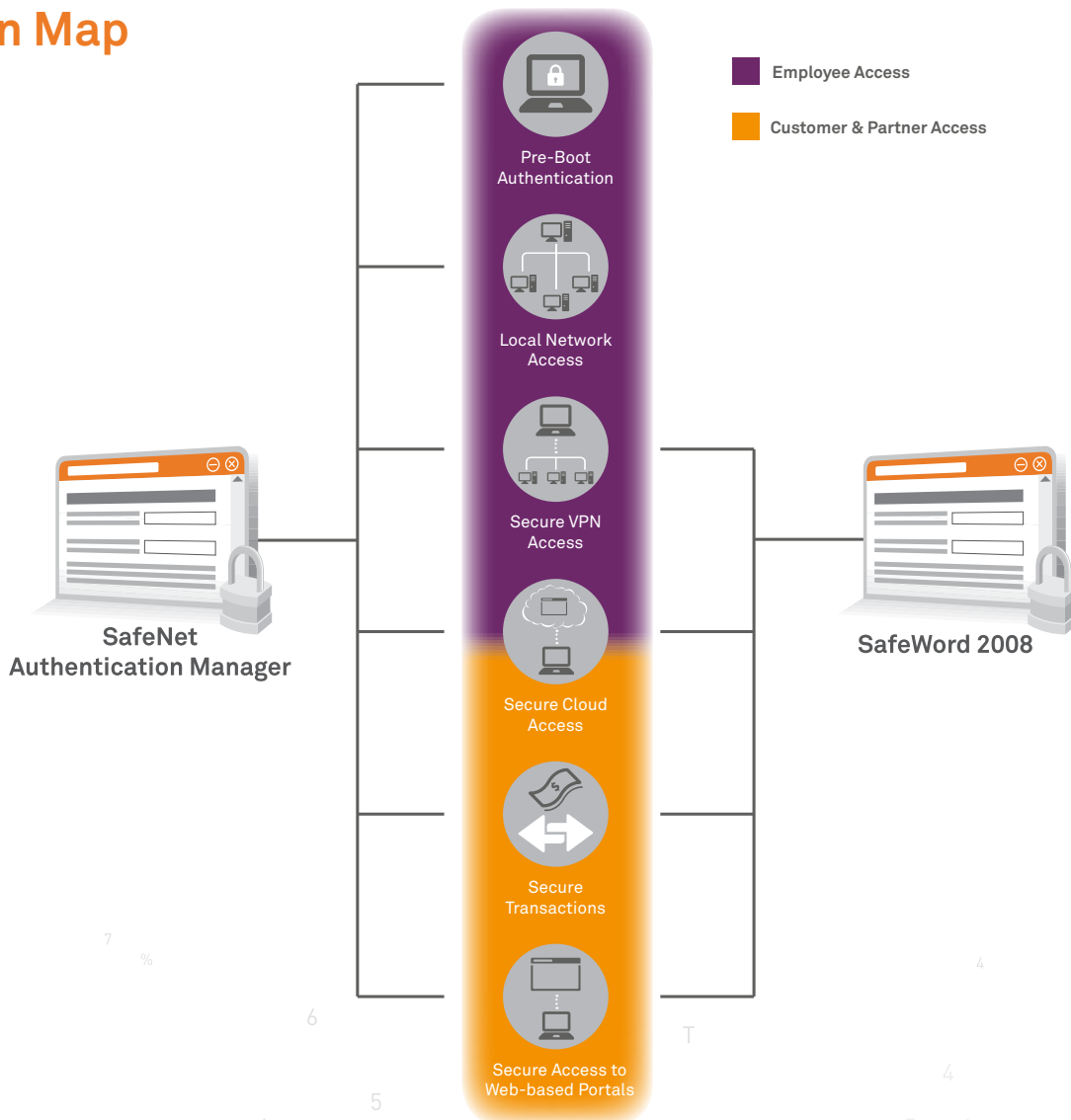
Offering flexible management platforms, the broadest range of strong authentication methodologies and form factors, transaction verification capabilities as well as identity federation and single sign-on, SafeNet solutions create a future ready security foundation that allows organizations to adopt a modular, forward looking identity management strategy, ensuring that their security control needs are met as new threats, devices and use cases evolve.

