Solution Brief

# Thales OneWelcome Identity Platform

## Externalized Authorization

A flexible authorization
solution for complex
digital services

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**THALES**
Building a future we can all trust

# The future of externalized authorization

In today's complex digital landscape, the success of your business depends on secure, compliant and flexible tools for managing the 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.

Legacy role-based authorization systems cannot meet the challenges of effectively managing internal and external users in today's digital services environment. Our OneWelcome Identity Platform offers externalized authorization capabilities that enable you to implement fine-grained, policy-based, centralized access control. Our Externalized Authorization identity app seamlessly integrates into your existing identity infrastructures, simplifying your authorization processes and reducing overhead. Its dedicated service components feature secure token services, runtime decision engines and policy administration.

## Externalized Authorization benefits

**Centralized access control**
Grant access to your resources in real time via a centrally managed decision point that leverages user attributes in your identity store.

**Flexible, scalable solution**
Create authorization policies to determine when to grant users access to your products. Your policies can be graphical or defined in Open Policy Agent's native query language Rego.

**Relationship-based access control (ReBAC)**
Implement fine-grained access to protected resources based on the user's relationships with other entities.

# Key features

## Standardized authorization
Streamline permission management across multiple applications or shared resources from a single platform.

## Microservices
Enable your architects and developers to work with microservices effectively by separating policy management from the application lifecycle.

## Agile policy management
Easily define, test and deploy authorization policies in an agile manner.

## Modern digital services
Externalize authorization policies to support modern digital services, such as shared insurance products.
This also applies to team member invitations with consent in scenarios where executive assistants are signing documents on behalf of delegated mandates; for instance, nurses updating medical records based on doctor-patient care relationships.

## Simplified policy administration
Edit policies in a no-code/low-code environment or manage them in your continuous integration and continuous delivery (CI/CD) pipeline.

## Policy as code
Administer policies in declarative source code using policy syntax that complies with the open-source policy language Rego.

## Policy descriptions

Set customized, fine-grained policy descriptions. For example: only vehicle owners can review metrics from the engine control unit unless the vehicle is flagged for service; only engineers from the designated service point can review metrics during the maintenance window.
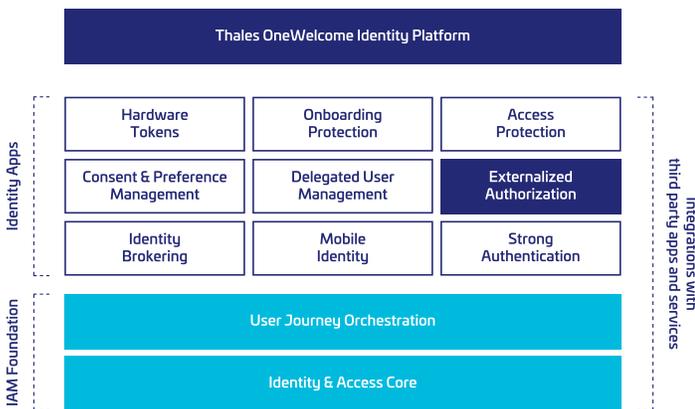
## Policy decision endpoint

Externalized Authorizations adhere to the extensible access control markup language (XACML) reference architecture, with a cloud-deployed rules engine (Policy Decision Point) and policy administration (Policy Administration Point).

## Manage and enforce business policies uniformly across all your applications

The Thales OneWelcome Identity Platform manages millions of identities every day worldwide. Our customizable design and out-of-the-box functionalities offer you the performance and flexibility you need to implement state-of-the-art externalized authorization.

## Why leading companies trust Thales

Leading companies around the world rely on externalized authorization from Thales. Our platform is an agile, future-proof solution built upon best practices and the industry's strictest standards for security and performance.

### Thales OneWelcome Identity Platform

| Identity Apps | | |
|---|---|---|
| Hardware Tokens | Onboarding Protection | Access Protection |
| Consent & Preference Management | Delegated User Management | Externalized Authorization |
| Identity Brokering | Mobile Identity | Strong Authentication |

Integrations with third party apps and services

**IAM Foundation**
- User Journey Orchestration
- Identity & Access Core

## Modernize your digital services ecosystem with Externalized Authorization from Thales

**Faster go-to-market**
Reduce complexity and accelerate time-to-market by separating authorizations from the application lifecycle.

**Increased agility**
Support modern application architectures, including microservices, allowing for a dynamic approach and policies that can easily be edited in a no-code/low-code environment.

**Consistent security**
Consolidate authorization decisions to ensure consistent enforcement of your security policies across all components.

**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.