ICVS

Capture and Verification System

ICVS is a software suite designed for real-time operations such as enrollment and ID document issuance. It operates seamlessly across multiple platforms and devices, including desktops, kiosks, and mobile equipment, in both online and offline modes.

A truly all-in-one solution for enrollment, verification, and document issuance

When it comes to population registration, the data captured must be authentic, reliable, and of the highest quality. Biometric enrollment is the only way to achieve a genuinely automated identification system.

Our offer:

Capture and Verification System (ICVS) is a state-of-the-art software solution for enrollment, verification, and document issuance. Suitable for a broad range of applications—civil registers, document requests, document issuance, etc.—ICVS meets the most stringent requirements for fast deployment, cost-effectiveness, convenience, security, and privacy.

ICVS is a universal platform with multiple hardware options: mobile, desktop, kiosk, and multiple deployment schemes.

ICVS is easily adapted to both the functional needs and the security policies of most authorities.

Key Benefits

Security

Data encryption, secure communication, centralization of logs, single sign-on, business reporting.

Data quality

Compliance with international standards, reliability, and quality control at each step of the process: ICAO criteria verification for portrait; anti-spoofing measures such as sequence checks for fingerprints.

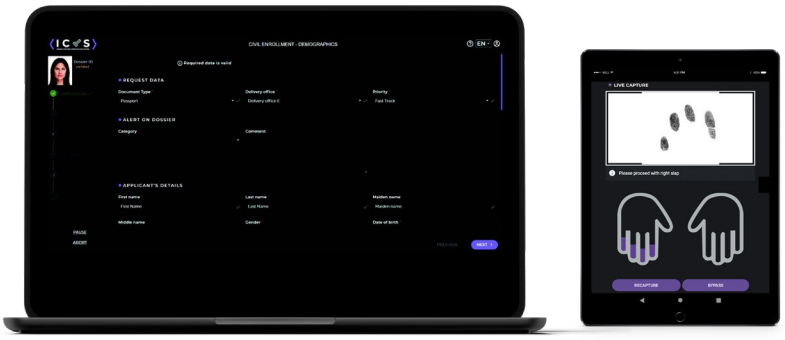
Future-proof

Easy to upgrade, readily adaptable to evolving IT environments, flexible deployment configurations, cloud-ready.



IN GROUPE

ICVS's responsive GUI



Desktop version

Mobile version

A broad range of applications

- Population registration
- Document request
- Voter registration
- ID document check
- ID document issuance
- Visa issuance
- Background check

Typical enrollment process

1. Personal data acquisition / upload
2. Biometric acquisition
3. Document scanning
4. Signature acquisition
5. Data export

Typical issuance process

1. ID Document reading
2. Receipt verification
3. Holder biometric authentication
4. Visual verification
5. Document issuance

Key Features

- Capture or upload demographic data
- Capture biometric data including fingerprints, palm prints, portrait, iris
- Capture supporting documentation and signature
- Fully integrated within IN Groupe end-to-end solutions
- Easy to interface with a customer ecosystem through OSIA and REST interfaces
- User-friendly GUI
- High efficiency: High acquisition speed, real-time verification of data quality, and reliability at each step
- Cutting-edge technology stack
- State-of-the-art architecture based on microservices allowing proper scalability, availability, security, deployment, and update management or addition of new functionalities
- Simplified customization and common configuration mechanism for all environments (desktop, kiosk, and mobile)
- Compliant with standards (GDPR, OWASP, OSIA, NIST, ICAO)

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