



# SecurEnvoy

A Shearwater Group plc Company

## Identity Beyond Boundaries

# The SecureIdentity Platform Identity and Access Management (IAM)



# 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.

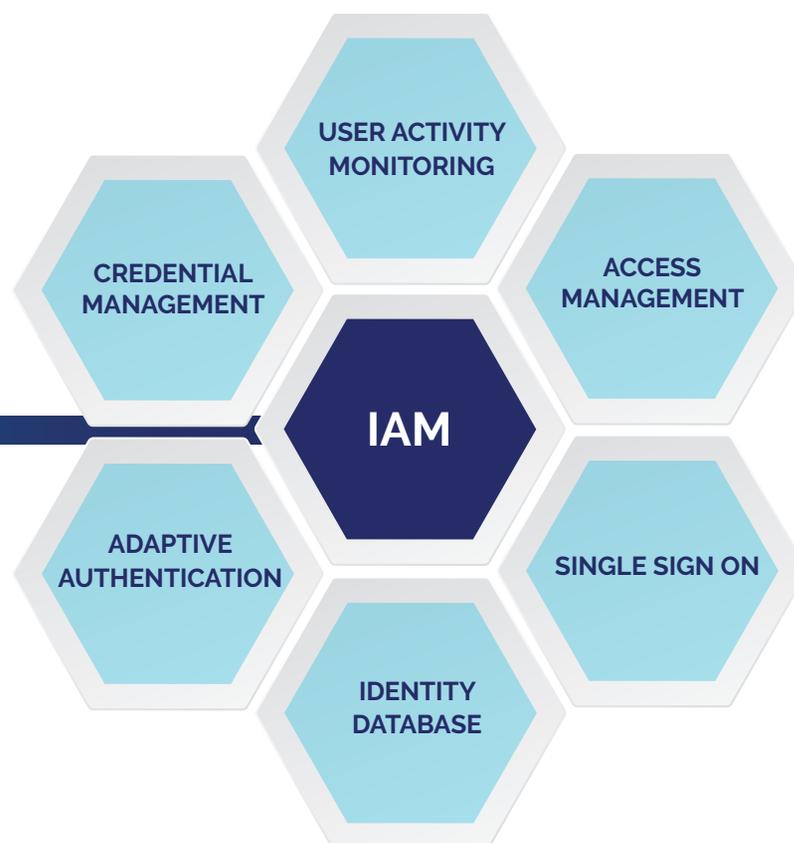
This ensures compliance within the corporate policy, reduction of risk of fines and protection of your vital intellectual property and business assets.



Building upon our success of a 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. The intelligence will provide detailed context and behavioural analysis of the user, the device and the data they interact with.

# What is Identity and Access Management (IAM) and why do you need it?

The SecureIdentity IAM module is used to put the decisions made by the Universal Directory into action. With users sorted into groups and departments, this part of the solution assigns the controls about what programs they can run and what data they are able to access.



It provides a set of controls that allow various levels of intervention, from simply logging a user action you wish to be aware of, through to blocking harmful actions automatically. By doing this, security can be enhanced by blocking systems such as Shadow IT where users install their own software to get around corporate policy and by enforcing strong data boundaries and separation of duties.

The SecureIdentity IAM module provides enforcement of access decisions around applications and data repositories. By reading information from the Universal Directory, it can make dynamic choices as to what programs a user is allowed to run and what file servers or cloud storage areas they are allowed to access.

This is enforced by a client on the endpoints that intercepts requests for access to applications or data areas and vetting them against the configured policy. If the action is allowed, then the user experience continues as normal with no overhead. If the action is forbidden, then access to the appropriate executable or DLL files is dynamically blocked regardless of how it is invoked.

Logs of all events are sent back to the platforms event database to provide a forensic trail of activity. This ensures that user activity can be fully tracked in the event of an incident to provide both the ability for machine learning from that activity and evidence in the case of disciplinary action being required.



# IAM Core Features

## CREDENTIAL MANAGEMENT

Managing the identity of the users, the locations to be accessed and resources available resides within the secure credential management repository, a location for the storage of the user's credentials, permissions and controls.

## ADAPTIVE AUTHENTICATION

Adapting the authentication level to each circumstance. Extended from the typical single sign on, adaptive takes it to the next level allowing users to seamlessly authenticate, access and utilise resources in recognition of a previous authentication combined with their location and type of known device.

## USER ACTIVITY MONITORING

Employees need to work smartly, efficiently and get to information swiftly. The nature of access in itself means the organisation should know where users are visiting, what applications are being used and who is staying within the parameters they have been set. To achieve this, a form of monitoring using boundaries of what can be and can't be accessed is essential, for the smooth running and security of the enterprise.

## SINGLE SIGN ON

Single Sign-On (SSO) provides a low friction user experience and delivers one-click access to cloud, mobile and legacy apps.

## ACCESS MANAGEMENT

Granular, policy driven application-level access controls. Manage and control access to applications either on an individual or group level.

## IDENTITY DATABASE

Integration with a wide range of user repositories to create one global master directory. Centrally manage all users, groups and devices from one central console.

# SecureIdentity Identity and Access Management module

The SecureIdentity IAM systems provide reports to help organisations identify potential security risks and improve their IAM and security processes.

SecureIdentity IAM enables Directory Synchronisation so that users can be synced from other directories such as Office 365.

Through the Multi-Factor Authentication admin portal, the system administrator can configure Smart Factor authentication for users and prompt MFA. SecureIdentity IAM can support the following MFA types:

- 1) Yubikey
- 2) OTP Card
- 3) Android/ iOS Push with Biometric



# IAM Deployment

SecureIdentity IAM offers deployment options to suit any business, with a fully managed solution from SecurEnvoy to the ability to stand up multi-tenant cloud environments in your own environment or as an on premise private solution.

SecurEnvoy's IAM solution integrates seamlessly with Microsoft's Active Directory, Google Directory and enables Single Sign On across Open ID, SAML 2.0 or WS-FED compatible applications and sites. SecureIdentity IAM also supports various other technologies such as providing a Windows Logon Agent for physical device control and the ability to use many different software and hardware tokens to protect your identity.





# Identity Beyond Boundaries

## Let's Talk.

### Global Hubs

LONDON BASINGSTOKE

CHICAGO MUNICH

SALES

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SecurEnvoy is a wholly owned subsidiary of the London Stock Exchange listed digital resilience group, Shearwater Group plc. LSE: SWG



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