

# ID Austria

Unique digital identity. Modern, safe and interoperable!



Austro - Arab Chamber of Commerce - AACC

31 May 2022  
Mag. Peter Andre (BMI)



## Security and usability are essential factors for a digital identity

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- Solutions for electronic Identity Management are on the line between usability and legal certainty
- High rank of certainty often has low usability and vice versa
- Public authorities as well as private companies need high authentication level
- facebook ID as an example for international player offers simple solutions on numerous portals. But it is about the REPEATED or CLAIMED IDENTITY and not about a real identity.
- In order to position a European identity as a counterpoint, all providers need to work together at national and European level.
- Digital security will become an even more important factor in the future.

- Electronic proof of identity enables citizens to prove their identity to electronic applications/services/procedures in accordance with the provisions of the E-Government Act and related legal matters (e.g. Signature and Trust Services Ordinance).
- It is therefore conclusive that digital identities, which can be used by the administration and the private sector for authentication, are also issued by the state. This digital identity is the only one that is recognized throughout Europe under the EIDAS regulation (interoperability)
- Based on the digital identity, attributes are added to offer further added value.
- Notification of the Austrian electronic identification system – done in April 2022
- The most up-to-date data possible for the attributes provided from the state registers
- Limitation of cybercrime (prevention of identity misuse)

# Why an electronic proof of identity by the state?

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- Digital transformation means end-to-end digital processes that must also be able to build on qualified identities
- Public administration has needs just as much as the private sector
- A high safety standard must be observed:
  - - GDPR compliant to ensure privacy
  - - organizational-legal and technical security in the application or basis for identities in the digital world
- What is e-Government:
  - use of ICT,
  - combined with organizational change and new skills,
  - in order to improve public services,
- democratic processes and the
- creation and implementation of governmental policy.

## Why an electronic proof of identity by the state?

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- Further development of the citizen card (“Bürgerkarte) and mobile phone signature (“Handy-Signatur”) into an electronic identity (card)

Joint venture together with Federal Ministry of digitalization and economics

Registration process only via (Passport) authorities

eIDAS conformity in focus

Basis for Digital ID Platform („Wallet“)

Delivery of additional attributes (from official registers); with exclusive approval of user

- ID Austria offers direct, highly secure access to digital services from administration and business,
- enables simple and secure signing of digital documents,
- is free of charge and brings cost savings with digital official channels
- and is the basis for the digital ID platform (digital driver's license) and numerous other

## Use is already possible

- Trial run: Registration with approx. 500 selected registration authorities
- Registration authorities (list on [oesterreich.gv.at](https://oesterreich.gv.at))
- Citizens who would like to apply for an ID Austria can already take part in the pilot operation
- ID Austria with a basic function contains all the functions of today's mobile signature.
- Use of services in trial operation:

[oesterreich.gv.at](https://oesterreich.gv.at)

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Deutsch Englisch

 [oesterreich.gv.at](https://oesterreich.gv.at)

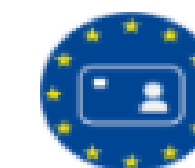
### Anmelden bei „[oesterreich.gv.at](https://oesterreich.gv.at)“

Mit Ihrer Anmeldung stimmen Sie zu, dass „[oesterreich.gv.at](https://oesterreich.gv.at)“ auf Ihren Namen, Ihr Geburtsdatum, Ihr bPK (bereichsspezifisches Personenkennzeichen) ... zugreifen darf. [Details anzeigen](#) ▾

[Datenschutzerklärung von „\[oesterreich.gv.at\]\(https://oesterreich.gv.at\)“](#)



Anmelden mit Handy-Signatur



Anmelden mit EU Login



Anmelden mit ID Austria

Was ist die ID Austria (elektronischer  
Identitätsnachweis)?



