TDAS

we facilitate your travel document validation

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TDAS

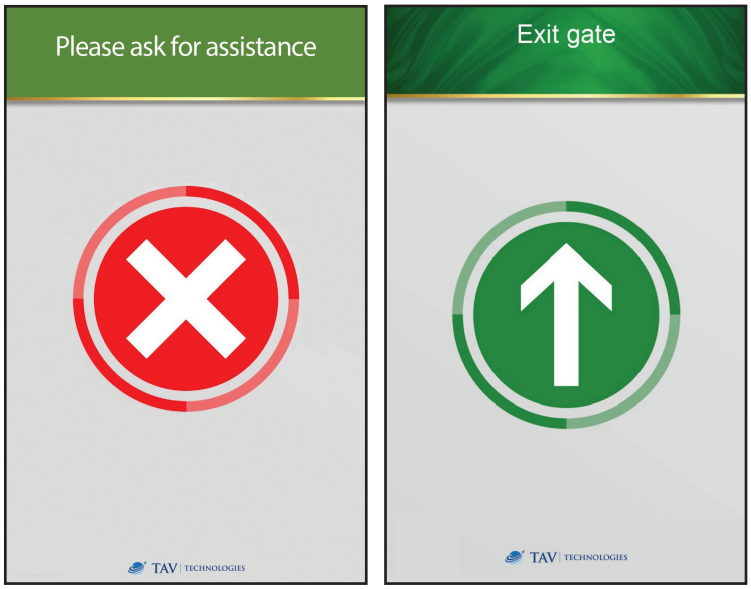
✈TAV TECHNOLOGIES TRAVEL DOCUMENT AUTHORIZATION SYSTEM (TDAS)

Boarding card validation is crucial for flight safety, airport security, passenger satisfaction and operational efficiency. In the ever busy environment of airports, it is essential to run the bar-coded boarding pass (BCBP) validation process quickly and reliably. **TAV TECHNOLOGIES TDAS** is a robust BCBP validation solution thanks to its advanced validation logic and effective integrations.

TAV TECHNOLOGIES TDAS validates the passengers' access to the secured zone based on the rules predefined in the system. The system is flexible to define the security regulations and airport preferences as rules, that way, the BCBP validation is run as an automated process and improves the operational efficiency at the airport.

The system uses two types of barcode scanning devices for validation: 1) Hand Held Terminals (HHTs) and 2) e-Gates. A BCBP can be scanned either by the passenger using an e-Gate, or by airport security agents using an HHT. The passengers whose access is validated are allowed to enter the zone. The system allows passengers to scan BCBPs in different formats such as check-in or self-service kiosk print outs, and mobile or home printed barcodes.

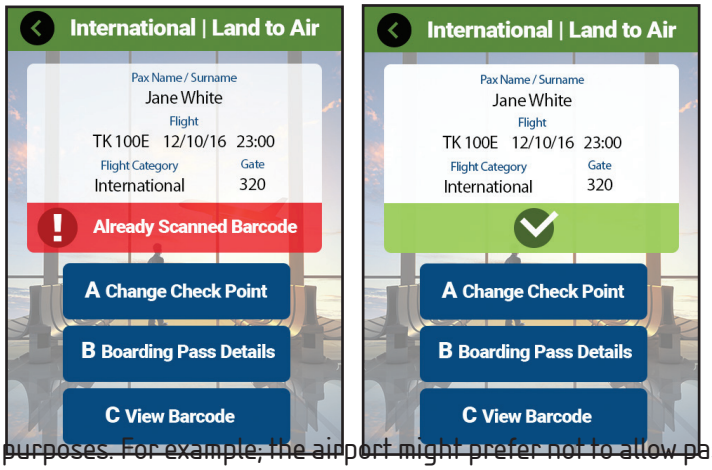
TAV TECHNOLOGIES TDAS e-Gates and HHTs provide a faster, simpler and more convenient BCBP security check process through an automated validation capability!



TAV TECHNOLOGIES TDAS can validate all required information based on regulations and airport preferences. These information include; the flight information, uniqueness of the scanned BCBP, terminal information and the status of the flight (e.g. cancelled, departed), as well as the time remaining to the departure time. To ensure the highest security and to rule out any potential human error, the flight information on the scanned barcode is validated against the most up-to-date flight information in the airport system. If passengers scan their BCBP in the wrong terminal, **TAV TECHNOLOGIES TDAS** does not allow passenger access and directs the passenger to the correct terminal displaying the correct terminal information on the device display. Also, if the predetermined threshold time for their departure has passed, **TAV TECHNOLOGIES TDAS** displays a warning message to help passengers catch their flight.

CONFIGURABLE RULE SETTING AND CONSISTENT BUSINESS LOGIC

The system offers flexibility to apply different control configurations for passengers with different status. For instance; if the airport prefers so, the access of stand-by passengers can be validated solely by HHT devices, and when passengers scan their BCBP at the e-Gates, they can be guided to the HHT operators. Additionally, the configurations for HHTs and e-Gates at different control points can be set differently, and these configurations can be easily managed on the administration module of TAV TECHNOLOGIES TDAS, thereby making the system adaptable for varying security controls of airports.



TAV TECHNOLOGIES TDAS is capable of performing passenger level security checks as well. In this type of security control, passengers' access are validated against the response received from the airline system.

TAV TECHNOLOGIES TDAS offers time-based access options that can contribute to the security controls or passenger density control purposes. For example; the airport might prefer not to allow passengers' access to the secured zone if there is longer than 6 hours to the departure time of their flight due to the limited capacity of the zone. Alternatively, access restrictions can be applied to the passengers who have shorter than 10 minutes to the departure time of their flight if the airport's physical conditions make it impossible for the passenger to catch their flight. All these configurations can be easily set based on the security requirements and the physical capacity of the airport.

