OCR for Customs Declarations and Transport Documents

Context:

- Scanned customs declarations and other transport documents
- Various document types with predefined structure and content
- Different scanning devices and human error in the execution of the scan which affects the image quality

Task:

- Optical charachter recognition (OCR) of scanned documents
- Extraction of important information from the image
- Classification of the document types
- Transform output data in EDI (and other formats) for interface connection

Performance:

- Human supervision because of incomplete classification is to be reduced to a minimum
- Missclassification leads to processing wrong information
- High accuracy is needed