Moreover, SafeNet's innovative implementation of federation technology allows organizations to leverage the same SafeNet server that manages their entire access control environment for securing access to cloud applications as well.

This comprehensive approach means organizations can proactively manage their strong authentication and transaction verification needs while gaining significant benefits:

- **Lower TCO:** Organizations need only deploy one management server that serves as a single infrastructure for a range of secure access solutions for on-premise and cloud applications. This approach enables IT departments to seamlessly extend access security to as many applications as they need as user needs and threat landscapes change, without having to invest in additional software or hardware.
- **Greater flexibility and scalability:** Support for a wide range of authentication and transaction verification methods and form factors creates a versatile authentication solution that allows organizations to use a single platform to address numerous user needs and risk levels by deploying different authentication methods – or adding them - side by side, as required.
- **Pro-active security preparedness:** SafeNet's extensible approach together with ongoing investment in technological innovation, provides organizations the assurance they need that the solution they are deploying meets their present needs, while providing them a solid basis to meet the challenges of a rapidly evolving security landscape.

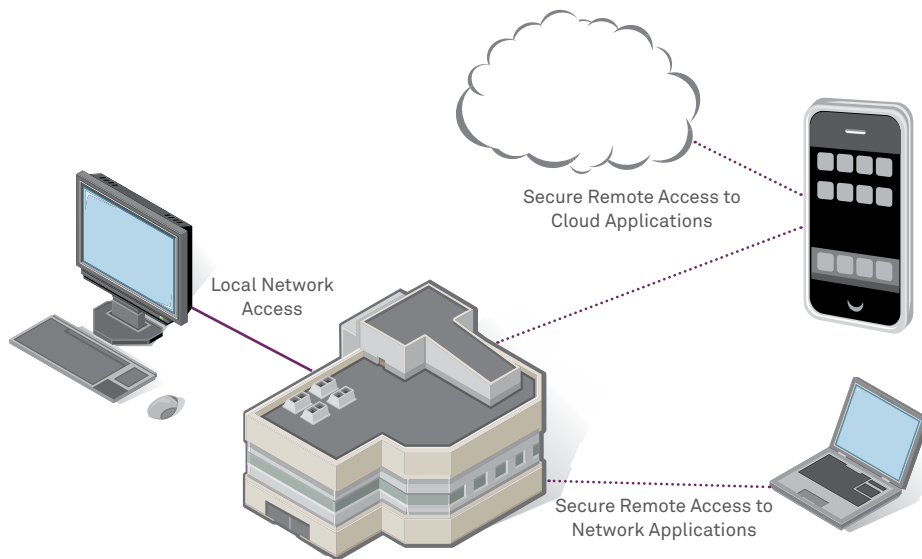
## Solution Map



# The Path to Proactive Security and Comprehensive Controls

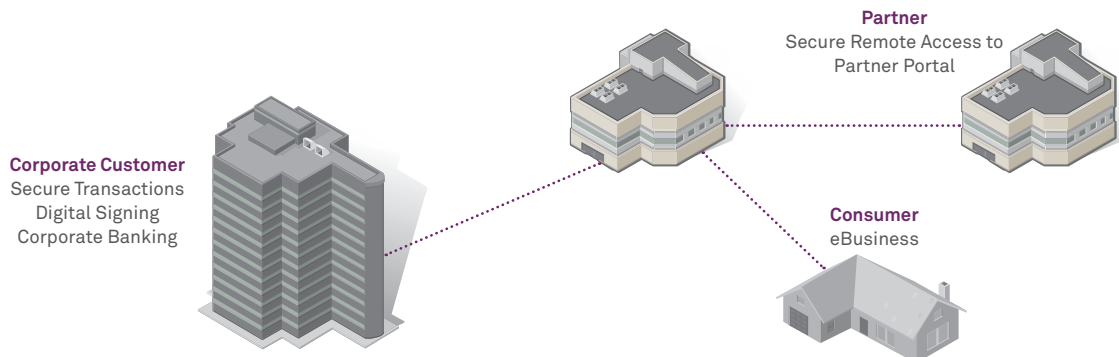
## Integrated Approach for Secure Employee Access

In today's evolving business environment employees use tablets, smart phones and other mobile devices to access a broad range of applications. Organizations therefore, face the challenge of keeping track of an increasing range of end-point devices and managing controls for mobile and on-premise users who access a multitude of corporate resources: web portals, cloud applications, network applications, email and CRM platforms.



