



**RÉPUBLIQUE  
FRANÇAISE**

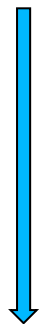
*Liberté  
Égalité  
Fraternité*



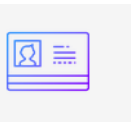
# REMOTE IDENTITY PROOFING SERVICE PROVIDERS (PVID) – CERTIFICATION ANSSI

# Remote identity proofing use case

- Identity proofing consists of ensuring that the person is able to **provide recognized evidence regarding the claimed identity** (e.g. an identity document), that **this evidence is genuine** and that steps have been taken to **minimize the risk that the person's identity is not the claimed identity**.
- A remote identity proofing service, performs the following verifications :

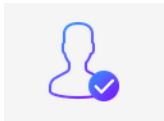


➤ Is the identity document genuine?



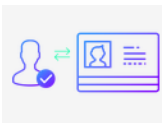
- Variable security features: holograms, OVE
- Static security features: color, design and text
- Original document: plasticity, rigidity

➤ Is the person real and alive?

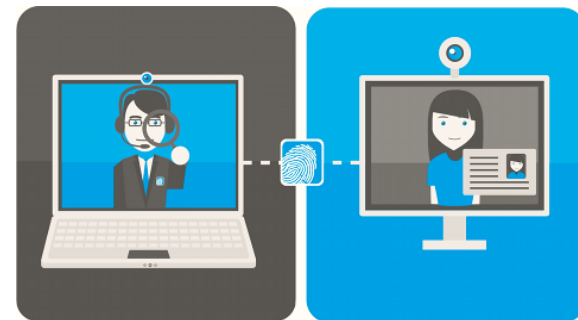


- Liveness
- Consent

➤ Does the face shown match the face on the identity document?



- Face matching





# ANSSI's certification scheme (PVID)

- This service aims to enable **remote identity proofing** of a physical person.
- In the majority of cases, this is a **commercial service provided by a private or even public body**.
- This service may be subject to **certification by ANSSI and therefore to a Security visa**.

## Three use cases:

- Entering into a business relationship between a client and a financial organization (**opening a bank account**, etc.).
- **Digital identity** (for example, creation or management of an electronic means of identification).
- Secure commercial services (**signing of distance contracts, electronic registered letter etc.**).

## Two levels of "guarantee"

- A "**substantial**" level aimed at the same reliability as a **face-to-face over-the-counter**.
- A "high" **level** aimed at the same reliability as **issuing an identity document**

# PVID certification process

- The certification request is sent to ANSSI by the PVID.
- The certification process involves, in addition to the PVID, three actors:



A company responsible for carrying out audits or conformity assessments,



ANSSI (French National Cybersecurity Agency) as the certification body



Ministère de l'Intérieur (French Ministry of Homeland Security) as identity document fraud experts



Certification  
request  
acceptance

Evaluation  
strategy  
definition

Evaluation  
plan  
elaboration

Validation of  
evaluation  
plan

Compliance audit  
and biometrics  
effectiveness  
tests

Results  
validation

Identity  
documents  
effectiveness  
tests

Certification  
approval



# PVID link with ETSI / ENISA work on identity proofing

- **Requirement on identity proofing with ETSI TS 119 461** : PVID is a framework on remote Identity proofing and can be useful on this topic.
- **Risk analysis of ENISA about remote identity proofing** : PVID framework require to carry out risk analysis by the provider on his service and can be useful to complete risk analysis from ENISA.

The scope of PVID requirement is about remote identity proofing in different context of legislation like AML-FT or eIDAS but ensuring consistency with the eIDAS Regulation and the Levels of Assurance (LoA), as defined in eIDAS,

Main issue : Clarify if a 100% automated identity proofing solution is allowed for substantial level.

**ANSSI strongly recommends strengthening security measures on this type of solution based only on an automated face biometrics.**

Therefore, remote business entry services applying for an baselined or high level need to have the following characteristics:

- on the one hand, a hybrid approach (human/machine);
- on the other hand, dynamic presentation solutions of the user's identity document and face.

# REFERENCES AND CONTACT

PVID framework : <https://www.ssi.gouv.fr/actualite/publication-du-referentiel-dexigences-applicables-aux-prestataires-de-verification-didentite-a-distance-pvid/>

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