

German/US Expert Meeting

IT Security Association Germany (TeleTrust) in cooperation with FIDO Alliance

San Francisco, 08.06.2022

eIDAS 2.0, ID ecosystem and the role of authentication

Arno Fiedler, Nimbus Technologieberatung GmbH, ETSI ESI VC

Europe follows (roman) Civil law, so ex ante, instead of ex post regulation

2018:
GDPR
Regulation

2016:
eIDAS 1.0
Regulation

2020: Digital Identity for all Europeans

- *“Every time an App or website asks us to create a new digital identity or to easily log on via a big platform, we have no idea what happens to our data in reality.*
- *That is why the Commission will propose a secure European e-identity. One that we trust and that any citizen can use anywhere in Europe to do anything from paying your taxes to renting a bicycle.*
- *A technology where we can control ourselves what data is used and how.”*

Ursula von der Leyen, President of the European Commission, in her State of the Union address, 16 September 2020





The right of every person eligible for a national ID card to have a digital identity that is recognised anywhere in the EU and by “**very large platform operator**”



A simple and safe way to control how much information you want to share with services that require sharing of information



- Operated via digital wallets available on mobile phone apps and other devices to identify online and offline
- store and exchange information provided by governments e.g. name, surname, date of birth, nationality
- store and exchange the information provided by trusted private sources



Available to any EU citizen, resident, or business in the EU who wants to use it



Widely useable as a way of identification or to confirm certain personal attributes for the purpose of access to public and private digital services, esp. Qualified Trust Services across the EU



Giving full control to users to choose which aspects of their identity, data and certificates they share with third parties, and keep track of such sharing