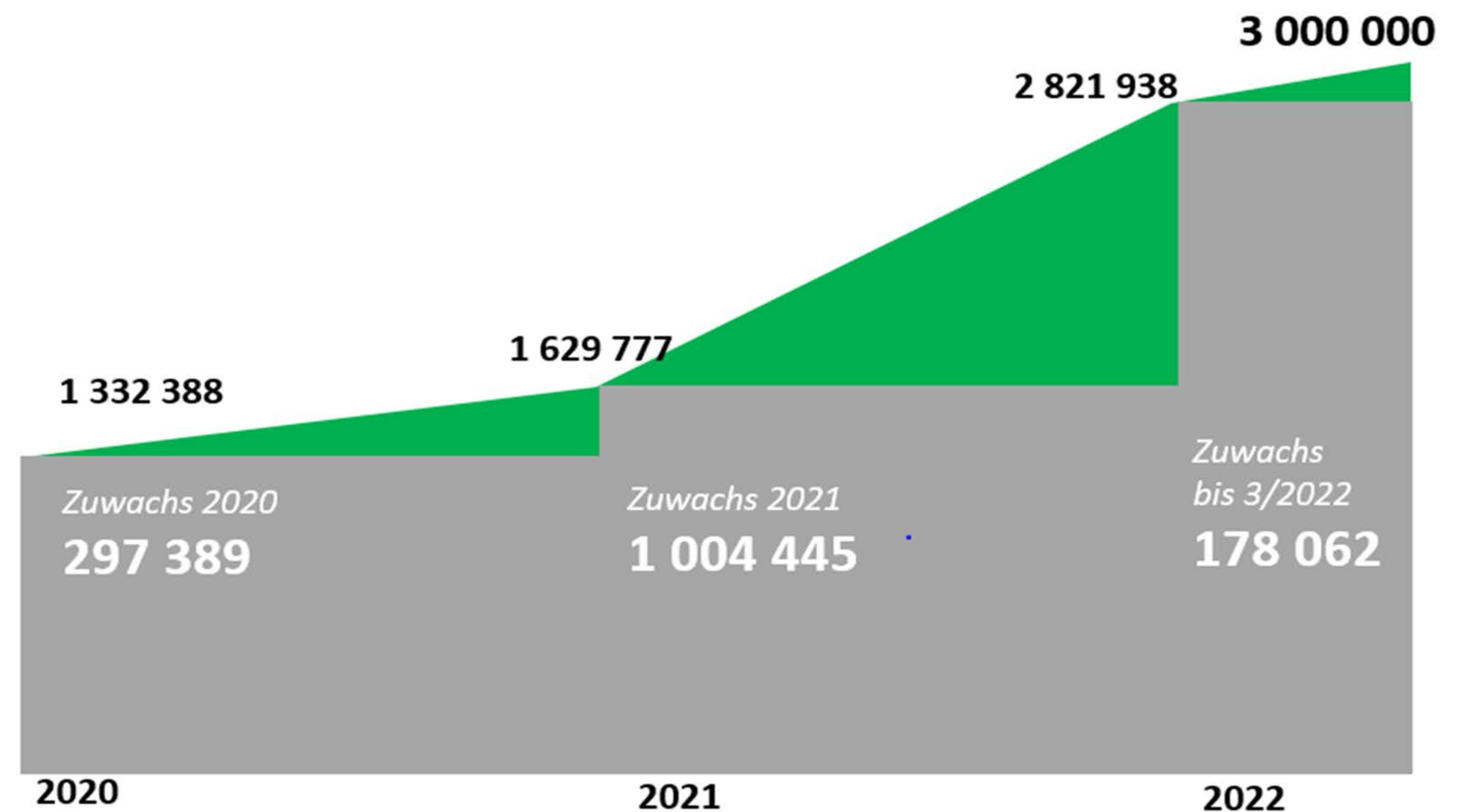
## Mobile signature

- app. 3.000.000 active Mobile signatures
- Concept from 2005 is technology-neutral
- Number of various digital public services  
**e.g. Applications for the issuance of an absentee ballot (election card) per election**
- serves to prove the unique identity of an intervener and the authenticity of the electronic application
- It is therefore an electronic ID and electronic signature (legally equivalent to a handwritten signature)

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Anzahl aktive Handy-Signaturen  
Entwicklung 1/2020-3/2022

