

For a secure and simple digital onboarding experience

Thales Gemalto Identity Document Verification SaaS Solution

Identity & Biometric Solutions

Do your customers need to easily prove their identity when remotely onboarding for new services?

Thales' comprehensive Identity Document Verification (IDV) SaaS solution is built around intuitive consumer behaviour, ensuring your remote onboarding experience is smooth and trusted

We've developed a highly automated solution that is driven by intelligent software to optimise user privacy, security by design, and absolute dependability. Thales' IDV is flexible, easy to integrate and ready to meet your specific needs and requirements.

Quite simply, we make sure that your customers are genuinely who they claim to be, via a process that is tuned precisely to your business. For end users, it's as easy as capturing an ID document image and taking a selfie.

IDV allows you to do this instantly, whenever and wherever you are. Your customers enjoy smooth and intuitive journey:

STEP 1 Document capture



Al is used to automatically detect the ID. Instant capture and real time quality checks ensure a smooth user experience.
For electronic documents,
NFC capable phones can also read the information held on the chip.

STEP 2 Document verification



To prevent fraud, Thales instantly checks the authenticity of the document, verifying its data integrity, consistency and security features.

STEP 3 Face capture and liveness detection



Now facial biometrics are used. The subject simply takes a selfiel Passive liveness detection requires no user interaction. It ensures that a real person is present and detects any spoofing attacks.

STEP 4 Face matching



Thales' in-house technology then compares the subject's captured face with the image on the captured ID document. If it confirms a match, onboarding can proceed.

Thales' modular solution offers a choice of different document verification versions to align with your security expectations: from checking the validity of the Machine-Readable Zone (MRZ) to more advanced controls under white light, infra-red and UV checks. We can even verify the information stored in a document's chip.

Thales is one of the industry's global leaders in facial biometrics. We offer a highly sophisticated passive liveness detection feature, based on machine learning models for the smoothest user experience. The end user is asked for nothing more than a selfie! Our face-matching feature then accurately compares that selfie with a reference portrait taken from the ID document. These face verification features are purpose-built to work with Thales' broader biometrics enrolment solutions, enabling further face authentication use cases.

Thales' IDV solution has the flexibility to address your business needs, and comply with national and industry-specific regulations. The modular design also ensures a precise fit with end users, and gives businesses the freedom to deploy IDV where it best suits their customers.

The cross-platform implementation supports mobile and tablet devices (Android and iOS), web channels, and professional document readers.

What can Thales Gemalto IDV offer your business?

A best-in-class solution

- Fully automated to eliminate human intervention and errors.
- Designed for privacy. Images are not sent offshore, or to other personal data sharing operations. Your service is transparent for end users and all data flows are encrypted.
- Advanced facial biometric technologies including autocapture and passive liveness detection features.
- Al-powered document and identity verification software that ensures continuously improving results.
- Optimised for multichannel use one solution covers mobile, website, flatbed scanners and document readers.
- Industry-leading database of ID templates, including 4000 unique document types.



Thales experts have shared their knowledge and experience to create identity solutions in over 215 countries and states.

We work alongside public authorities and businesses and implement security strategies that address today's identification challenges while setting out a clear roadmap for the future.

Enhancing trust in your services has never been easier with Thales' tailored IDV solution.

Our experts are available to support every aspect of your identity verification migration to the latest technologies - from planning to execution - and simultaneously accelerate your time to market.

Industries and use cases



Air Travel

Create a seamless traveller journey by eliminating the need for repeated document checks.



Hotel

Enable pre-booking and remote check-in to hotels, and keyless room access.



Retail

Prevent identity fraud when performing remote online transactions.



Automotive

Replace face-to-face in-branch validation with remote ID checks for car sharing and car rental.



Citizen Service

Offer citizens the freedom to register for online government services from the comfort of their homes, privately and conveniently.



Healthcare

Improve the registration process and verify a patient's profile quickly and easily.

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

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