

# Multi-Factor Authentication (MFA)

For companies that take authentication seriously,  
SecurEnvoy takes MFA to another level.

Simply. Effectively. Flexibly.



For nearly 20 years we have been at the forefront of  
MFA innovation, proven with 1000s of customers.



"Multifactor authentication is a time-tested approach that has now come of age. Organizations recognize that they face an increasing threat from the compromise of password-based credentials; knowledge-based authentication simply doesn't provide an adequate level of protection against those threats. Push-based authentication using smartphones is both simple for end users and cost-effective for the organization."

**Source: IDC**



## Multi-Factor Authentication part of the SecureIdentity Suite

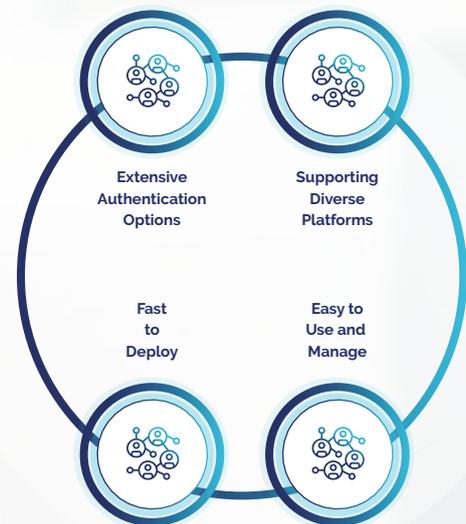
**Passwords alone are not strong enough to protect your business-critical data and assets.**

In today's online environment, the rudimentary "username and password" approach to security is easy prey for cyber criminals. Many logins can be compromised in minutes leaving private data, and ultimately business assets, under increasing threat.

**SecurEnvoy Multi-Factor Authentication (MFA) supplements the username and password model with an additional layer of security.** It can be deployed across multiple different platforms, on premise and in the cloud, and integrates seamlessly with existing infrastructures.

### Flexible authentication, platforms and integrations

SecurEnvoy MFA provides an extensive range of authentication solutions ranging from phone apps to biometrics, smart cards, and real-time SMS. Powerful MFA that allows you to select the specific authentication means by type of device and user.



Our Multi-Factor Authentication is available for VPN, Remote Desktop, Web portals, Public Cloud Applications, and Server/Workstation logons.

Seamless integration with Microsoft's Active Directory and other LDAP solutions makes use of existing authentication database infrastructures, avoiding the need to re-architect, deploy, backup and manage a secondary user database.

### Your user's experience is vital – embracing security with simplicity is key

Security measures such as 2FA and MFA are only effective if they are easy to adopt. The minute they become a burden to your business's productivity or processes, they will negate their ultimate purpose – to make life simpler for you and your users.

SecurEnvoy MFA allows you to choose and set up any personal device for authentication while moving seamlessly between devices – without compromises. Easy to use, users can approve authentication attempts by accepting a push notification on a smartphone, or through biometric approval, for example.



