

MINDSHARE

2025 10-11 SEP

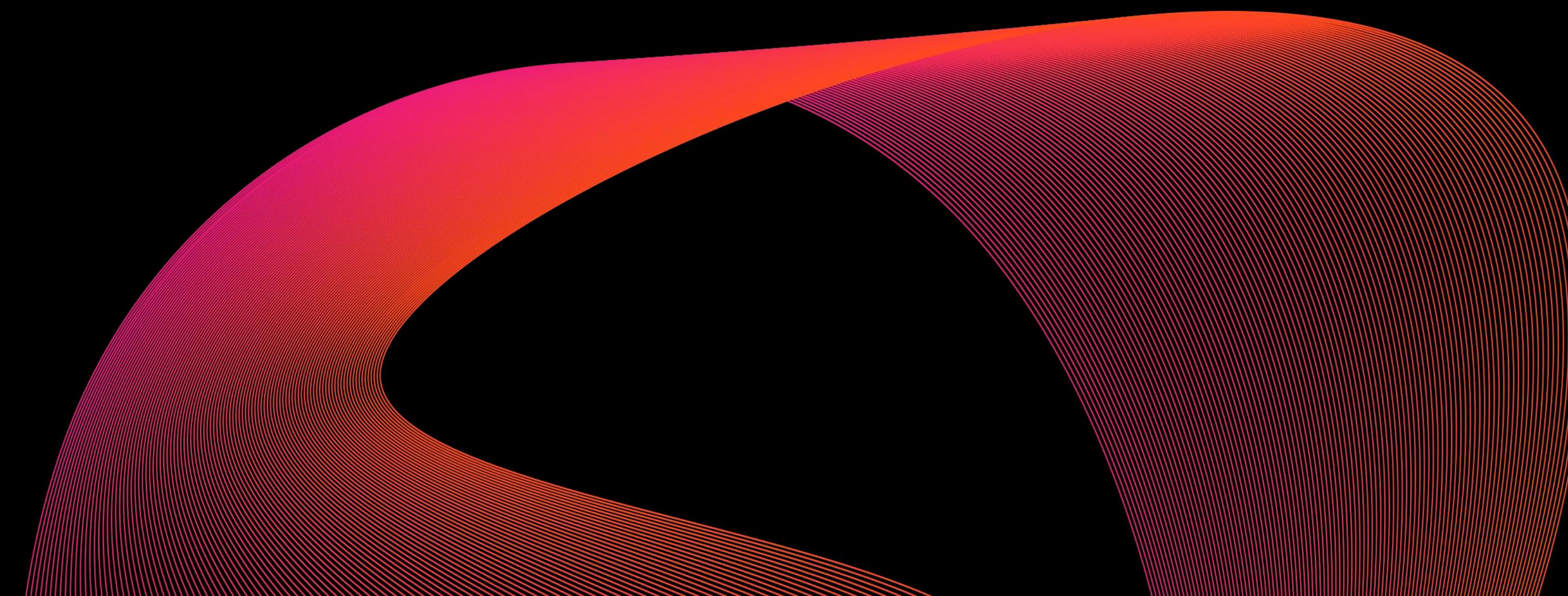
