IDplug WebConnector

A web interface to smart cards

IDplug WebConnector offers easy-to-use web interfaces, enabling online applications to deploy web applications or eServices based on citizen or professional eID cards.

Web interface for smart card

WebSockets technology has enabled the development of modern web applications to offer faster, safer, and more dynamic interactions.
A dedicated web interface is required to simplify the development of web applications that need to interact with smart cards.

IDplug WebConnector middleware

IN Groupe offers a common entry point to web applications through a browser independent JavaScript library, providing web APIs for WebSockets protocols.

IDplug WebConnector handles cryptographic operations of the secure element, providing:

- Strong authentication
- Qualified signatures
- Data encryption
- Secure messaging management
- Certificate loading
- PIN management
- Biometric Match-On-Card (MOC)

On the way to a digital solution

Combined with IN Groupe SmartCard Connector (ISCC), IDplug WebConnector extends use cases to the digital world, enabling registration for Digital ID and secure online authentication.

Key Benefits

Unique interface

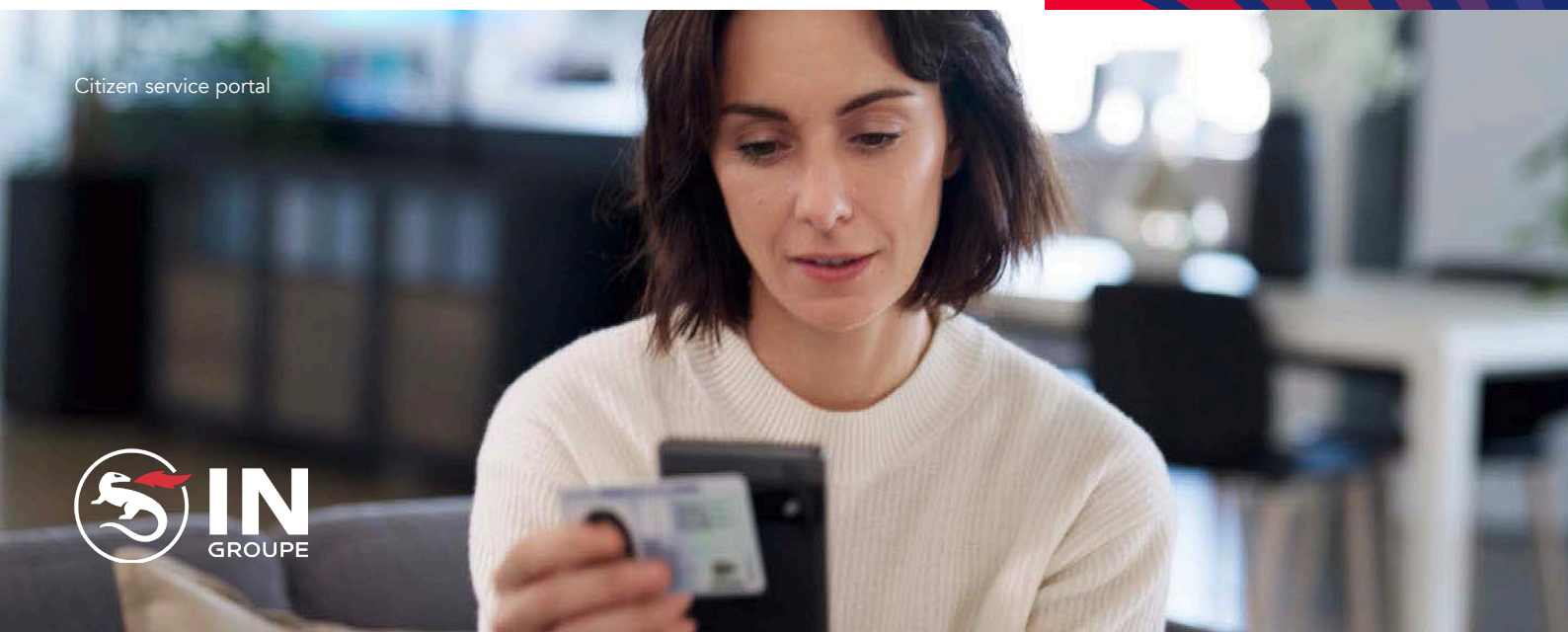
The JavaScript library allows developers to integrate via a single entry point.

Common framework

IDplug WebConnector is built on the IDplug framework, which manages user interfaces, communication protocols and cryptographic operations.

Biometrics

IN Groupe WebConnector supports biometric match-oncard with fingerprint, face and iris for card owner authentication.



Citizen service portal

IN GROUPE

Ideal to secure data and networks

IDplug WebConnector simplifies the deployment of eServices for corporate and government markets.

CUTTING-EDGE TECHNOLOGY

- PACE secure messaging based on CAN or MRZ
- Authentication/signature API
- Read/write file API
- Pass-through API to send/receive direct APDUs
- Match-On-Card with fingerprint sensors
- Match-On-Card with Face and Iris (upon request)
- Supported browsers: IE, Edge, Chrome and Firefox (Windows only)

IDplug WebConnector is the solution for:

- eGovernment services
- Identity Access Management
- Corporate web applications
- Biometric authentication

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