



SecurEnvoy

A Shearwater Group plc Company

Identity Beyond Boundaries

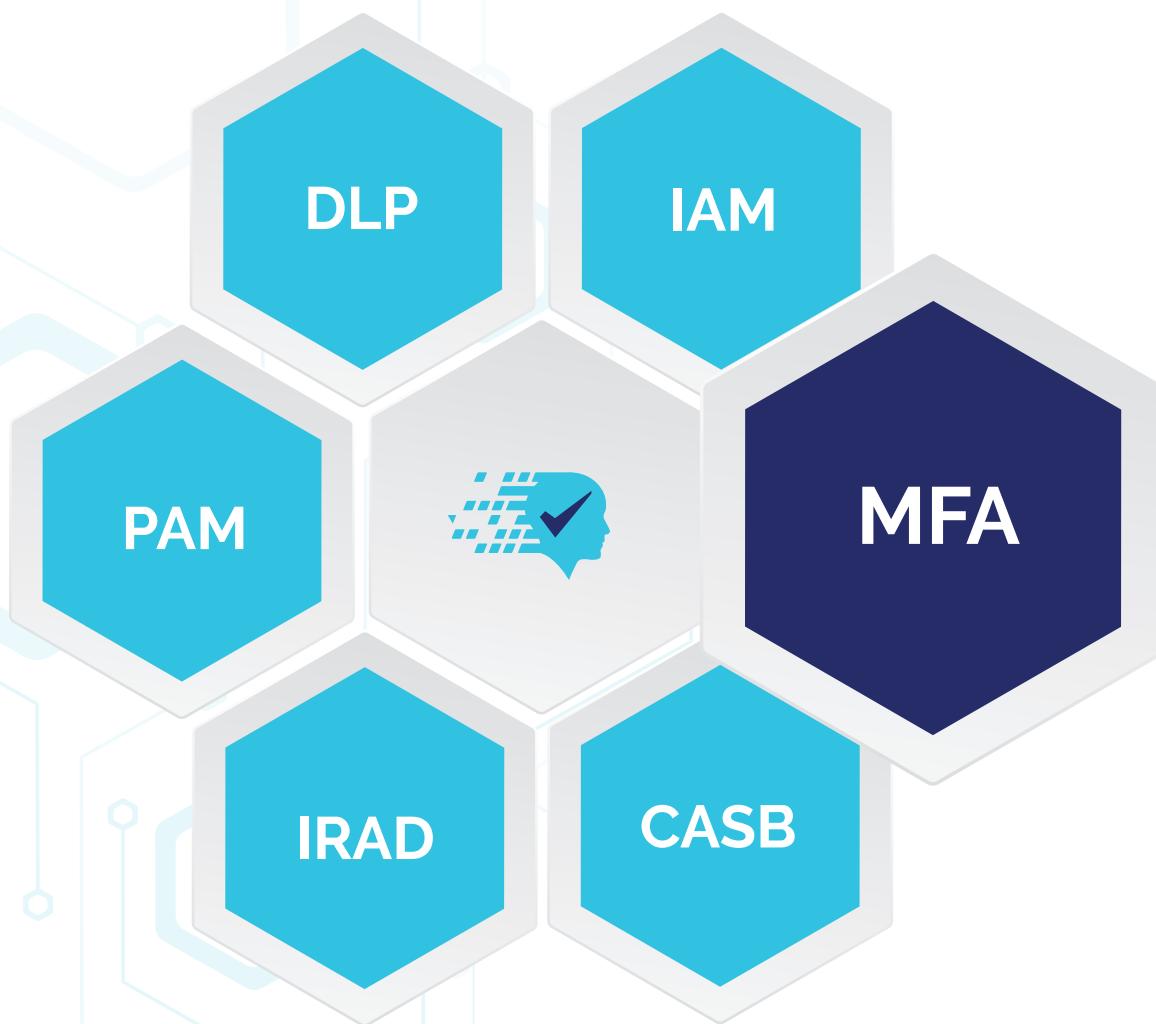
The SecureIdentity Platform **Multi-Factor Authentication (MFA)**



Introducing the SecureIdentity Platform

The SecureIdentity Platform allows organisations to provide verifiable trust in every transaction they perform. By providing the identity of the user, the device and the data they are working on you can prove exactly who is doing what at any time.