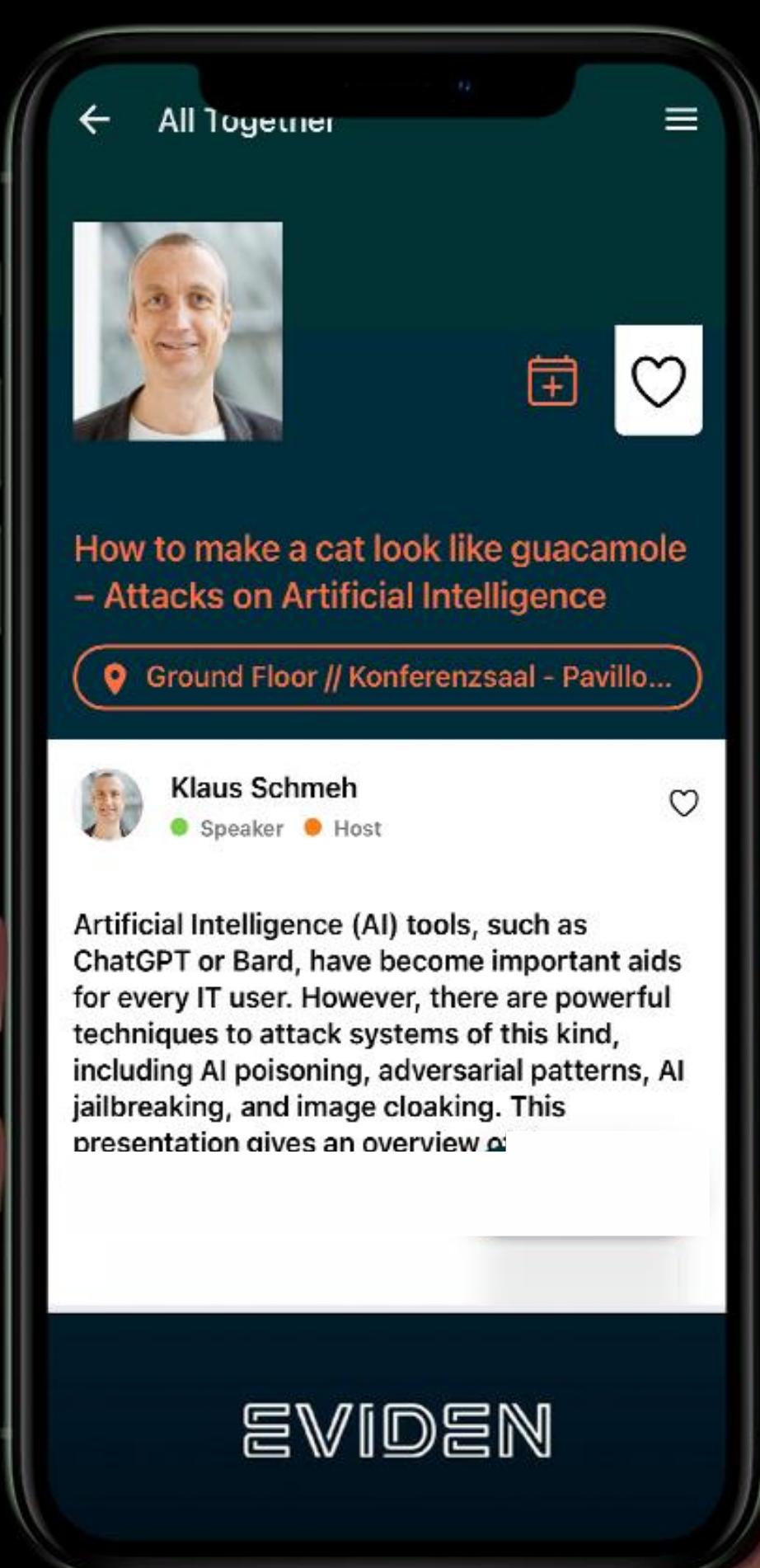
Securing
Identity for
our Digital
Future