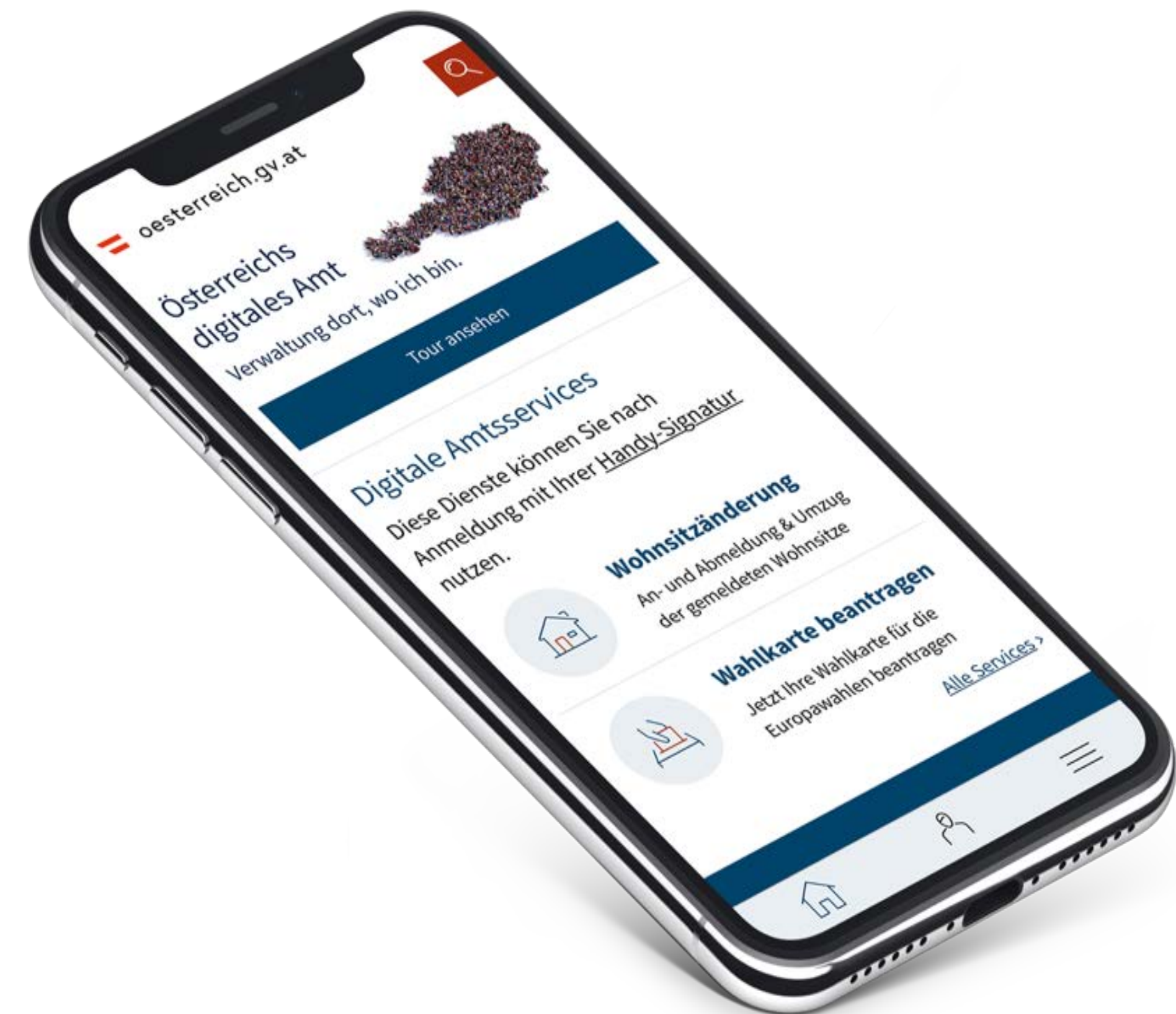


## Integration as a mobile solution in the digital office

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- The APP Digitales Amt is the basis of ID Austria
  - More than 700.00 downloads
  - Applications can be used mobile and with security (two factors)
  - Services within the APP but also APP2APP
  - Digital signature is a fixed component
  - Mobile first approach is implemented
- The platform oe.gv.at provides comprehensive information on official channels and provides information on current topics (around 5.500 pages)
  - Citizens and foreigners with life situations in Austria
  - All information is structured according to life situations and is updated on daily basis



