



Dutch Authority for Digital
Infrastructure
*Ministry of Economic Affairs and
Climate Policy*

Remote Identity Proofing

Current situation and challenges in The Netherlands

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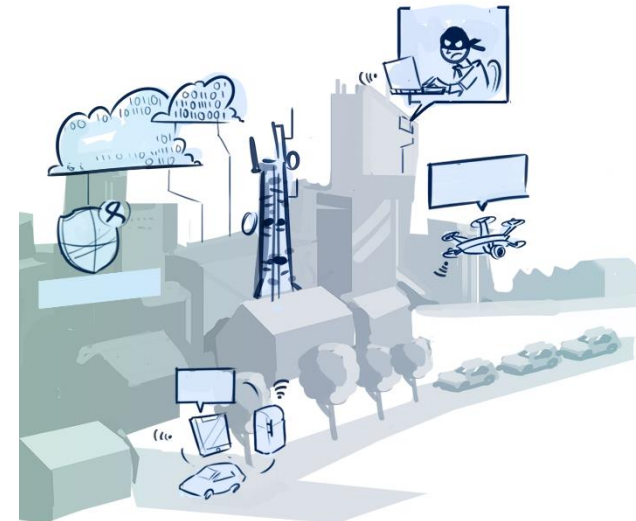
How do we call this thing?

We would like a clear name to group activities, legislation and standardization efforts

We need a clear distinction from 'Remote Biometric Identification' as mentioned in the AI-Act

Because we are not discussing mass surveillance tools today

- › *Remote Identification?*
- › *Remote Video Identification?*
- › *Remote Identity Proofing?*
- › *Remote Identity Vetting?*
- › *Other Identification Methods?*
- › *???*





Dutch Authority for Digital Infrastructure

- Supervision of Trust Services
Enforcing the eIDAS regulation and Dutch Telecommunications Law (Telecomwet)
- Supervision of eID providers
Enforcing the eIDAS regulation and Dutch Digital Government Law (Wet Digitale Overheid)
- And much more...





Current Situation in The Netherlands



- › Remote Identity Proofing used in many sectors
 - eID and Trust Services
 - Banking and Finance
 - Mobility, Healthcare, ...
- › Strong increase during Covid
- › Operator-based, automated and mixed methods in use
- › No specific legislation
- › Case-by-case supervision
- › No major incidents (yet?)



Process and Attacks



- > ID Document Verification
 - Most attacks on this process
 - Optical verification is not safe
 - NFC should be used
- > Liveness Verification
 - Increasing, advanced attacks
 - Difficult to trust source devices
 - Specific strengths and weaknesses for human and automated checks
- > Biometric Comparison
 - Not many known attacks
 - AI outperforming humans



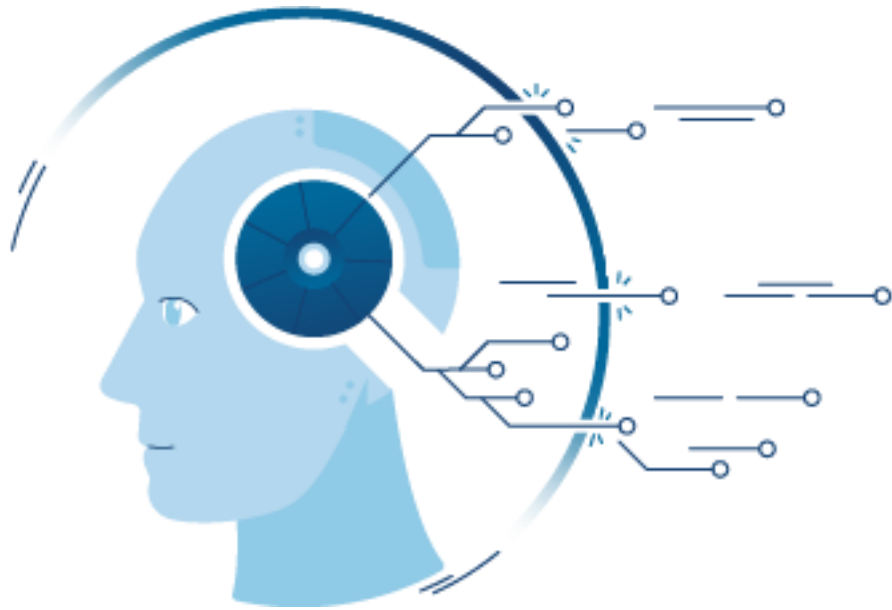
Challenges



- › Measuring performance
 - Three individual statistics?
 - From reliable sources?
- › Follow the supply chain
 - Products or services?
 - Systems integration?
 - Suppliers outside EU?
- › Cybersecurity
 - Trustworthy systems?
 - Endpoint control & pentests?
 - Data protection?
- › Artificial Intelligence



AI is a gamechanger



- > AI specific risks
 - Bias
 - Lack of transparency
 - Ethical concerns
- > Specific governance
 - Data and training policies
 - Supply chain management
 - Updates and evaluation
- > Challenges for auditors and supervisory bodies
 - New skills and knowledge
 - Missing standards & guidelines
 - Dynamic (moving) target



How to proceed?



- › Update Legislation
 - Harmonize across EU
 - Similar for eID (Wallet) and TS
- › Expand Standards
 - Norms on performance
 - Specific controls for AI
- › Harmonize Testing
 - Use independent testers
 - Maintain harmonized test sets
- › Build Maturity
 - Keep records and statistics
 - Share experiences and incidents



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