CYBERSECURITY
LEADERSHIP FORUM

MINDSHARE AGENDA



GET APP



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Conversion of
existing national ID
systems
to a modern solution

How it all started

- Physical ID documents, fully analog
- Different sizes
- Different layouts
- Different data
- Different material



ISO 18013

ICAO 9303



Verified by people

Digitalization of documents

- Physical ID documents – with a chip
- Different layouts
- Different data
- Different material



ISO 18013
ISO 18013-3

ICAO 9303
ICAO 9303 p10

Verified by people and machines

Digitalization of documents

Chips enhance security and functionality

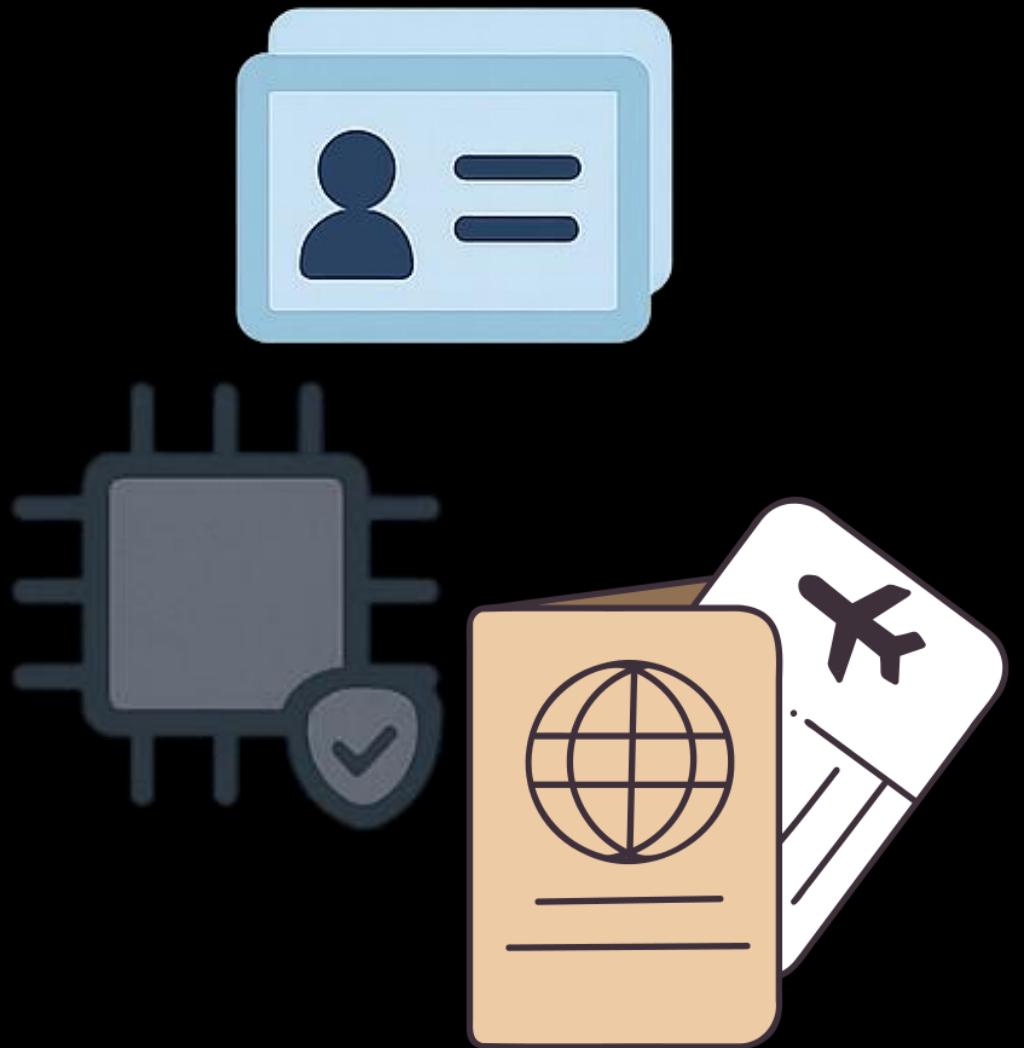
- Verification of the issuer
- Verification of integrity
- Certified hardware



require card reader infrastructure

Digitalization of documents

- Authentication
- Digital Signature
- Changeable Data
- Age check
- Multiple applications



