

# Verviam Identity Management

## No internet exposure of enterprise credentials.

Authentication by signed JWT bearer token issued for each end user - person, application and IOT device. The token is validated, and exchanged for enterprise application credentials at the Verviam Gateway before requests are securely forwarded to destination application endpoints.

## Credentials stored with strong encryption

in an encrypted database. Authentication requests are forwarded to endpoint destination, public/private cloud or on premises enterprise resources.

## Encryption keys are secured by a

public/private key pair in a key vault, with on demand key rotation. All connections are https and field encrypted over the internet with best practice AES algorithms.

**Common use cases:** UserID/Password, ClientID/Secret, OAuth/OpenID/SAML/JWT tokens, Connection String for devices and applications, configurable in the console.



always encrypted data

## REMOTE WORKING

Verviam supports identity federation with existing identity management systems. A federated ID, such as a user group can be stored with destination endpoint scopes, parameters and tags, to authorize user access permissions to protected enterprise resources for people working from home over the public internet.

## DATA PRIVACY

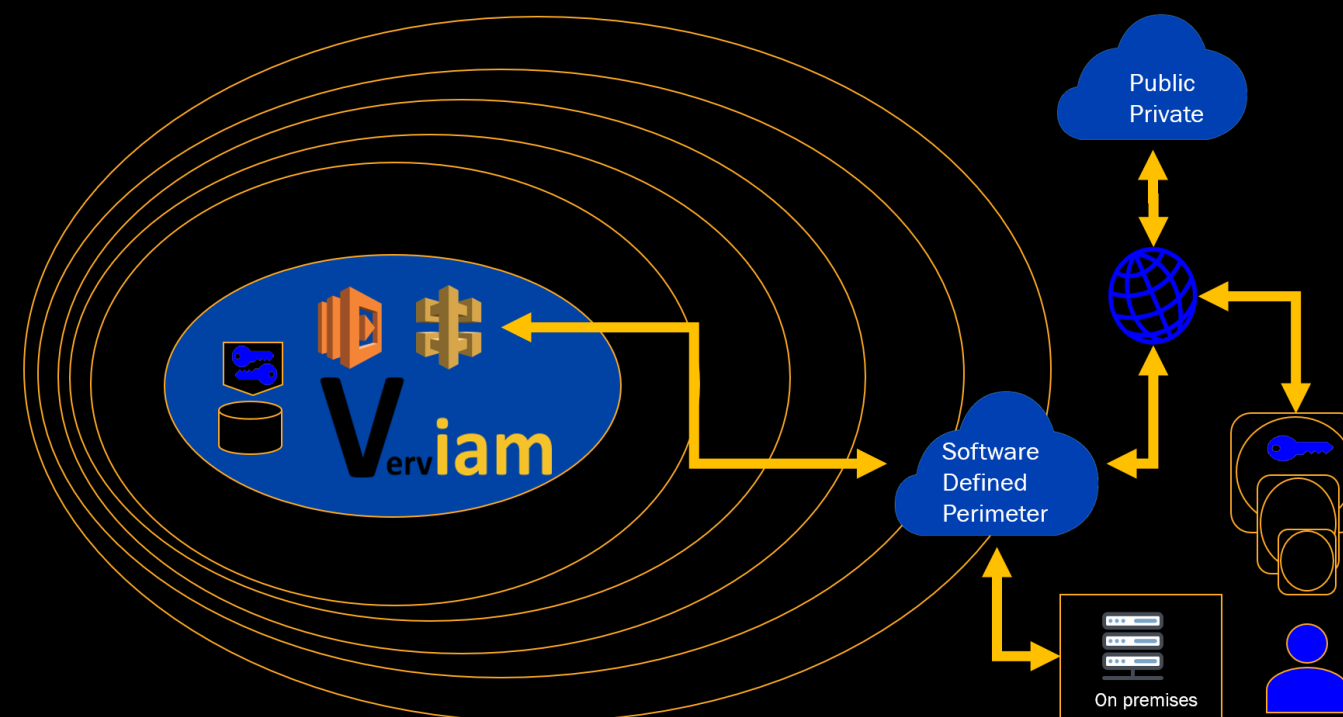
Protection of private data for major regulations such as GDPR and PCI-DSS, Verviam IdaaS is designed with defense in depth from ground zero. Services are protected by endpoint monitoring, web application firewalls, edge-of-network best practice content delivery, network firewalls and security groups. Only the account holder sees private data in clear text.

## SOFTWARE DEFINED PERIMETER

Identity Management with Zero Trust Security. Software Defined Perimeter applies access rights validation at the network layer "front door". Zero Trust requires authentication before access at the network gateway to provide an allow or deny architecture. If a connection request is not validated and authenticated, it is dropped at the network layer, prior to certificate termination, transport, session and application protocols.

## Simple Secure Identity Management

as a Service



## simplifying Identity

### ENTERPRISE INTERNET DATA SECURITY

- No complex protocol security vulnerabilities.
- Encrypted data in transit, in process and at rest
- Signed JWT Tokens protect internet requests



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