## Mitigating the Risks of Identity Fraud and Data Loss for Online Customers and Partners

Alongside the need to provide secure access controls for employees, organizations face a different set of risks when it comes to opening up their data centers and online portals to customers and business partners. Here, the challenge is dealing with the rapid escalation of cybercrime, in the form of phishing and malware, which expose businesses to financial losses due to data breaches and online fraud, and results in lower customer confidence in doing business online.





# Product Overview

Offering strong authentication for secure remote and network access for employees, as well as transaction verification and digital signing, Safenet's solutions allow you to secure applications residing in your data center and the cloud.

## OTP Authenticators



### eToken PASS

The eToken PASS is a One-Time-Password (OTP) authenticator that offers two-factor strong authentication in detached mode. eToken PASS is available in both time and event based versions.



### GOLD

GOLD is an event-based One-Time-Password (OTP) strong authentication device that supports challenge response functionality which offers an additional layer of security by generating the OTP only after users enter a PIN code on the token keypad.

## Certificate-Based Authenticators



### eToken PRO

The eToken PRO is a smartcard USB authenticator that provides two-factor strong authentication, advanced security applications, digital signatures and cost-effective password management.



### eToken PRO Anywhere

The eToken PRO Anywhere is a clientless smartcard USB authenticator that leaves zero footprint on end-user computers. It combines the strength of certificate-based strong two-factor authentication with the plug-and-play simplicity and mobility of OTP.



### iKey 4000

The iKey 4000 is a smartcard USB authenticator that offers multi-factor authentication with optional match-on-card biometric functionality.



### eToken PRO Smartcard

The eToken Smartcard is a credit card form factor authenticator that supports password management, digital signatures, and advanced security applications.

## Hybrid Authenticators



### eToken NG-OTP

The eToken NG-OTP is a hybrid USB authenticator that supports both One-Time-Password (OTP) and certificate-based authentication.



### eToken FLASH

The eToken NG-FLASH is a certificate-based strong authentication USB device with on-board encrypted storage. eToken NG-FLASH is available in various sizes ranging from 2GB to 16 GB.



### eToken FLASH Anywhere

The eToken NG-FLASH Anywhere is a clientless certificate-based strong authentication USB authenticator with on-board encrypted storage. eToken NG-FLASH Anywhere is available in various sizes ranging from 2GB to 16 GB.

## Software Authenticators



### MobilePASS

MobilePASS is a software-based One-Time-Password (OTP) authenticator that combines the security of two-factor strong authentication with the convenience of one-time passwords generated on personal mobile devices or PCs. MobilePASS also supports OOB (out-of-band) delivery of passcodes via SMS and email.



### eToken Virtual

eToken Virtual is a certificate-based two-factor authentication solution which provides full PKI functionality such as secure remote access, network access and digital signing in a software-based solution.



2009 SC Magazine  
"Best Buy" 5-Star  
Rating



Network Product  
Guide's  
Best in Tokens



2009 WindowSecurity.com  
Reader's Choice 1st  
Runner Up

# Key Benefits

## Single Server – Multiple Solutions

- Lower TCO
- Easier IT deployment
- Multiple form factors: software, hardware
- Multiple authentication methods: certificate-based, OTP, transaction signing, OOB

## One Server for On-premise and Cloud Access

- Identity federation and single-sign-on is embedded into SafeNet authentication servers, so no need to deploy additional servers or software in order to extend strong authentication to the cloud

## Dedicated solutions for out of the box OTP deployment

- Integrate easily with all backend systems
- Easy installation
- No dedicated hardware needed

## About SafeNet

Founded in 1983, SafeNet is a global leader in information security. SafeNet protects its customers' most valuable assets, including identities, transactions, communications, data and software licensing, throughout the data lifecycle. More than 25,000 customers across both commercial enterprises and government agencies and in over 100 countries trust their information security needs to SafeNet.



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