

FULL NAME

IDENTITY NUMBER

GENDER

EMAIL

CARD

Thales OneWelcome Identity Platform Identity & Access Core

Solving any identity
challenge

A rich set of core IAM functions for your identity needs

In today's complex digital landscape, the success of your business depends on secure, compliant and flexible tools for managing identities of employees, customers, partners, gig workers and more. The Thales OneWelcome Identity Platform is an adaptable, modular solution offering your users a frictionless and trusted experience throughout their journey, no matter which channel they use to engage with your brand.

The Identity & Access Core is the service layer which provides all essential shared capabilities, so you can serve all your external end users with one single cloud-based platform. It powers all our identity applications with the shared identity and access functions they need to perform their unique business-specific functions. As the secure, stable core of the Thales OneWelcome Identity Platform, it provides foundational functions like the identity store, authentication engine, access component, event store and credential store.

Key features



Scalable platform

The Thales OneWelcome Identity Platform is a flexible and scalable API-first platform. The Identity & Access Core layer provides a comprehensive range of authentication and authorization capabilities to meet your organization's needs.



Attribute metadata based on NISTIR 8112*

Rich metadata gives you the full picture of each attribute's value, such as when the attribute was created and last updated, which processing purposes the user consents to, where the data came from and what the trust level is.



Events and audit store

Store all events generated by the platform, containing references to the identity record the event applies to, the event type and relevant data related to the event type.

*National Institute of Standards and Technology - [Attribute Metadata: A Proposed Schema for Evaluating Federated Attributes](#)

Identity & Access Core benefits



Futureproof solution

A secure and scalable cloud platform that provides the foundation for our full range of identity apps, while supporting sovereignty.



Business critical features

Support your business with a comprehensive set of core identity and access management capabilities.



Effective data management

The platform holds an identity store, giving you a flexible, customizable data model, allowing you to store any identity attribute, while capturing and storing all relevant metadata.



API-based

Leverage the power and flexibility of an open platform that is completely API-based with support for all IAM features within the platform.



Flexible data model

The core's Identity Store supports multiple SCIM (System for Cross-domain Identity Management) schemas, including the Core and Thales Schema (out of the box), with the ability to create your own schemas to support any attribute you need.



Credential store

Store usernames and passwords locally, with a wide range of hashing algorithms and support for pre-encoded passwords, allowing for seamless migration of existing users onto the Thales OneWelcome Identity Platform.



Identity provider

Integrate external applications for authentication based on SAML (Security Assertion Markup Language) or OAuth/OIDC (Open Authorization/OpenID Connect).



Authentication

Authenticate internally, with locally stored credentials, or externally through the Identity Broker, with support for single factor and multi factor, as well as step up authentication.



Authorization

Issue tokens based on internal or external provided data (like attributes) and issue the right claims for the entity requesting access tokens.



A range of authentication options

Support authentication via username/password, one-time password (OTP) / time-based one-time password (TOTP) (email, SMS or voice call), or passwordless using magic links, QR codes, push notifications and passkeys.



Comprehensive services

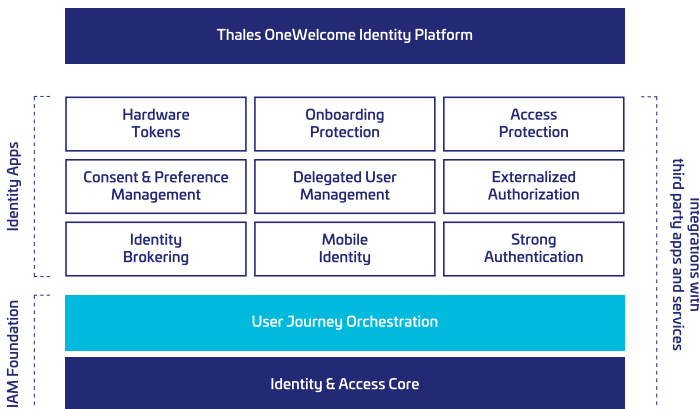
In addition to the functional component of the Identity & Access Core, you benefit from operational components like auditing and monitoring, security services and back-end configuration capabilities.

Innovation and expertise in identity and access management

The Thales OneWelcome Identity Platform manages millions of identities every day worldwide. Our flexible, adaptable design and out-of-the-box functionalities offer companies of all sizes the performance and scalability they need to overcome today's identity and access management challenges.

Why leading companies trust Thales

Thales is the indisputable leader in digital identities and data protection, creating trust for digital services in an increasingly connected world. Companies all over the world rely on our Identity and Access Management platform to keep critical infrastructure safe from unauthorized access while also helping our customers reach important business goals.



Achieve better results with the Identity & Access Core from Thales



Secure and flexible user experience

Lay the foundation for frictionless, trusted and secure digital journeys for customers, employees and gig workers with superior IAM capabilities.



Empower self-service

Offer end users intuitive and familiar login solutions, settings and self-service options, to prevent unnecessary support calls.



Stay agile with an API-first design

Our APIs make it easy to implement our identity Core and offer a wide range of authentication solutions, such as SSO (single sign-on), so your developers can focus their time on creating excellent user experiences.



Minimize risks

Comply with security and data sovereignty requirements while delivering a seamless experience to all your users.



Modernize IT infrastructure and lower TCO

Move to the cloud and embrace SaaS technologies to reduce operational costs and shorten time to market of new functions.

[Click here to learn more](#)

About Thales

Today's businesses and governments depend on the cloud, data and software to deliver trusted digital services. That is why the most recognized brands and organizations around the world, rely on Thales to help them protect sensitive information and software wherever it is created, stored or accessed – from the cloud and data centres to devices and across networks. As the global leader in data security, identity & access management, and software licensing, our solutions enable organizations to move to the cloud securely, achieve compliance with confidence, create more value from their software and deliver seamless digital experiences for millions of consumers every day.