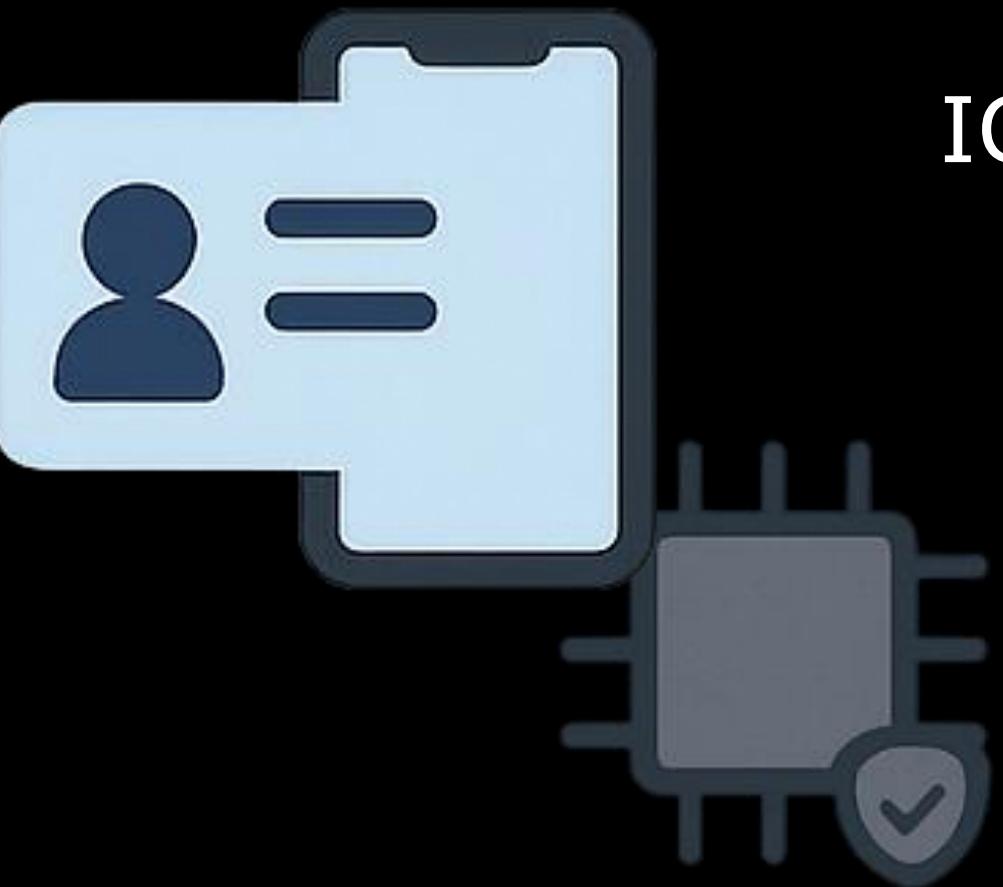
require card reader infrastructure

Digitalization of documents into the mobile World

Smartphones are the key into the digital world

ISO 18013-5
ISO 18013-7

- Verification of the issuer
- Verification of integrity
- Certified hardware?



ICAO DTC

Digitalization of documents into the mobile World

Smartphones are the key into the digital world

- Authentication
- Digital Signature
- Changeable Data
- Age check
- Multiple applications

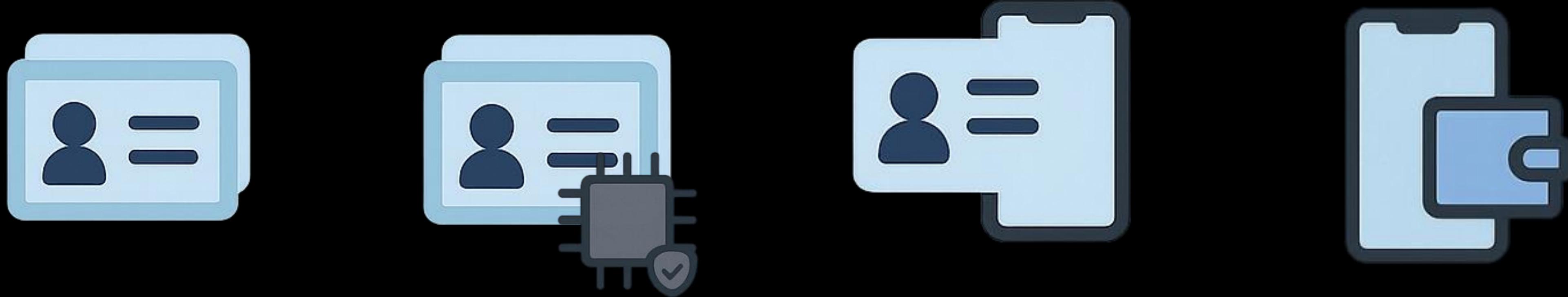


require purely digital verification
and workflow

Why do wallets sound so attractive?

