



# SecurEnvoy

A Shearwater Group plc Company

## Identity Beyond Boundaries

### The SecureIdentity Platform **Authentication as a Service (AaaS)**

AaaS

# 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.

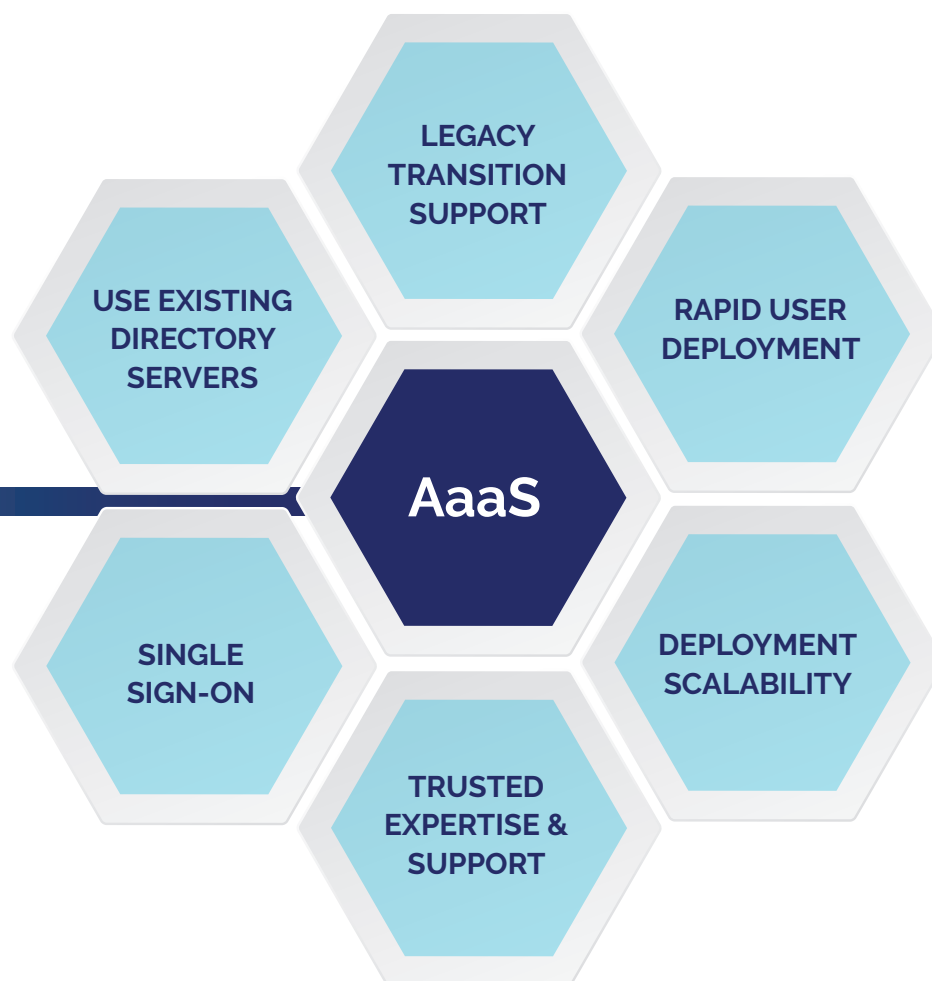
This ensures compliance within the corporate policy, reduction of risk of fines and protection of your vital intellectual property and business assets



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.

# Authentication as a Service (AaaS)

Our release of Authentication as a Service extends the current capability of our successful MFA solution for cloud-based applications. With companies having a cloud first strategy, they can now embrace a SecurEnvoy MFA solution as part of their digital transformation to a more cloud centric model.



SecurEnvoy Authentication as a Service provides secure, reliable and easy to use MFA to cloud-based applications, such as Office 365. It also eliminates the overhead of infrastructure management and operational uptime. Companies can now concentrate on business needs, without the burden of administering Application and Operating system software and security updates.

# AaaS Core Features

## USE EXISTING DIRECTORY SERVERS

Through our Cloud connector agent, companies still have control of all user data that exists in their own environment. The Cloud connector agent allows direct interaction over a secure tunnel for user authentication of cloud-based applications, with the additional benefit, that user accounts are not replicated outside of the company's network.

## LEGACY TRANSITION SUPPORT

The Cloud connector agent provides extra functionality to support Legacy Radius based environments. Companies can now work on their transition plans to migrate from a remote access strategy to a cloud first strategy without service interruption.

## SINGLE SIGN-ON

SecurEnvoy Authentication as a Service provides federated access into public cloud-based applications. We provide users with a seamless secure logon experience, utilising our trusted MFA solution, with a breadth of supported authenticator types.

## RAPID USER DEPLOYMENT

Deploy SecurEnvoy Authentication as a Service at speed with simple integration options and onboard and enable users with our pre-built Group Deployment. Leveraging Microsoft Active Directory Groups can automatically enable users.

