

► VISOCORE INSPECT®

SOFTWARE SOLUTION FOR SECURE DOCUMENT VERIFICATION



► Passports and ID cards prove our identity. In order to improve and facilitate the verification of such documents, Bundesdruckerei offers VISOCORE® Inspect, along with VISOCORE® Reference and the VISOCORE® Update Service which supplement the software package.

The VISOCORE solution achieves a new dimension in the quality of automatic verification and visualisation of ID documents. This is because it not only recognises classical optical security features, it also reads the electronically stored ID data and processes this for the next checking procedures. Another advantage is that the VISOCORE solution can be used irrespective of the device in use, making installation on different device platforms possible. A further convincing feature is the underlying document database which is continuously updated. ◀

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BUNDESDRUCKEREI SYSTEM PORTFOLIO



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► Applications

- Automatic verification of more than 700 document types from more than 130 countries using VISOCORE Inspect
- VISOCORE Reference additionally offers the matching catalogue with sample documents for on-screen comparisons
- Border control: for checking the authenticity of passports, visa documents and ID cards
- Customs authorities: for checking internationally valid ID documents
- Police authorities: for checking ID documents
- Finance sector: for checking the authenticity of ID documents

► Advantages

- Fast, automatic authentication and presentation of the document improve checking efficiency and precision. This also relieves the burden on the officers performing the checks.
- Future safety thanks to permanent updating of the document database and simple integration of future or customer-specific checks – for instance, international database queries.
- Intuitive and easy-to-adapt user interface with minimum interaction enables checking processes without time-consuming and costly training measures.
- Optimum check results thanks to clearly structured comparison requirements for valid verification decisions and results.

► Properties

VISOCORE® Inspect

- Reading and verification
 - Optimisation of optical images under various kinds of lighting (white light, UV, IR)
 - Optical reading and processing of the Machine Readable Zone (MRZ)

- Electric reading of the data of an RFID chip (support for Basic Access Control (BAC), Extended Access Control (EAC); Active und full Passive Authentication)
- Reading of barcodes (on request)
- Verification of other machine-verifiable features, such as Diffractive Area Code (DAC) or Identigram®

- Checking the authenticity of
 - the security paper
 - security features under various types of lighting
 - potential damage to special laminate materials (on request)
 - biometric features by integration into Bundesdruckerei's Border Control Platform
- Further-processing options
 - Passing on of all images and extracted information and results to external applications via a platform-independent interface (SOAP)
- One-year free update service included

VISOCORE® Reference

- As a supplementary software package, Bundesdruckerei supplies sample images of each document that can be checked. These are shown under various types of lighting – including infrared, white light and UV light. They can also be enlarged parallel to the original picture. This means that even in the case of less well-known documents, control authorities now have clearly structured comparison parameters.

VISOCORE® Update Service

- Bundesdruckerei offers up to ten updates per year. This guarantees that the document database is always up to date. The updates integrate the latest information on international travel documents. They also include all known forgeries. This ensures the same high quality for all forgery detection functions. This also maintains and, over time, increases the value of the database.