

GAVS[®]

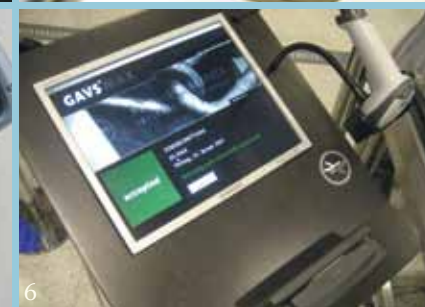
A NEW POWERFUL TOOL FOR AIRPORTS AND AIRLINES



DEVICES



- VERIFIES BOARDING PASSES PRIOR TO SECURITY CHECKPOINTS AT AIRPORTS
- MEETS OPERATIONAL AND LEGAL REQUIREMENTS
- ACCELERATES PASSENGER PROCESSING
- SUPPORTS AUTOMATED QUEUE MANAGEMENT DECISIONS
- DELIVERS UNIQUE DATA TO AIRPORT OPERATORS



- 1 Device Server
- 2 Sensor Gate
- 3 Mag Stripe Reader
- 4 Barcode Imager
- 5 Mobile Device
- 6 Desktop Client

OPERATIONS

Many airports and airlines have launched projects to optimize their processes. Basically, both parties try to reach the same goal: cut costs and make travelling more comfortable for the passenger. GAVS® offers opportunities to optimize and accelerate the passenger flow in an airport terminal.



Operational features:

- first (and only!) indicator for a no-show for all passengers who received their boarding pass off-airport
- Support for an automated queue-management prior to the screening gates by opening additional fast lanes for flights that depart in short time
- Prevent passengers from going airside in the wrong terminal
- Basic passenger reconciliation
- Provides accurate data for billing to 3rd party contractors
- Possible integration of airside retailers
- Platform for self-service passenger information terminals

Flight No.	Name	Gate	Passport no.
AA 1111	John Doe	10:00 (10)	123456789
AA 1111	Jane Smith	10:00 (10)	987654321
AA 1111	Bob Johnson	10:00 (10)	112233445

SECURITY

The 2D-barcode technology offers many advantages, but it also puts new challenges on security. Airlines, airport operators and other authorities have to face potential abuse. Home-printed boarding passes can be easily reprinted or faked. Modified boarding passes on mobile phones can be copied or forwarded. GAVS® is the solution to face these challenges.



Security features:

- Additional security tool (but without additional workload!)
- Can process the full range of media on which boarding passes are available
- Ability to detect duplicate boarding passes; protection against abuse
- Proven fulfilment of legal requirements

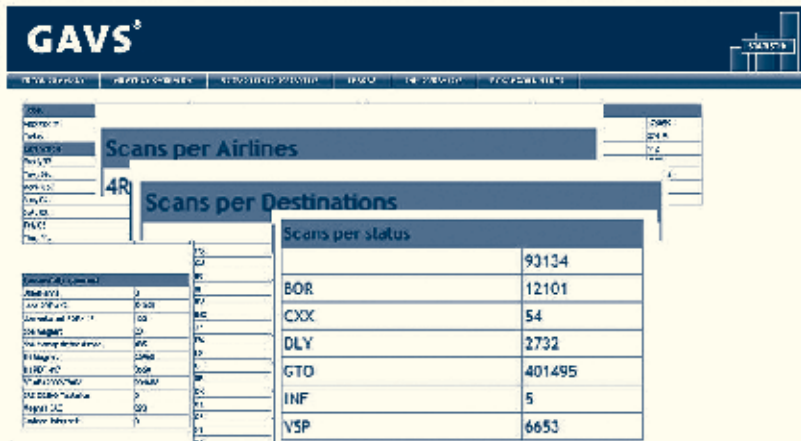
TECHNOLOGY

GAVS® is designed to operate in two modes: Attended by security staff or in self-service mode with automatic door/turnstile support. Depending on individual requirements, the customer can choose from a variety of different devices.



Technology features:

- Central database and core service
- Modularized interface to connect to different data sources like DCS, AODB or FIS systems
- Administration GUI for monitoring and maintenance
- Can operate with fixed and mobile terminals
- Modes of operation can be mixed (attended / unattended)
- Different output options: visual, acoustic, connection to a device server (Ethernet to serial)



STATISTICS

Passenger-related processes at an airport are mostly controlled by the airlines. Information the airport needs, can often only be determined by extensive surveys. GAVS® is a helpful tool which delivers data that have not been in existence before. A wide range of reports can help to plan and review utilization of staff and other resources.

Statistical features:

- Average dwell times of passengers in relation to airlines / destination / terminals / peak times
- Utilization / throughput of passengers per security lane
- Identifying and managing peaks at the screening gates
- Distribution of mobile / homeprinted / classic boarding passes
- Number of passengers on airside

FMO MÜNSTER OSNABRÜCK
INTERNATIONAL AIRPORT
HÜTTRUPER HEIDE 71-81
D-48268 GREVEN

TEL +49 (2571) 94-44 44
FAX +49 (2571) 94-14 59
INFO@GAVS.AERO
WWW.GAVS.AERO