TAV TECHNOLOGIES TDAS has consistent business logic in itself; every movement of passengers at the security control points are recorded in the system; either access to the secured zone or exit from the zone. This consistent business logic ensures that passengers will not face any irrelevant message when they try to access the relevant zone.

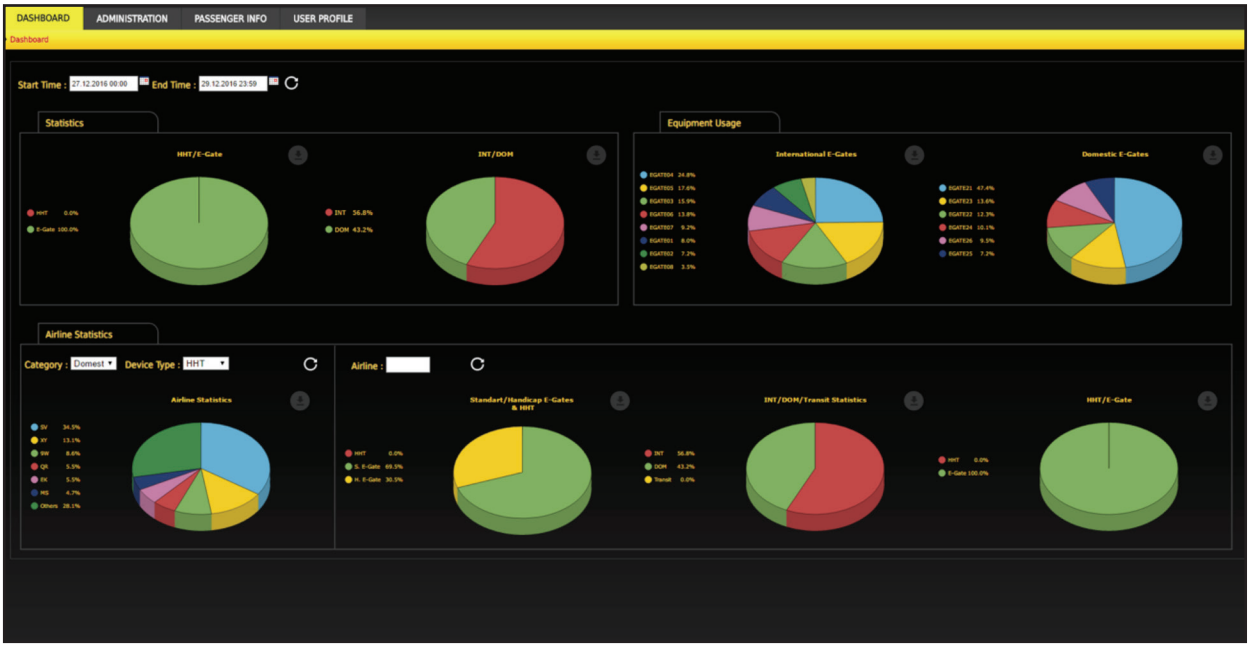
TAV TECHNOLOGIES TDAS significantly increases the efficiency of the passenger process at the security check points and reduces passenger waiting time in queues. Therefore, the system highly contributes to the passenger experience at airports.

TAV TECHNOLOGIES TDAS system can be extended to include biometric and ID Card/Passport readers so as to validate passengers' identities. Through integrations built with a passport and a biometrics database, the passport control processes can be automated in the system for citizens of the country or the regional union.

TDAS

EASY-TO-MANAGE ADMINISTRATION MODULE

The system has an administration module for configuration settings and reporting purposes along with a dashboard with live information from the operation. The system also offers a gate module that runs on CUTE/CUPPS workstations. The ground handling company can check which passengers have passed the security checks and take the necessary actions in case there is any delay in their passengers' flow in the airport.



KEY FEATURES OF TAV TECHNOLOGIES TDAS

- Web based administration module
- Scanning of all boarding pass types in IATA BCBP standard (check-in desk, kiosk, home printed or mobile)
- Configurable rule settings for BCBP validation
- Allowing airlines to track their passengers' access to the secured zone
- Tracing the passenger movement & activities based on boarding card information
- Generating reports showing passenger volume in the airport
- Integration with Airport Operational Database System
    - -Flight details and automatic flight data updates in real-time
- Optional integration with Departure Control System
- Optional integration with FIDS
- User friendly system with
    - -Multi-language user interface on e-Gate, HHT & Administration module
    - -Intuitive HHT user interface design
    - -User-oriented interfaces

Always There For You

KEY BENEFITS

- Enhanced security
- Improved operational efficiency
- Decreased passenger waiting time in queues
- Elimination of human error via automated processes
- Increased customer satisfaction
- Full compliance with industry regulations
- Data-driven decision making thanks to statistical reports and advanced dashboard
- Improved situational awareness for airports, airlines and ground handling companies
- Improved passenger movement monitoring
- Advanced passenger information sharing with airports, airlines, and security authorities

WHY TAV TECHNOLOGIES TDAS?

- **Boarding Pass Verification**: The system enhances security and accelerates the passenger flow process.
- **Reliability**: The system always runs in synchronization with integrated systems. Reliability of data is ensured across all systems.
- **Flexibility**: The system is flexible, and can be configured to implement numerous business rules and processes.
- **Improved User Experience**: Intuitive, color and image coded hand held terminal user interface with multi-language options improves the user experience and rules out user errors.

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