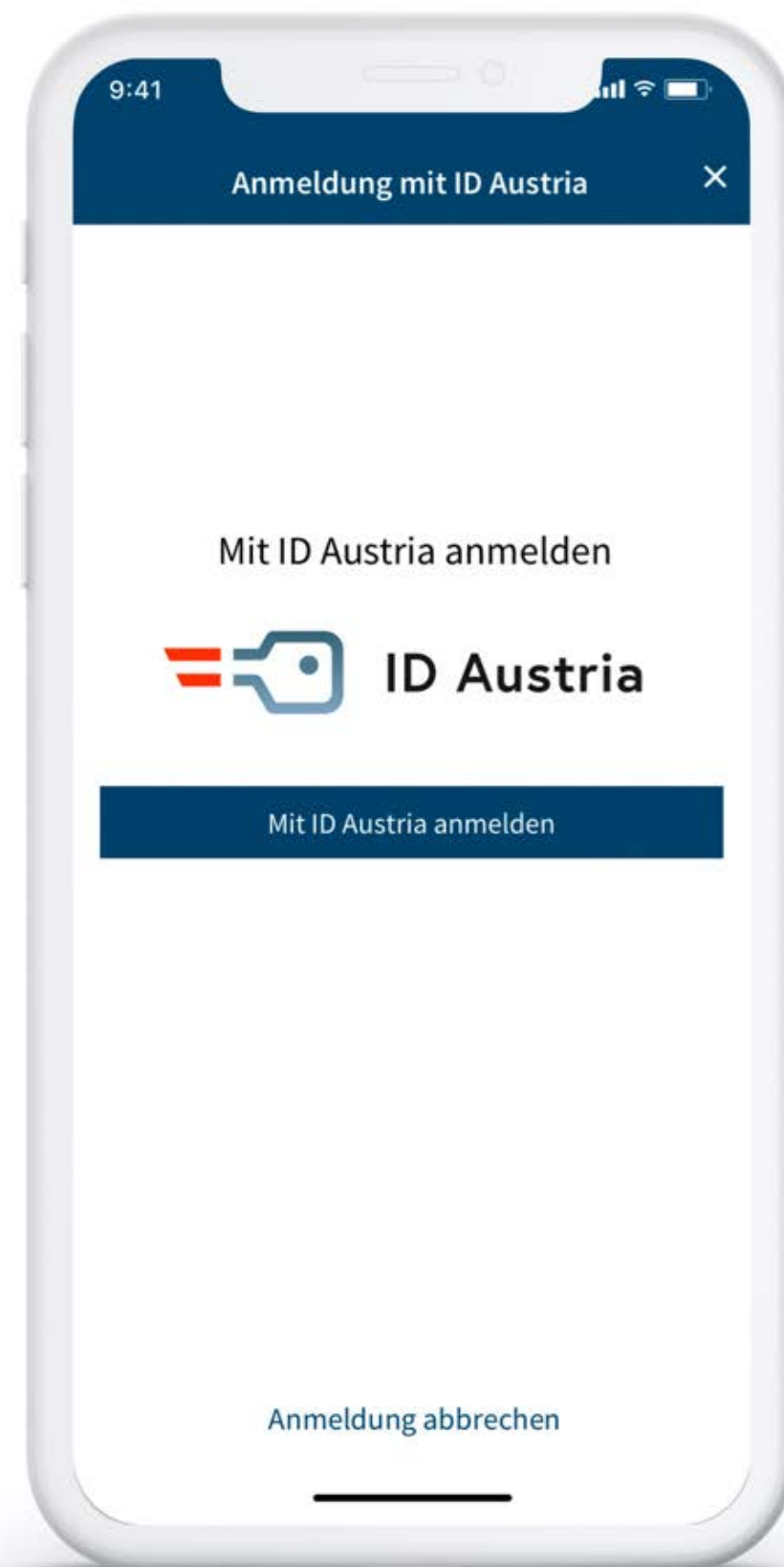


# ID Austria - The consistent further development of the mobile phone signature

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- Mobile phone signature based on the citizen card concept is a good starting point, but further development is required....
- Basic concept



Essential characteristics:

Unique identifiers on a sectoral basis (bPK)

Identification & authentication via qualified electronic signatures

Connection of services (including apps) based on established identity protocols (SAML 2.0, OpenID Connect)