This ensures compliance within the corporate policy, reduction of risk of fines and protection of your vital intellectual property and business assets.



Building upon the success of our leading on-premise MFA solution, SecurEnvoy's vision is to bring additional software technologies to market, allow corporations to understand the identity of the user, identity of the device and identity of the data. This intelligence will provide detailed context and behavioural analysis of the user, the device and the data they interact with.

Multi-Factor Authentication (MFA)

Multi-Factor Authentication for VPN, SSL, Remote Desktop, WiFi, Web portals, laptop access and other solutions.

Passwords alone are not strong enough to protect your business-critical data and assets. SecurEnvoy Multi-Factor Authentication provides the security of user identity by verifying that a person is who they claim to be.



Utilising:

- 1) Something the user knows (Password/PIN)
- 2) Something they have (Software/Hardware Token)
- 3) Something they are (Biometric/ Facial Recognition).

SecurEnvoy's MFA solution integrates seamlessly with Microsoft's Active Directory and other LDAP solutions, reutilising the enterprises existing authentication database infrastructure, avoiding the need to re-architect, deploy, backup and manage a secondary user database.

Authentication Types

SecurEnvoy 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 various authentication methods allow for a comprehensive fulfilment of different users requirements. Companies have the ability to control what token types should be used by their employees, including selection and control via brandable self-enrolment portal.

Security

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 (OTP's) 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 copy protection for the SEED record, as the user device is deemed to be a larger attack vector, as it resides in a more hostile environment. The SecurEnvoy solution uses AES 256-bit to store securely within the enterprise directory environment.

