NFIQ II

Requirements and implementation in large scale systems

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Applications and QC-Algorithms

- Police transactions
- Asylum seekers
- VISA-applications
- National and International exchange
Dependencies

- Police booking stations
- Civil booking stations
- Mobile devices
- External (Pruem, INTERPOL, EURODAC etc.)

COMUNICATION INTERFACES

TRANSACTION HANDLING SYSTEMS

AFIS ACQUISITION STATIONS

AFIS-SYSTEMS

NIST DATABASES

QC-ALGORITHMS IN USE (E.G.)
- Crossmatch
- NFIQ I
- Awareness
- Other Proprietary
- SK 4 (VIS)

EXTERNAL (Pruem, INTERPOL, EURODAC etc.)
Lacks of the current system

- No standardized QC-algorithm that can be used systemwide
- Quality requirements of the central unit can’t easily be checked at the booking station
- Lots of rejections, that would not be necessary
Use cases / aims for NFIQ II

- Automatic rejection of poor quality transactions
- Replacement of any quality check on capture stations and other implementations
- Training on latents (NLIQ) for workflow selection
Future planning

- Police booking stations
- Civil booking stations
- Mobile devices
- External (Pruem, INTERPOL, EURODAC etc.)

NFIQ II – check
(future planning)

- Communication interfaces
- Transaction handling systems
- AFIS acquisition stations
- AFIS-Systems

NIST databases
Bundeskriminalamt

ZD23-1 AFIS Planning – Development - QC
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