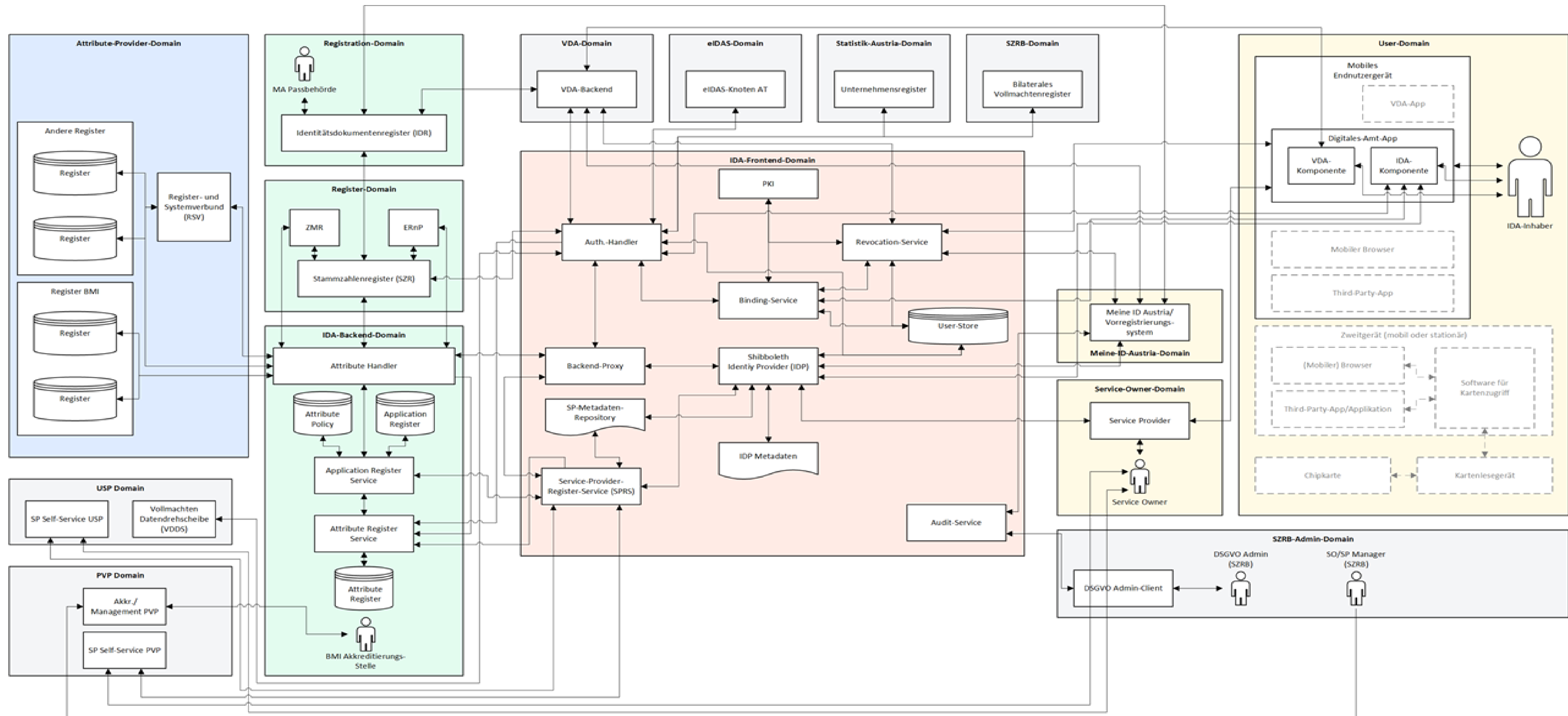
Provision of data ONLY with the consent of the citizen (data sovereignty)



# ID Austria: Architecture

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## Electronic proof of identity (E-ID) = ID Austria

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- E-ID as a basic infrastructure for business, administration and society is the central basis for further developments and is therefore a key location factor
- Further development of the citizen card and mobile phone signature into an electronic identity card
- Joint project BMI/BMDW
- Registration process only via authorities
- eIDAS conformity in focus
- Basis for the ID card platform
- Delivery of additional attributes
- The new fully functional ID Austria also offers new application options, such as the ID function on smartphones and EU-wide recognition.



**ID Austria**



## General conditions for ID Austria

- Data sovereignty of the citizens must be ensured
- Transparency of use (comprehensibility of use for citizens/users)
- self-determination
- Where and when do I use ID Austria and which data do I want to pass on to whom
- Secure use of services on the Internet (e.g. through two-factor identification)

- EU – eIDAS-VO: Creation of the prerequisites for the notification of the Austrian electronic identification system (previously citizen card); Recognition of E-IDs notified by other member states since September 29, 2018
- August 27th, 2021: Notification process of ID Austria started; peer review successfully completed
- Publication of Opinion No. 1/2022 of the Cooperation Network on the Austrian eID scheme “ID Austria” on the website of the Europ. Commission on February 28, 2022
- Publication of notification by EC on April 27, 2022



## Legal framework in Austria

- E-Government Act - the necessary changes were announced on July 31, 2017 (Federal Law Gazette I No. 121/2017)
- Supplemented by amendment Federal Law Gazette I No. 169/2020
- Changes to the SourcePIN Register Authority Ordinance and Supplementary Register Ordinance
- E-ID regulation
- More security through sovereign official registration of the electronic proof of identity

