



PXL Vision Auto- und NFC-Ident

Browser-based identification method enables a seamless experience for pan-European users (EU/CH) - no app installation required.

Smart Registration and Signing Service

The Smart Registration and Signing Service from Swisscom Trust Services offers various online identification procedures that are tailored to different requirements and use cases for electronic signatures:

- Jurisdiction (e.g., EU and Switzerland)
- Type of electronic signature (qualified and advanced)

PXL Vision's Auto-Ident method enables the registration of signatories for qualified and advanced electronic signatures in the European (eIDAS) and Swiss (ZertES) jurisdictions.

Multiple Authentication Broker

During an e-signing workflow in the partner application, the integrated broker from Swisscom Trust Service orchestrates between three main areas:

- Registering the signature release method
- Identification of the signatory
- E-signature and approval

No further audits are required: Our compliance authority has certified all three areas, facilitating the adoption of user-friendly e-signature processes characterized by quick conversion rates and excellent usability. During the registration for e-signatures, users can choose their preferred signature approval method from the options provided or the preset in the signature application.

Should users require registration for the e-signature, they will be directed to an identification process that aligns with the necessary level of electronic signature and the relevant jurisdiction.

Identification procedure from PXL Vision

PXL Vision's identification method allows users to verify their identity and register their electronic signature. To do this, they scan their ICAO-9303-compliant ID card or passport with or without an NFC chip and record a short selfie video of them-selves. Scanning and video recording take place within a browser session on the smartphone, so no additional app needs to be installed. During the identification process, an AI algorithm checks the authenticity and validity of the ID card or passport, compares the photo on the document with the person's face in the selfie video and confirms that the user to be registered is alive - passively, without prompts such as head or lip movements. The essential information for the electronic signature and the proof of registration are automatically extracted using intelligent OCR technology. All data not captured via NFC scan is checked manually by agents in the back-ground during business hours.

One-time registration - repeated release of the e-signature

Our registration and identification process for electronic signatures is very simple. Once completed, it is a one-off process that enables simple electronic signing in the future. The process only needs to be repeated after the ID card or passport has expired or after two years. As part of Swisscom Trust Services' Smart Registration and Signing Service, we offer a variety of signature approval methods, allowing users to choose their preferred method.





Facts and Figures



Partner PXL Vision

PXL Vision AG, Zurich, Switzerland

Audited partner for various onboarding procedures in accordance with ETSI TS 119 461.

The service is available around the clock every day (NFC). Auto-Ident, with manual verification in the background, is available from Monday to Saturday from 08:00 to 22:00. Data processing takes place in Switzerland.



Requirements for the signatory

What does the signatory need?

The signatory must have an ID card or passport with or without an NFC chip.

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For repetitive e-signing (repetitive signing), the signatory must select a signature release method. The following ID cards and passports are supported: [LINK](#)
Please note: Only EU/EEA and Swiss ID cards are accepted.

Languages: German, English, French, Italian, Spanish - others on request.



Authentication

Register once, e-sign as often as you like

After registering the signature release method, the signatory can e-sign one or more documents. Approval is only required once for each signature process. The following authentication methods are available:

- Mobile ID (Swiss SIM add-on, available for Swisscom, Sunrise and Salt customers)
- Combination of password (set during registration) and additional one-time code, transmitted via SMS
- Passkey based on the FIDO2 standard

The following methods require the download, installation and setup of the respective app:

- Mobile ID app worldwide, app with biometric option for the second factor: <https://mobileid.ch>
- Signature approval app based on hardware identification instead of mobile number



Participant Application

Participant application (signature application)

Our partners of Swisscom Trust Services offer various e-signature applications. Visit our [partner directory](#) for more information. The content of the signed document remains in the signature application, while Swisscom Trust Services only receives a hash value of the document. A signature request is generated by the Multi Authentication Broker of the Smart Registration and Signing Service platform, depending on the required legal area, the type of signature, the necessary registration of the release method and acceptance of the terms of use.

Based on the token received from the broker, the signature application can send signature activation data to Swisscom Trust Services.



Signature type

Signature level: Advanced EU/CH or Qualified EU/CH

Qualified and advanced e-signatures can be issued for the EU (eIDAS) or Switzerland (ZertES). All signatures are displayed in Adobe with a green tick.



Data utilization

Data utilization

In use cases where a partner intends to use the data collected during the identification collected data for purposes other than the e-signature for its work processes.

PXL Vision supports the simultaneous provision of this data set to the partner.



Costs

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Our Smart Registration and Signing Service offers various packages and options depending on the expected transaction volume.

Are you interested in simplifying e-signature registration with this identification method? Visit our [website](#) and get in touch with us. We are here for you and look forward to hearing from you.

www.trustservices.swisscom.com