



## ARINC BORDER MANAGEMENT SOLUTIONS (ABMS)

# COST-EFFECTIVE DATA MANAGEMENT FOR SAFETY AND SECURITY

## Reliable and innovative traveler verification for government agencies

Governments around the world need to monitor and control the flow of travelers entering and exiting their country in order to maintain national security, identify high-risk individuals and combat illegal immigration.

Collins Aerospace ARINC Border Management Solutions (ABMS) are cost-effective, scalable solutions that enable timely decision making and risk prevention. As a leader in airline and airport technology solutions, Collins is a single source provider of networking and messaging systems with connectivity to the entire commercial transportation sector.

Our ABMS systems include a complete set of products and services to identify travelers, verify their backgrounds and validate travel documents. Systems include: Advanced Passenger Information (API), Passenger Name Record (PNR) and AviNet® email. We integrate data into existing systems and customize solutions for governments to collect and analyze the information they require – all while minimizing the cost of delivery and reducing operational costs for the airlines and governments.

Border management agencies need an efficient and secure way to communicate between transportation providers – and Collins ABMS deliver.

### KEY FEATURES AND BENEFITS

- Multiple data sources and formats
- Easy-to-use graphical user interface
- Integrates seamlessly with other systems
- Customizable for government requirements
- Secure data and mission-critical reliability
- Compliant with ICAO and GDPR global standards
- Scalable for specific government requirement

**Advanced Passenger Information (API)** enables interoperability amongst diverse worldwide communication systems, enabling a government to receive and validate traveler data prior to the individual's arrival into the country. Information includes biographical data for checks against law enforcement databases and meets entry/exit requirements.

**Passenger Name Record (PNR)** data provides more extensive traveler information and greatly expands the analysis capability of a government. The PNR system can quickly push data across all government agencies including immigration, customs, federal, police, judiciary, health and tourism.

**Interactive API (iAPI)** takes data management and transmission as a step further by enabling transmission and interactive queries to take place in seconds. This includes individual passenger queries and interface modules for vetting against watch lists and other databases.

**Collins AviNet® email** transmits passenger data via EDIFACT PAXLST or XML using an attached spreadsheet. ABMS reads the data, parses it and verifies it against the government's database for acceptance. Once verified, data is saved to an ABMS internal database where it can be displayed in a user interface, if desired.

## MORE FEATURES AND BENEFITS

### Multiple sources and formats

Capturing raw information from various systems, our ABMS delivers it in your desired format and provides a user-friendly interface and reporting capability for data analysis.

### Integration with locally developed systems

Collins ABMS distributes a broad mix of traveler and operational data, enabling governments seamless communication with existing and locally-developed systems.

### Security and reliability

Using Collins AviNet network, our ABMS provides connectivity over a highly available, highly secure private network, meeting the requirements for security agencies and personal privacy.

### Compliant with ICAO standards

Collins continually innovates and delivers next-generation solutions to help governments meet international standards. We provide the advice and support you need.

### Seamless integration with peripherals

ABMS integrates with a wide range of border control peripherals including document scanners, image and biometric capture devices and automated border gates.

## Why Collins

Our track record of 99.99% availability and first-class customer support makes us the provider of choice for networking and messaging systems that help governments keep their nations safe.

Specifications subject to change without notice.



**Collins Aerospace**

commercial-aviation@collins.com  
collinsaerospace.com