# Identity Management

Solution Brief

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Identity Management

A cost-effective, secure way to control access using trusted credentials. Manage authentication and authorisation across your user communities.

Key Points

Federate on Demand (FoD) is a solution suite that helps deliver Single Sign On for the authentication and authorisation of citizens, businesses and employees accessing multiple applications from internal and external Service Providers.

It enables users to access cloud, shared service and supply chain applications securely, by predominantly using the credential issued by their home organisation.
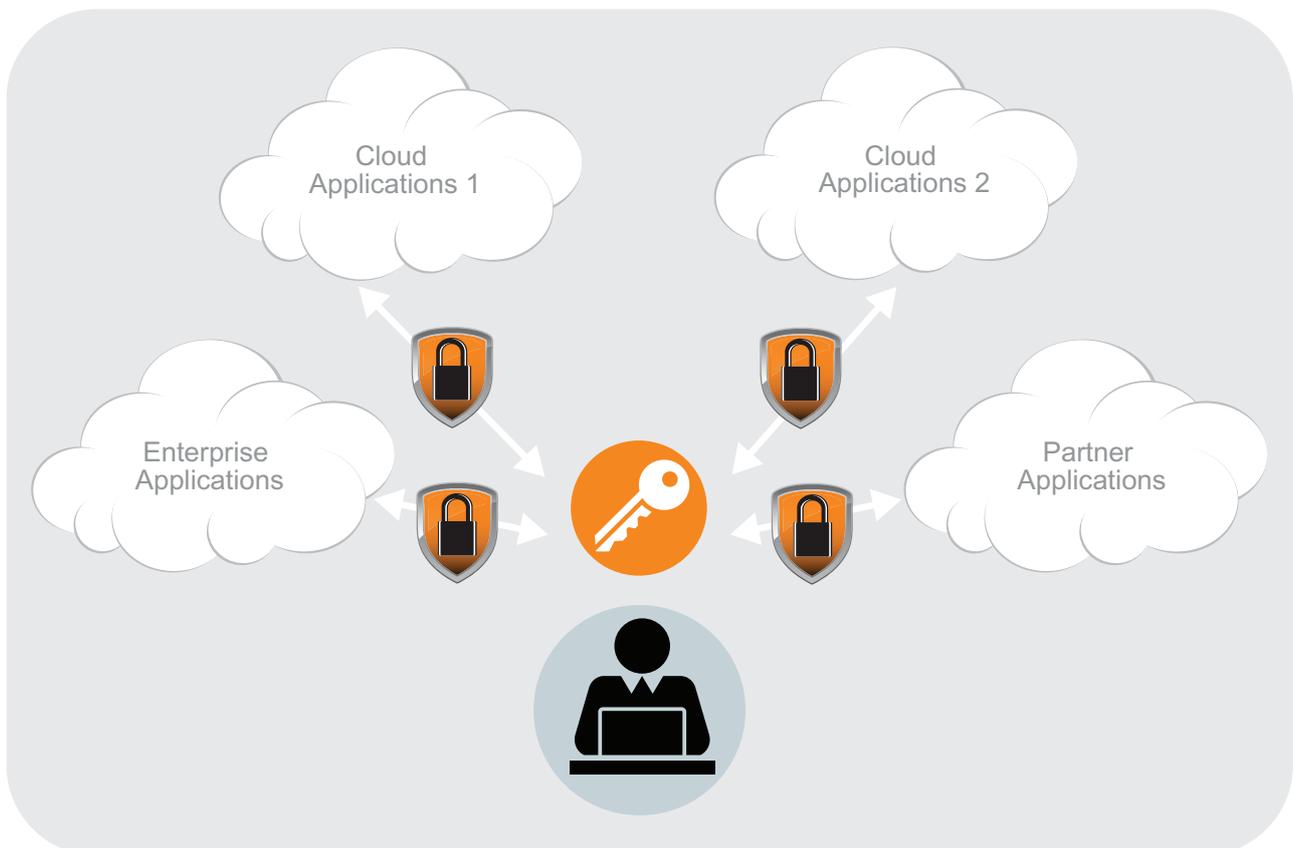
More cloud applications equals more credentials – the challenge

The need for better authentication is rapidly increasing with cloud computing, as more and more external applications are consumed. This often leads to users having many credentials of various types – passwords, pin and passwords, digital certificates, SMS and so on. The application owner cannot be expected to integrate each of them and thus they are often forced to provide yet another credential.

Ideally, a single, trusted credential would provide access to all applications and that would be the user's existing corporate credential, instead of having to manage a set of new credentials from every Cloud Service Provider (CSP) that hosts their application.

Trustis Federate on Demand (FoD)

Federate on Demand (FoD) is a suite of solutions that provides a common platform to manage users and their identity attributes cost-effectively, supporting best-practice standards for security, interoperability, trust and interfaces. Essentially, the user only needs their departmental credential to log on to any of their business applications - across domains, networks, departmental boundaries and even borders. Cost-savings can be achieved as identity management doesn't have to be duplicated across applications.

FoD avoids the pitfalls associated with multiple access control schemes in the cloud. Furthermore, it is ideally suited for organisations that want:

● to eliminate the need to manage new sets of credentials, so their users use their preferred authentication scheme(s) for all internal and external applications

● a single, secure and controlled SAML connection for all external applications, to reduce overheads and risk

● to apply a common and robust access control policy for cloud apps

A homogenous, common platform

FoD is a suite of internal and external identity management solutions and is complemented by:

Directory on Demand

A powerful, flexible and scalable system for cross-referencing information on people, functions, structure and offices from the organisation and its partners – all from a single point of search.

Attribute on Demand

An attribute store with SAML interface to Federate on Demand and Directory on Demand. It processes Attribute Query requests and provides specific attributes or confirms a match. Users have a self-service interface for updating stored attributes and transactions are logged for audit purposes.

Attribute enrichment is sometimes required when the Service Provider needs further verification that the Identity Provider cannot offer. It also sits between a group of Service or Identity Providers when there is a common need for specific attributes – for example, access control lists, permissions based on role or domain, etc.

In Summary

Benefits of Identity Management

- An assured, secure and cost-effective means of verifying individuals
- Common platform for all internal and external Identity Federation
- Suite includes Directory, Attribute Provider, IdP, Matching Service, User Portal
- Reduces help desk calls resulting from forgotten passwords
- Helps to deliver the right level of assurance appropriate for risk
- Avoids duplicate user and credential management across applications
- Managed from the Trustis accredited UK data centres
- Large-scale deployments and SaaS commercial models
- Trustis has verifiable experience of operating HMG IDAM services

Key Features and Technical Specifications

- Brokers identity claims between SP's/AP's/IDP's using SAML 2.0 & WS-Trust
- Routes authentication requests across multiple networks
- Microsoft ADFS 2.0 based: proven, interoperable and freely available plug-in
- Uses PKI for trust and assurance
- As a local directory, provides user management and authority management
- GDS standards compliant, connectivity includes IL3 PSN
- Interfaces to internal and external Identity Providers and other hubs
- Provides identity matching of users from different communities or domains
- GDS IDA SAML Interface supported delivering Private Sector Hub functionality

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