- 85% of the population have a smartphone *
- Smartphones might have secure hardware embedded
- No need for additional hardware
- Much more memory and easily updateable

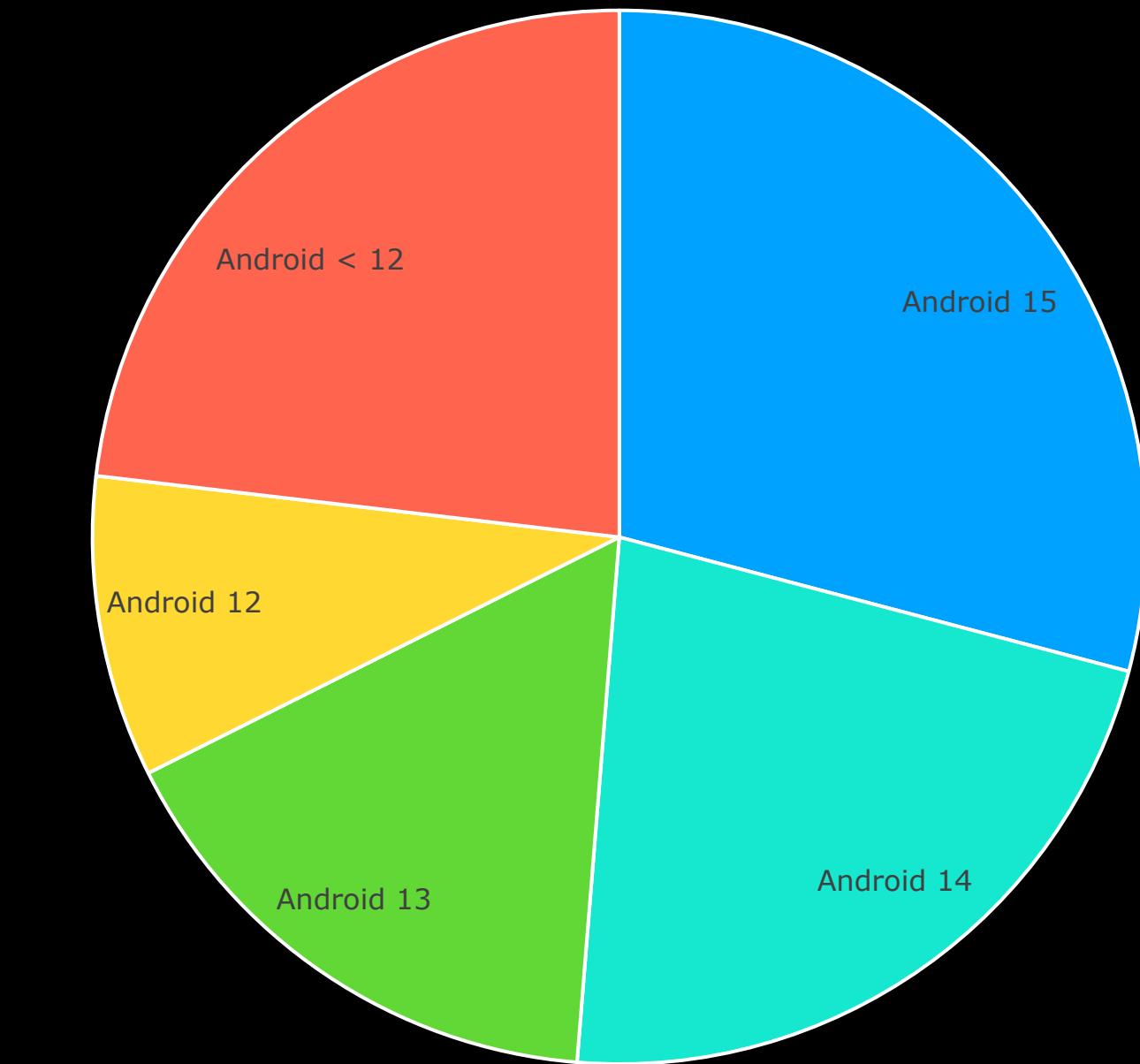
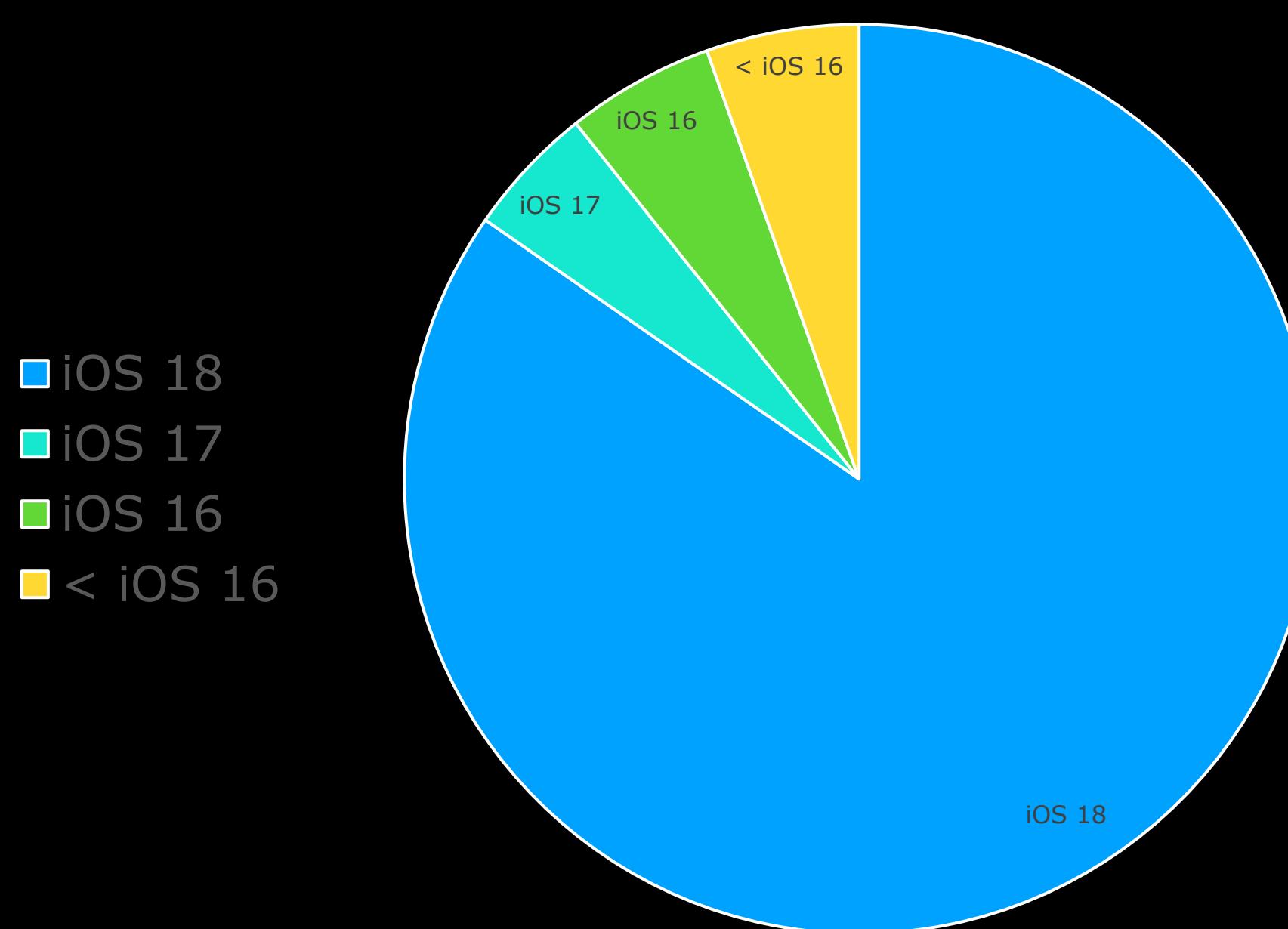




So we don't need a secure document anymore?

- People don't have a smartphone
- Many different mobile operating system versions
- Smartphones break
- Interoperability

So we don't need a secure document anymore?



Why not both?

- Wallet for every day use
- Card as a backup
- Card as the secure key store working with the wallet
- The citizen can choose what to use



Migration without interruption

- Keep the physical documents
- One card for multiple purposes
- Smooth introduction with a fallback



What we should aim for

- Interoperable solutions
- Inclusive solutions
- Convenient usage for the citizen
- Do not compromise security

Questions

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TAKE A MINUTE AND GIVE US FEEDBACK

