

Certification of EUDI wallet

- Conformance to CID (EU) 2015/1502 for assurance level high for eID part
- CC certification EA4+ AVA_VAN.5 for WSCD and if needed WSCA
- Use of tamper resistant hardware WSCD
- FITCEM (CEN EN 17640) like certification for more dynamic parts (wallet instances)

WSCA: wallet secure cryptographic application, WSCD: wallet secure cryptographic device

Robustness against presentation and injection attacks for remote identity verification systems

interpretation of needed resistance for a specific level of assurance

Future certification scheme of the wallet

- TS 18099: Biometric data injection attack detection (already voted)
- European requirements for biometric products (in preparation)

Equivalent evaluation

Same ruleset for everyone

Implementing acts
Providing more detailed rules on implementing eIDAS

European standards
Adapted to the singularities of European legislation

International standards / technical specifications

- Many standards existing, others in work, some still missing

Pillars of trust for implementing eIDAS v2

- Qualified trust services / notified eID schemes / EUDI wallet
- Same ruleset for everyone
- Equivalent evaluation
- Cooperation

Roles of ANSSI in eIDAS

- French National cybersecurity agency (ANSSI)
- SB for trust services
- SB for cybersecurity aspects of EUDI wallet
- Certification of eID means and EUDI wallet
- NIS 2

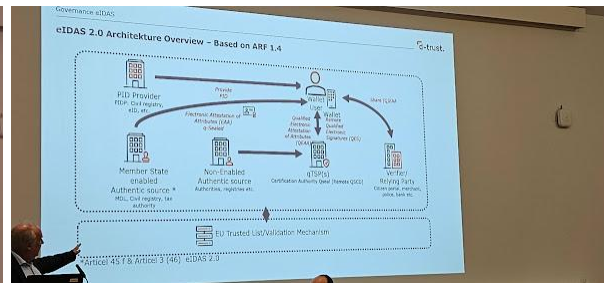
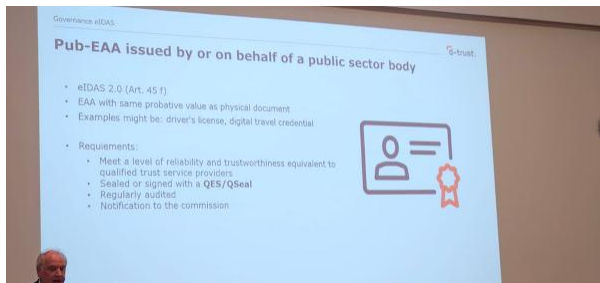
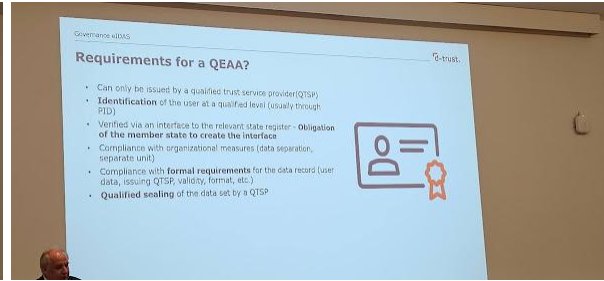
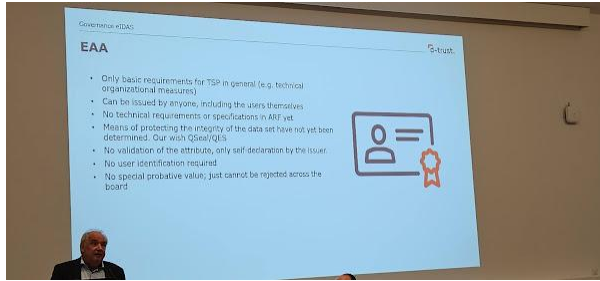
Compliance – and where we are heading

ETSI TS 119 461 CAB conformity assessments are common
Now, explicit statement of use cases supported is required

- New version has a clear indication for the following direction:
 - Establish an EUCC scheme for identity proofing
 - Or at least for core parts – biometric processing, presentation attack detection/prevention, injection attack ejection/prevention
 - Establish an EU accreditation system for evaluators (labs)
- When this is done, require the scheme and external lab tests
- Future version of the standard – premature at this time

My option





ENISA meeting - 6th session

Christian sergebarth d trust

- Qtsp are authentic sources
- They deliver things to the wallets
- Things are signed and sealed
- Pub eaa
- What kind of databases and interfaces will be available
- Eaa can be used by anyone
- No validation of the attributes just seal them
- Eaa jade's baseline b
- RegEntry is the point to identify the issuer
- For credentials there is this standard

- Andreas wand
- Idiot's peek.
- 3 open problems
- How does qtsp prive user authorisation
- Potential threats scenario
- Integrate qeaa to the authentic source
- Schem stabdarisatio versus zkp

No EU regulatory requirements on zkp
Over granular qeaa jeopardize functionality
Revocation problems of qeaa
Liability of qeaa when authentic source changes?
How to assess the attribute is still valid?
Automatic queries for eaa on issued attributes

Jon olnes
Identity proffing

Remote identity proffing does not exist in most countries
Update on the standards for eidas 2
Prove you id using at least one authoritative means
Supplementary evidence can be bank login
Standard brings good use case requirements
Onboarding for the wallet will use this standard
Remote need to do a video. Photos is not enough
ETSI does not standardise biometrics
A lot of changes from eidas1 to eidas2
Problem of video spoofing
Injection attack bypassing the camera
Deep fakes are a problem now

Andrea rock
Best practices for implementation eidas 2

Pilar's for implementing eidas2
Same ruleset for everyone, equivalent evaluation, cooperation
Wallet certification eea4+ wscd and wsca
Use tamper resistant hardware on the wallet

Panel
A lot of changes on eidas1
Remote signature are a big possibility
Eidas was successful in the cooperation between different bodies
The problem of digital was important for making some things happen
The best hopes for QTSP are on QEAA
Creating new services is paramount for the future. Its is a plain field on that.
article 45 is very important for browsers
do you believe in qualified ledger?
it is possible if well certified
does it compete with time stamping?
the challenge is making qualified ledger operational
Auditing on qualified ledger and auditing for qualified archival
use of certificate transparency logs and transparency
Certificate transparency for public use require resources
ETSI and the browser are working to make CT workable and inclusion of the TSL on browsers