## DEPLOYMENT SCALABILITY

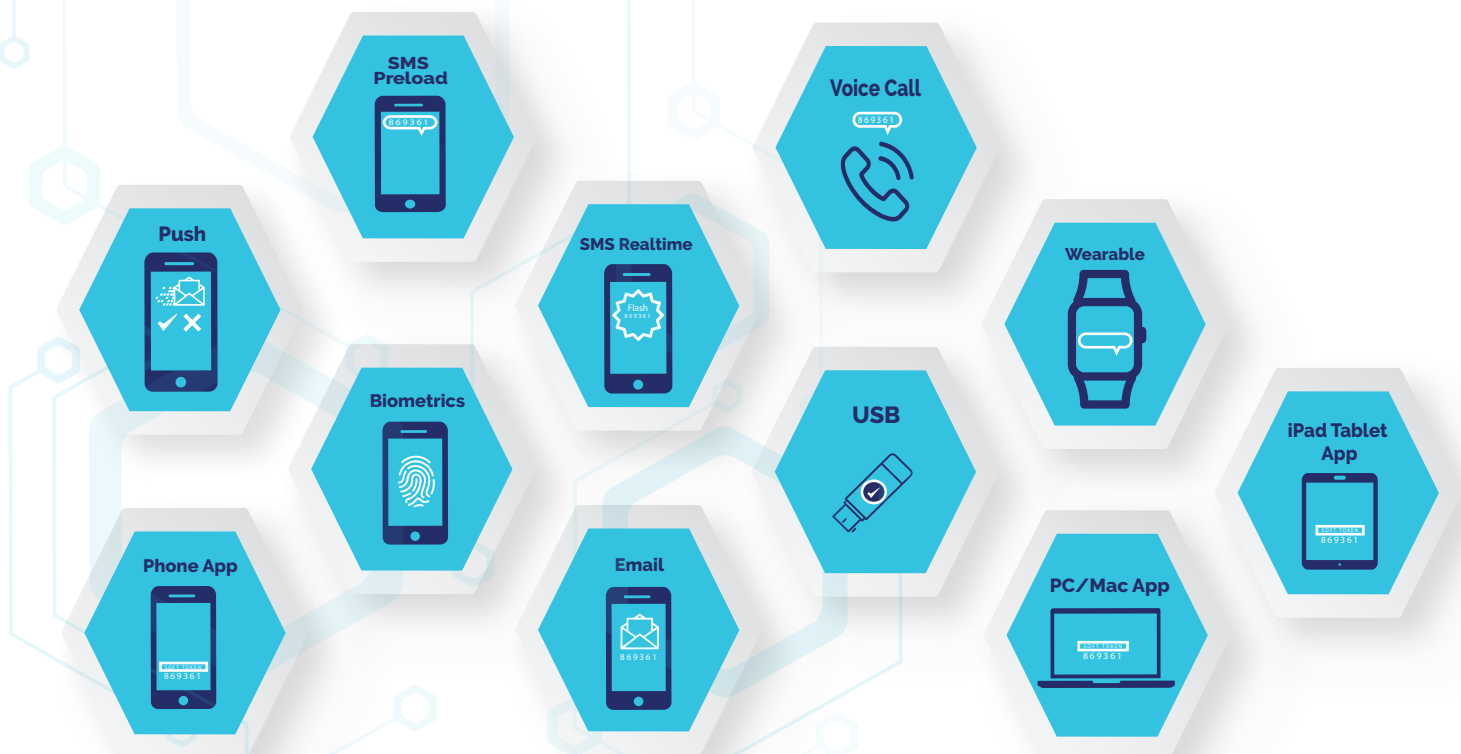
Our MFA solution is designed to scale as your business grows, utilising existing authentication database infrastructure, avoiding the need to re-architect, deploy, backup and manage a secondary user database. Whether you have one or thousands of users, our module deployment can scale in minutes.

## TRUSTED EXPERTISE & SUPPORT

Our customers recognise our stellar support team and response rate for any issues that may arise. We offer direct user portal access, temporary access codes and many automated features to securely assist any business in reducing overhead and costs.

# 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.

# Key Solution Benefits

## Authentication as a Service 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 so that on the user device only one part is stored. 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 Architecture

SecurEnvoy Authentication as a Service is deployed in Amazon AWS across multiple regions and availability zones. Amazon AWS provides fault tolerance as each region has multiple availability zones and data centres. SecurEnvoy have multiple servers per region to facilitate seamless scale and resilience. SecurEnvoy provide an industry standard of 99.99% operational up time, so corporations can work effectively without having to worry about any service interruption.

## AWS Security

AWS has the following security capabilities and services to increase privacy and control network access:

Network firewalls built into Amazon VPC and web application firewall capabilities in AWS WAF let you control access to the SecurEnvoy Authentication as a service instances and application. Customer-controlled encryption in transit with TLS across all services.

DDOS mitigation. Availability is of paramount importance in the cloud. AWS provide the benefit of automatic protection of AWS Shield. AWS Shield defends against most common, frequently occurring network and transport layer DDoS attacks.

## Office 365 Support

SecurEnvoy Authentication as a Service offers multi-factor authentication out of the box for Office 365. Including full support of both web and thick client (Modern Authentication) based access provides users secure application access to continue in their day to day business activities without any interruption.

## Migration

For customer's already utilising an existing "on-premise" SecurEnvoy MFA solution, migrating to the cloud is even simpler. As the same user data repository and encryption is used, customers can progress to a Cloud service with minimal configuration changes and little to no impact on users.

## Ease of Use

End User ease of use is instrumental in the successful adoption of any authentication solution. Whether a simple to use push notification via a smartphone application or a zero footprint SMS OTP, SecurEnvoy is simple and straightforward for all users, irrelevant of their technical aptitude.





# Identity Beyond Boundaries

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### SALES

[sales@securenvoy.com](mailto:sales@securenvoy.com)

### WEBSITE

[www.securenvoy.com](http://www.securenvoy.com)



**SecurEnvoy**  
A Shearwater Group plc Company

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

### Trading Subsidiaries

SecurEnvoy Ltd  
SecurEnvoy GmbH  
SecurEnvoy Inc.