## Regulatory Registration Process

- Registration for citizens ex officio when applying for a travel document through passport authorities (between 600,000 and 800,000 per year)
- Also possible on request; Extension in Self Service
- For foreigners who have a sufficient connection to the country the registration at the locally responsible state police headquarters (LPD) must be carried out at the request of the person
- Collection of identity data in the course of E-ID registration in the identity document register
- Since January 28th, 2021 piloting of registration at approx. 500 registration authorities (district administrative authorities and LPD, municipalities) as well as Austrian representation authorities





## Mobile phone signature - Migration

- The parallel operation of Handy-Signatur and ID Austria will end in autumn 2022.
- Until then, it is still possible for all registrars to activate mobile phone signatures.
- All approximately 3 million mobile phone signatures are migrated to an ID Austria with the existing range of functions of the mobile phone signature in real operation at ID Austria. For you this means in concrete terms: the same functionality, the same handling!
- This takes place within the framework of use and in the online process, in various online processes it is possible to switch to the ID Austria with basic or full functionality
- After the certificate has expired, you have to go to the registration authority

- users of the “Digital Office” app will be prompted to carry out a mandatory update after starting the app.
- In the course of registering in the app, users who have activated mobile phone signatures that are not officially registered are switched to ID Austria with basic functions.
- The ID Austria with basic functions can be used until the end of the certificate period (validity of the mobile phone signature = 5 years after issue/activation).
- The date of issue of the activation can be found in the signature contract of the mobile phone signature (can be found on ID Austria ([a-trust.at](https://a-trust.at))).
- After the certificate has expired, it is necessary to go to an ID Austria registration authority); a current passport photo is absolutely necessary.
- The user can see in the online process whether the mobile phone signature was officially registered or not.

## Delivery of attributes (from registers)

- With the new ID Austria, attributes from the registers will be delivered in the future (prerequisite: citizen gives consent), e.g.: registration address from the central registration register, age, etc.
- ID Austria is the basis for digital IDs or proof Q2 2022: Planned live operation of the digital driver's license
- ID platform: Subsequently, e.g. proof of age, student ID, etc. are possible



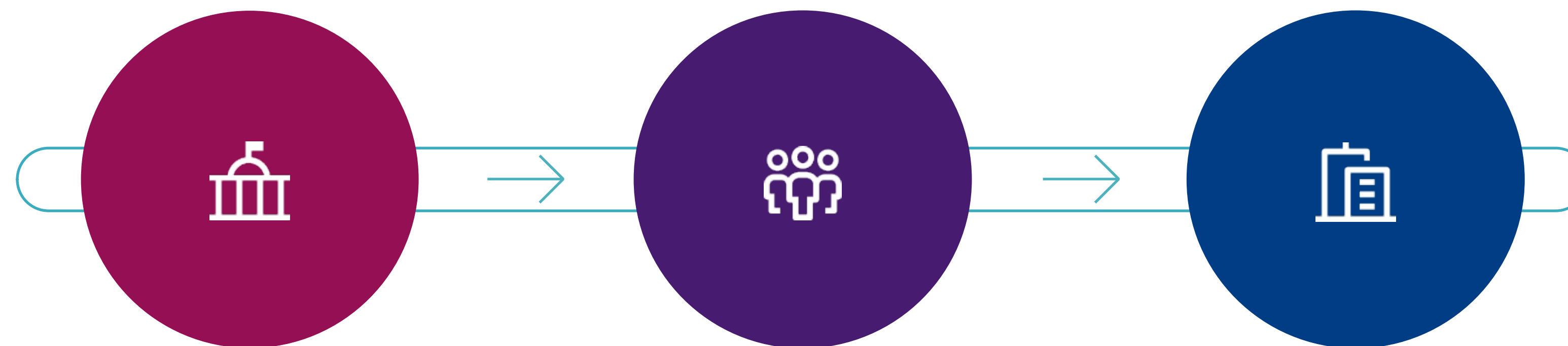
# ID Austria increases the efficiency of existing processes and enables new services

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ID Austria guarantees a simple, self-determined, secure and transparent provision of data



## Public Administration

Highly secure, free basic infrastructure instead of international data companies

## Citizens

Personal data sovereignty government data instead of digital control

## Economy

innovative business areas Increased efficiency instead of more bureaucracy

Thank You for Your  
attention!