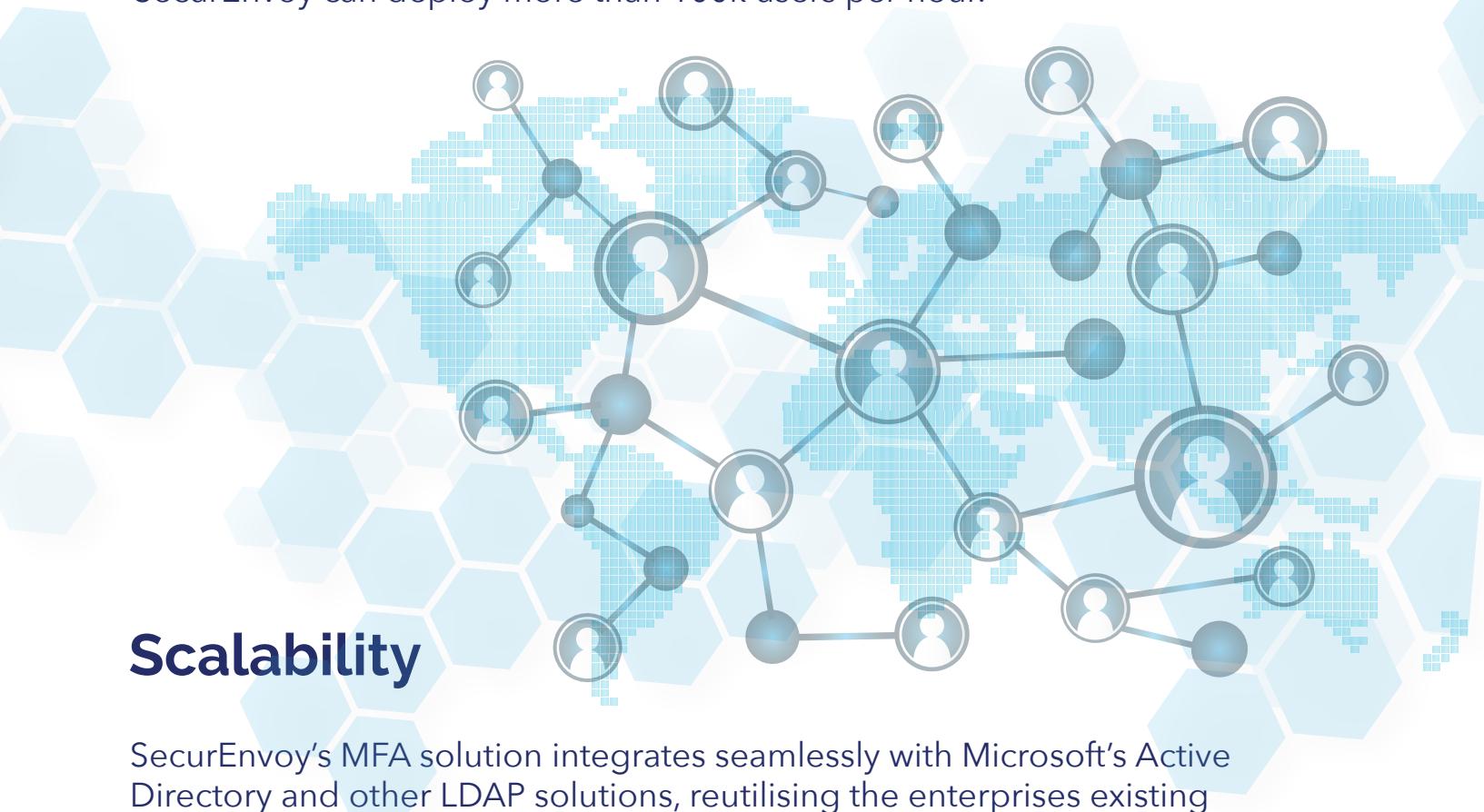
Solution Deployment

SecurEnvoy MFA offers deployment options to suit any business, with an On-Premise, Private Cloud or fully managed CSP solution in either independent or industry recognised IaaS environments like Amazon AWS and Azure.

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 utilises "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 user into an unmanaged state when removed from LDAP environment.
SecurEnvoy can deploy more than 100k users per hour.

Scalability



SecurEnvoy's MFA solution integrates seamlessly with Microsoft's Active Directory and other LDAP solutions, reutilising the enterprises existing database infrastructure, avoiding the need to re-architect and manage a secondary user database.

SecurEnvoy is able to use a mixed LDAP environment (includes AD LDS), thereby supporting a fully heterogeneous environment consisting of multiple authentication domains across distributed sites.

SecurEnvoy MFA deployments are focused primarily on delivering a resilient and distributed server architecture with seamless replication of configuration as all data is stored directly in LDAP.

Integration

SecurEnvoy MFA supports various interfaces to support countless SaaS or on-premise applications or network connectivity that require securing.

- ✓ Windows Server Agent offers the ability to secure any IIS hosted websites (e.g. OWA, SharePoint or customer web application).
- ✓ Support for ADFS 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.



Migration

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.

Customisation

SecurEnvoy offer customisation support to any end user portals and mobile interfaces. This allows corporations to create seamless, branded environments. Choose a custom colour and add your logo for a consistent customer experience.

API

SecurEnvoy's Open APIs allow 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 enables you to automate the creation and modification of users, including the authentication via a HTTP web call.



Identity Beyond Boundaries

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Global Hubs

LONDON

MUNICH

NORTH SYDNEY

CHICAGO

NEW YORK

BASINGSTOKE

SALES

sales@securevoy.com

WEBSITE

www.securevoy.com



SecurEnvoy HQ, 1 King William St, London EC4N 7AF
Company No. 04866711 VAT Number GB 862076128

Trading Subsidiaries

SecurEnvoy Ltd
SecurEnvoy GmbH
SecurEnvoy Inc.