

DESKO SHIELD *Integrated and Optimum*

Boarding Pass and ID Validation at the Security Checkpoint



DESKO SHIELD is THE solution to optimize passenger flow while implementing enhanced security into passenger processes. The introduction of IATA Barcoded Boarding Passes (BCBP) is at full speed and improves passenger Check-In and Boarding. However, BCBP's can be easily copied and misused. To ensure that only validated passengers get airside is the purpose of DESKO SHIELD. SHIELD collects valuable information for the airport and airline community, reduces flight delays and allows to better plan and allocate resources.

Your Advantages

- Verifies all boarding pass types, ATB, IATA 2D BCBP - paper and mobile
- Reads passports and IDs including security features
- Enhances airport security
- Speeds up Passenger handling at Security Gate
- Unburdens security agents
- Scalable solution for integration in small and large airports

The Application

The integration of Barcoded Boarding Passes (BCBP) brings up a new risk when handling Passengers throughout the airport. BCBP's can easily be copied or multiplied, which would allow unauthorized persons to enter the gate area..

DESKO SHIELD collects the information from BCBP's and ATB boarding passes, checks the validity of the document, checks if the same boarding pass has been used for gate entry and if this boarding pass is issued for a flight in a particular boarding gate/ security gate area. SHIELD stores the information in a database providing statistical data to improve and plan passenger flow and resources e.g. Number of Security Gate Agents accordingly. In addition it provides information for the Airline to allow clear decisions on when a boarding gate can be closed.

Components

DESKO SHIELD consists of:

- SHIELD Client Application
- SHIELD Database and Server Application
- Open Interfaces to e.g. AODB
- Statistical Module
- Optional Gate Client Application

Security

DESKO takes pride in its SHIELD, which is known for being secure and reliable. Hence, your requirements concerning permanent availability, data protection and data backups are warranted and the possibilities of other solutions are excelled by far.

System Requirements

Client:

- SHIELD BP or FP Hardware
- PC with WinNT / Win 2000 / Win XP operating system
- USB and/or RS232 connector
- 128 MB RAM, 5 MB free space on hard-disc
- Network connector with installed IP services

Server:

- The server hardware will be scaled according to the number of clients, whereby the SHIELD server can run on a single workstation as well as in a network of hundreds of clients.

By the scalable software, the mature DESKO hardware and Service Oriented Architecture (SOA) concept DESKO SHIELD is the solution to enhance security while improving passenger flow at airport security gates. DESKO offers solutions to improve passenger handling and save money at the same time.

We would be pleased to discuss your specific requirements and objectives in a personal conversation. Feel free to contact us at your convenience.

DESKO

Gesellschaft für Dateneingabe-systeme und Konzepte mbH

Gottlieb-Keim-Straße 56
95448 Bayreuth
Germany

Phone +49 (0)9 21-7 92 79-0
Fax +49 (0)9 21-7 92 79-14
shield@desko.de
www.desko-shield.de