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# ENISA Remote video identification: Attacks and Foresights

Block: *National Implementations*

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# German requirements on remote identification

**Eva-Vanessa Ernst**

PR & Supervision Clerk Identification Methods  
Electronic Trust Services | BNetzA

+49 6131 – 18 0 | [eidas@bnetza.de](mailto:eidas@bnetza.de)

## 1. Actual implementation in Germany

- Identification method according to Art. 24.1 d) eIDAS
- German Trust Services Act
- Recognition Procedure

## 2. Prospects

- Current revision of the supplementary assessment criteria
- Innovative identification methods e.g. smart eID

eIDAS 2.0:

- No national recognition
- Confirmation of an identification method by CAB sufficient

Identification method according to Art. 24.1 d) eIDAS  
“other identification methods recognized at national level”



National level in Germany: Trust Services Act (VDG)



other identification  
methods (11.1)  
e.g. Video  
Identification



innovative identification  
methods (11.3)  
e.g. Video Identification  
with automated procedure



(1) After consulting the affected groups and in agreement with the Federal Office for Information Security, the Federal Network Authority shall specify by order in the Official Journal which **other identification methods** as defined in Article 24.1 d) of Regulation (EU) No 910/2014 are recognised and which minimum requirements apply thereto.

- 13.06.2018: First national recognition of other identification methods: „Identification of a natural person applying for a qualified certificate by means of **video identification**. “
- 05.08.2020: Prolongation
- 22.12.2021: Prolongation until December 2023



(3) **Innovative identification methods** not yet recognised by order in the Official Journal may be *provisionally* recognised by the Federal Network Agency for up to two years in agreement with the Federal Office for Information Security and after consultation with the Federal Commissioner for Data Protection and Freedom of Information, provided a conformity assessment body has confirmed that the identification method has equivalent security as defined in Article 24.1 d) of Regulation (EU) No 910/2014.

- 01.04.2021: National recognition of innovative identification methods: „Identification of natural persons regarding application for qualified certificates using **video identification with automated process**“.
- 22.12.2021: Prolongation until December 2023
- Since November 2022: first time use applied to a QTSP – evaluation phase



- limitations
  - both methods cannot be used for issuing QWACS
  - intended for issuing qSig and qSeal for one time use only (“ad hoc certificate”)
- reporting of suspected fraud
- assessment of appropriate implementation (by CAB: latest technology developments, additional assessment criteria for CABs)
- Supplementary assessment criteria for both identification methods



- to be used by CAB according to Art. 24.1 d) to confirm „equivalent assurance to physical presence“

Includes special technical and personal requirements regarding the process and the performance of the identification services providers, e.g.:

- Resilience Test
  - False-Acceptance-Rate
- Penetration Test
  - 3D Mask Attack, Photo Attack
  - Video Reply Attack, Deep Fake Attack





- current revision of the supplementary assessment criteria
- first active use of automated video identification procedure since November 2022 at a QTSP, we are now starting the trial phase
- new innovative identification methods smart eID will start this year
  - ID data is read from the eID applet in the Secure Element of the smartphone

under eIDAS 2.0:

- no national recognition
- confirmation of an identification method by CAB sufficient



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# Thank you for your attention

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