2024:
DMA
Digital Market Act

2024:
eIDAS 2.0
Regulation

2024:
DSA
Digital Service Act

NIS II

2018:
GDPR
Regulation

2016:
EIDAS 1.0
Regulation

AMLD V
PSD2



National eID



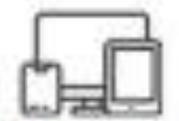
TSPs

attestation attributes

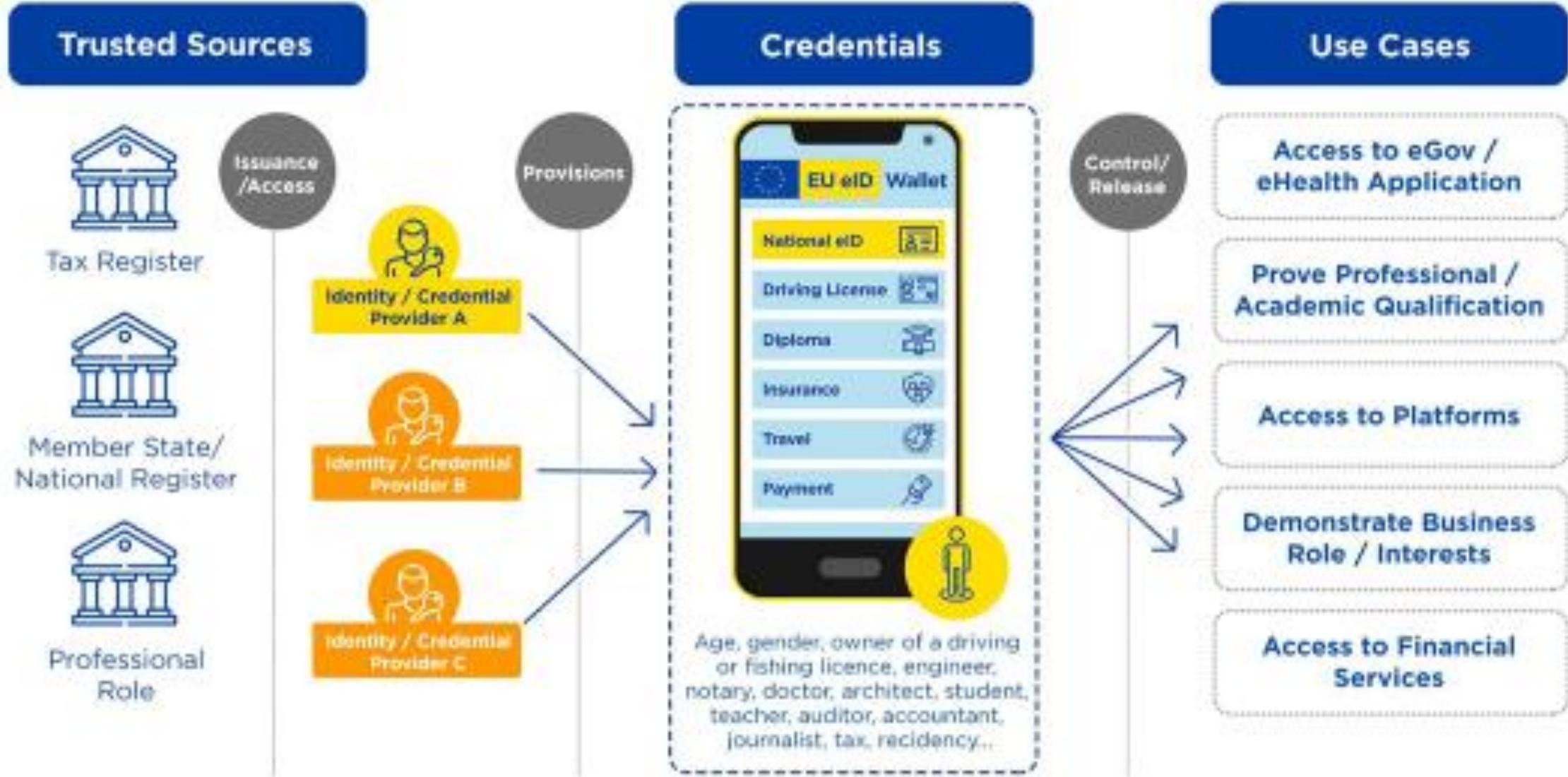


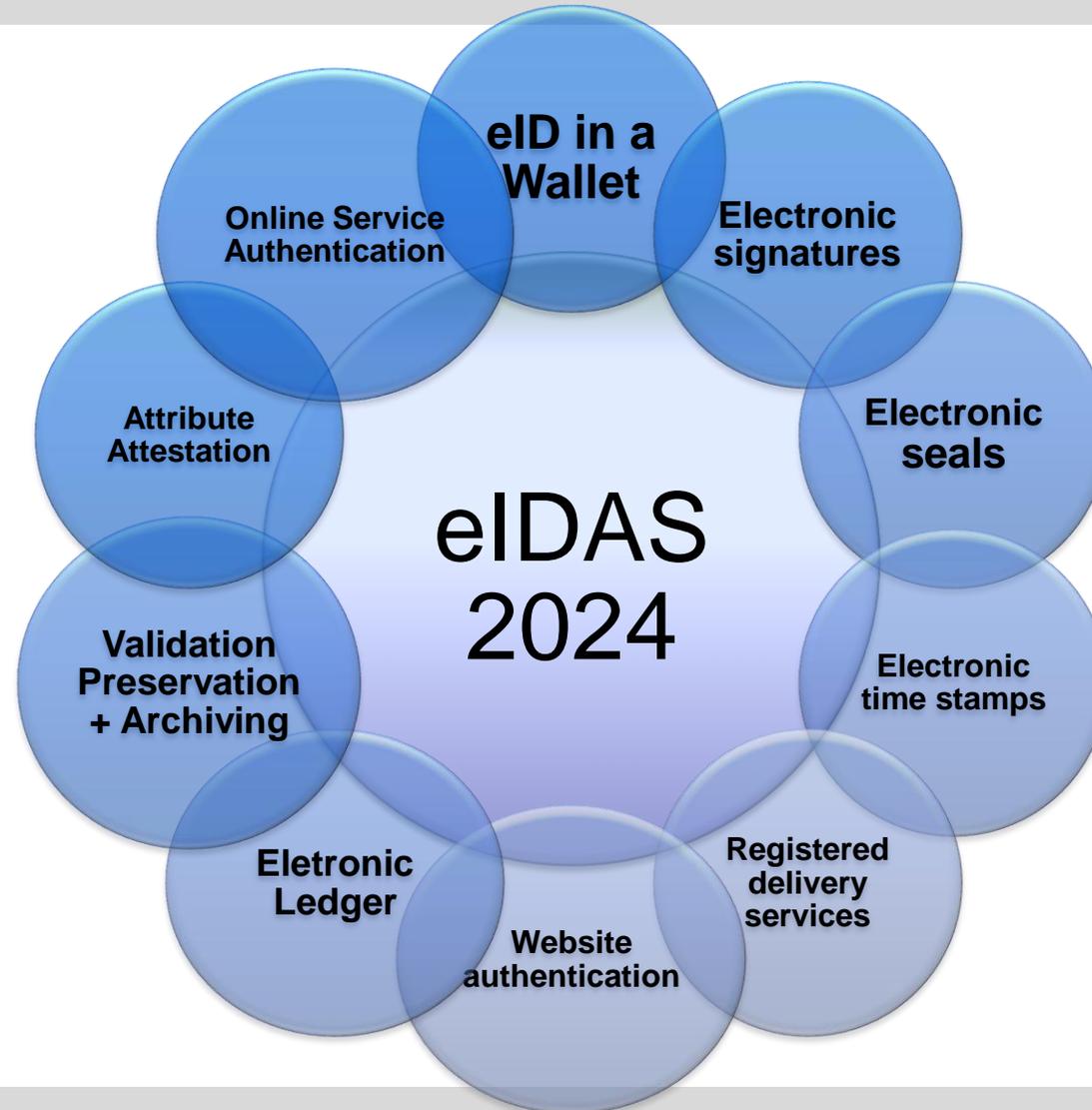
SELECTIVE DISCLOSURE

proofs of identity / attributes



EUeID - Ecosystem





eIDAS 2.0 “Cross-border reliance on European Digital Identity Wallets”:

Where very large online platforms (aka gatekeeper) as defined in DSA Regulation Article 25.1. require users to authenticate to access online services, they shall also accept the use of European Digital Identity Wallets ./.. strictly upon voluntary request of the user and in respect of the minimum attributes necessary for the specific online service for which authentication is requested.

DSA 25.1:

*online platforms which provide their services to a number of average **monthly active recipients** of the service in the Union equal to or higher than **45 million**,*

How FIDO can be used for authentication as part of EU Digital Identity Wallets, please see:

<https://media.fidoalliance.org/wp-content/uploads/2021/10/FIDO-ALLIANCE-Inputs-to-the-EC-on-eIDAS-2.0-October-2021.pdf>

Thanks!
Arno Fiedler