YOUNIQX
Secure Identity

# MIA – MY IDENTITY APP

All your IDs and your eID on your smartphone

A Company of the Austrian State Printing House

## What is MIA?

My Identity App (MIA) combines traditional printed ID documents and electronic identities (eID) into a platform-independent smartphone app embedded in an ID ecosystem. MIA aims for transparent identification and authentication in the physical and digital world while security, privacy, data protection, usability and user trust are at equilibrium.

## Who is MIA for?

MIA is for states with a need for a highly secure and very efficient governmental ID solution as an add-on for traditional ID documents in order to address digitalization matters in the public sector. The same solution can be used as an eID for businesses (e.g. financial, gaming or leisure industry, etc.) and governments demanding an easy to use identification and two-factor authentication service.

## MIA provides additional value

**for end-users and potential clients by the following means**

MIA provides **proper means of preventing identity** theft as there is no need to store personal data on the smartphone.

**New documents** and attributes can be **easily added** to MIA.

Lost or stolen IDs can be **easily revoked and renewed** which saves time and money for the customer and clients.

MY IDENTITY APP

**No additional hardware** (e.g. chip card reader) or **TAN is required** in order to commit online bank transactions. Furthermore, the user can see all **transaction details before authorizing** the final transaction.

Traditional ID documents (driver's licenses and other documents) can be left at home as all **your documents can be verified on your smartphone.**

MIA works with **up to date data** all the time.

MIA enables users to **verify the authenticity** of ID documents **without** any necessary **training.**

# SMART IDEA: SMARTPHONE ID

## Use Cases

MIA can be used to:

- Show your ID at a roadside check
- Share your vehicle registration
- Prove your age with minimal data disclosure
- Check-in to a hotel
- Open a bank account
- Check your timeline
- Third party app login

## Principles

MIA is an identity management solution available on state of the art technologies. MIA is by default in data minimization mode allowing for selective disclosure of attributes. MIA offers real time data retrieval from already existing reliable databases that hold the citizen's personal information. In addition MIA is ISO 18013-5 ready and offers to store data securely on the smartphone. The security of MIA is not based on specific hardware solutions but rather is ensured by a secure process.

## MIA at a glance

**MIA ...**

... is the **first identity solution,** that integrates physical and electronic IDs.

... gives the user **full transparency** on which attributes were transferred to which person in a timeline.

... enables **multi-factor authentication** by leveraging biometrics (via FIDO).

... helps to **preserve privacy** and **supports the use of attributes.**

MIA

MY IDENTITY APP

... follows a **user centric design** approach to maximize usability and acceptance of the general public.

**... shows** the user **who** (which service provider) **is receiving** the data.

... is based on standard APIs and standards in order to be **easily integrated by service providers** as well as governments.

... is **ISO 18013-5** ready (online & offline).

## Security

MIA is authenticated by the backend via client certificates, which are stored on the users' smartphone. The certificate is stored in a secure way by using state of the art security technologies offered by mobile operating systems. All data transfers are secured using Transport Layer Security (TLS). There is no data stored on the smartphone and personal data is never transmitted directly between smartphones, but always retrieved from a trusted data source. Every data request must be approved by the person to whom the information belongs.

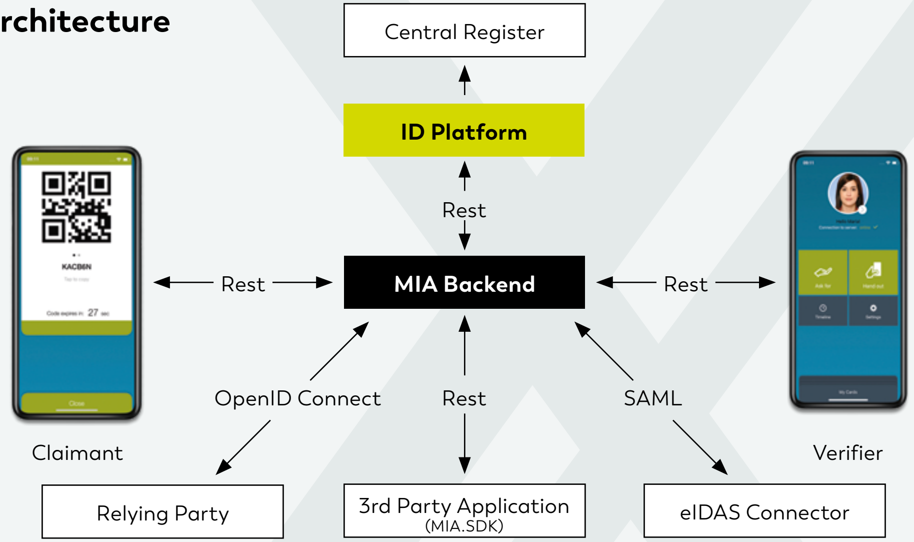
## FIDO

MIA promotes the use of biometrics instead of passwords. The FIDO protocol improves security by replacing the password with biometric identifiers. So in online use cases the FIDO protocol is used whenever possible for user authentication based on biometrics.

ISO 18013-5 online & offline mDL ready

fido alliance

## Architecture



# SMART IDEA: SMARTPHONE ID

## Workflow

### ❶ Start

MIA is started and personal data from the MIA backend is shown on the smartphone.

### ❷ Link

Link for an exchange of data with the corresponding users.

### ❸ Approve

The information to be transmitted is approved by the user and the transfer is complete.

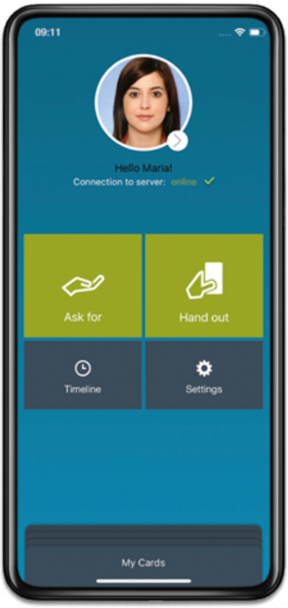
ØSD

OESTERREICHISCHE STAATSDRUCKEREI

## Secure identity management for companies

With “My Identity App” (MIA), the first system has been created for integrated identity management, which combines all official, centrally stored identification documents in one app. The product which received an award at the CeBit 2016 and MIIA, not only makes it possible for countries, but also companies to have a new dimension of secure identity management.

1. MIA in your hand: You retain **100 % control** over your data and documents.
2. MIA brings all **identification documents** together in one app.
3. MIA offers **full security:** Personal data are securely stored on the smartphone when offline data is required.
4. MIA is **always available:** Physical documents can stay at home.
5. The **identity** can be **determined unequivocally,** regardless of whether it is a new bank account or a vehicle inspection.



younigx.com/en
mia.at/en/
facebook.com/YOUNIQXbyOeSD

MIA
MY IDENTITY APP

## First address for secure identity

Following years of research and innovative development, the Austrian State Printing House founded YOUNIQX Identity AG as a company focusing on the business field of secure digital identities in November 2017. YOUNIQX bundles all of our products and services in the field of secure digital identities, presenting them also to an international audience. YOUNIQX enables us to be maximally flexible in meeting our customers’ needs in the best possible way.

youniqx Identity AG
Tenschertstrasse 7
1230 Vienna
office@youniqx.com
youniqx.com/en