**10 mins**  
Advanced MFA deployed  
in a matter of minutes

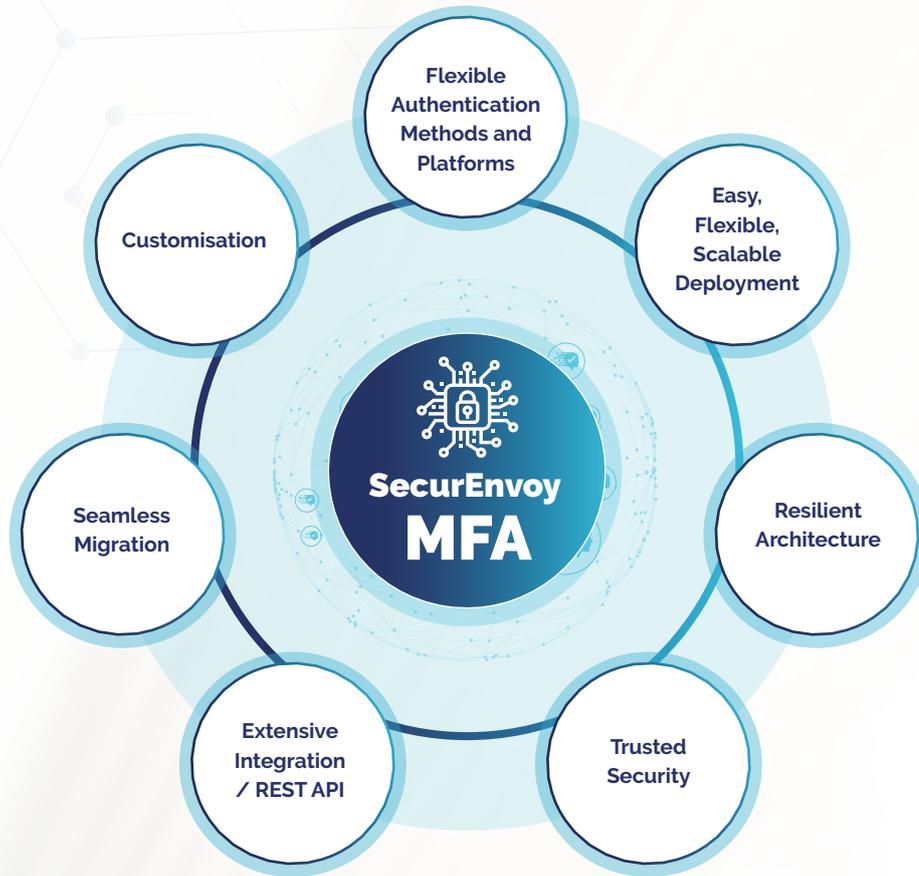


**Scales from**  
10 to 500,000+ users



**Deploy 100,000**  
users per hour

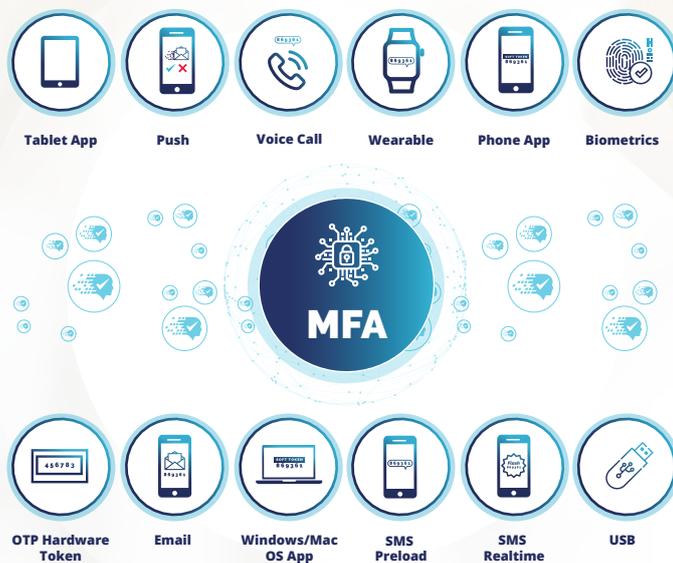
# Authentication security second to none, with simplicity for user and manager



## Flexible Authentication Methods and Platforms

We believe users should be able to choose any personal device to be their authentication token, whether it is their mobile phone, tablet, laptop or even their desk phone. Users should be able to seamlessly move their single identity between these devices without leaving their identity behind on obsolete technology.

SecurEnvoy's flexible authentication options can fulfil a wide range of different users' requirements. You control which token types are used by your employees, including selection and control via a brandable self-enrolment portal.





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**SecurEnvoy**

A Shearwater Group plc Company

“What I love about SecurEnvoy MFA is how easy it is to administer, our global service desk manages the password administration which can also be accessed by the technical teams in each country and as all employees have a mobile phone there is no need for any additional hardware.”

**Tim Coghlan, Technical Analyst at Aspen Insurance**

“By deploying SecurEnvoy MFA we were able to enhance the user experience. The fact that we were able to reduce the cost and administration overhead as well was a bonus.”

**Dave Mansfield, Hertfordshire County Council**

## Easy, Flexible, Scalable Deployment

### Flexible deployment options

SecurEnvoy MFA has deployment options to suit any business - on-premise, private cloud or a fully managed CSP solution in either independent or industry recognised IaaS environments like Amazon AWS and Azure.

### Integrates seamlessly with existing data repositories

The challenge of deploying any MFA solution to a user community is the method in which users are notified and enrolled. Applying SecurEnvoy's seamless integration into the Enterprise LDAP environment, our MFA solution uses "Automatic Group Deployment" to monitor selected LDAP groups for any new or removed users, issuing an enrolment invite via the chosen method i.e. SMS or Email or placing the user into an unmanaged state when removed from the LDAP environment.

### SecurEnvoy can deploy more than 100k users per hour

SecurEnvoy's MFA is easy to deploy in a matter of minutes and is scalable from 10 users to over 500,000 users, suitable for organisations both large and small, and giving flexibility to grow.



### Resilient Architecture

SecurEnvoy MFA deployments are focused primarily on delivering a highly available and resilient distributed server architecture with seamless replication of configuration as all data is stored directly in LDAP. This includes SecurEnvoy MFA's ability to use a mixed LDAP environment (includes AD LDS), thereby supporting a fully heterogeneous environment consisting of multiple authentication domains across distributed sites.

### Trusted security that puts you in control

Cryptographic keys, called seed records are inherent in the communication of any MFA solution, commonly generated and distributed by a server in the enterprise or cloud when issuing one-time passwords (OTPs) to clients.

SecurEnvoy's solution uniquely splits the keys as to only store one part on the user device. The second half is generated from a HW fingerprint when the SecurEnvoy application is run. This approach provides additional security and copy protection for the seed record.

The SecurEnvoy solution uses AES 256-bit to store securely within the enterprise directory environment.

## Extensive Integration

### Feature rich integrations with wide ranging technologies

- Windows Server Agent offers the ability to secure any IIS hosted websites (e.g. OWA, SharePoint or customer web application).
- Support in delivering MFA to public SaaS or SAML authentication-based applications.
- Windows Logon Agent extends MFA to domain joined laptops in an online or offline state.
- RADIUS with individual configuration for each client allows integration for all major SSL/IPSEC based security appliances.

### Open APIs

SecurEnvoy's Open APIs give software developers direct access to information and configuration controls of the MFA environment. Built using the Representational State Transfer (REST) framework, SecurEnvoy's Open APIs enable you to automate the creation and modification of users, including the authentication via a HTTP web call.

### Seamless migration

Supports seamless migration from existing authentication solutions. The migration feature allows users to be migrated to a SecurEnvoy solution from a password-only or an existing token solution. Once configured, users can be migrated in stages as required, allowing a smoother transition and onboarding process.

Use of Microsoft Active Directory and LDAP helps avoid re-architecting and managing a secondary user database.

### Customisation

SecurEnvoy MFA provides customisation support for any end user portals and mobile interfaces. You can create seamless, branded environments, choose a custom colour, and add your logo for a consistent customer experience.

**SecurEnvoy has been at the forefront of MFA innovation for nearly 20 years. Our MFA is a simple, effective and flexible solution, proven and trusted by 1000s of customers worldwide.**

# Comprehensive SecurEnvoy MFA – what else can MFA do for you in your business?



"The COVID-19 pandemic has suddenly hastened the move toward remote work and thus the need to implement secure remote access for large workforce populations. Security and risk management leaders should invest in MFA and access management for all kinds of remote access, and plan for rapid scaling."

Source: Gartner

## Into the future Multi-Factor Authentication

**The threat landscape for businesses, local governments and other organisations is constantly evolving and changing shape. So at SecurEnvoy, we are working on tomorrow's solutions, today.**

We have been at the forefront of MFA development for two decades, with 1000s of customers worldwide and a strong technical team providing outstanding innovation and support. We focus our development around business applications, with the flexibility to meet customer needs, and are committed to driving future innovation that delivers business results alongside robust technical solutions.

In 2003 we brought the first-ever tokenless two-factor authentication product to market and continue to lead today with a flexible and simple MFA solution, backed by an extensive range of integrations, to meet the specific needs of different organisations and requirements.

As we move forward, we are continuing to wrap ever more detailed location definitions into our solutions and providing increased intelligence to qualify the user, device and location alongside the data - delivering our customers more control and peace of mind.

Our SecureIdentity & Protection Suite brings together cutting edge Identity & Access Management and Data Loss Prevention to ensure all round, greater protection of users, devices and data, wherever they are located.

**It is all part of our dynamic and ongoing culture of innovation.**

# The SecureIdentity & Protection Suite

The SecureIdentity & Protection Suite allows organisations to provide verifiable trust in every activity they perform.

By providing the identity of the user, the device and the data they are working on you can monitor and prove exactly who is doing what at any time.

## The SecureIdentity & Protection Suite

Data Loss  
Prevention



 **IRAD**  
Intelligent Reporting  
& Anomaly Detection



Identity  
& Access  
Management

Data Discovery  
Essentials



Multi-Factor  
Authentication

## Let's Talk

Talk to our experts today for a No-hassle,  
No Obligation Consultation.

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