

ARINC Border Management Solutions (ABMS)

API and PNR messaging with data quality verification for government agencies

Governments worldwide are recognizing the need to collect passenger data as a means to help increase national security, identify high-risk individuals, combat illegal immigration and enforce the laws of their land. And, do that in the most cost-effective, efficient and seamless way possible.

The increased and varied threats to national and global security demand more intelligence on travelers visiting your country, and fast and non-metered airline travel poses one of the most significant safety risks. Rockwell Collins' ARINC Border Management Solutions (ABMS) can assist you in monitoring and controlling the traffic of people entering and leaving your country via air, sea and ground.

Advance Passenger Information (API) was developed for the purpose of allowing a government to receive passenger information in advance of the passenger's physical arrival in the country. It includes among other things, a person's expected arrival or departure and biographical data, which can be checked against various law enforcement databases and even meet entry/exit legislation requirements.

Rockwell Collins' API solution goes a step further, establishing interoperability amongst the diverse communication systems that exist in the world. The API system messaging has a fast and simple integration process that provides data validation for each record received, all while minimizing the cost of delivery for airlines and reducing operational costs for governments.

Passenger Name Record (PNR) data provides extensive traveler information and greatly expands the analysis capability of a government. This analysis can occur across all government agencies including Immigration, Customs, Federal, Police, Judiciary, Health and Tourism.

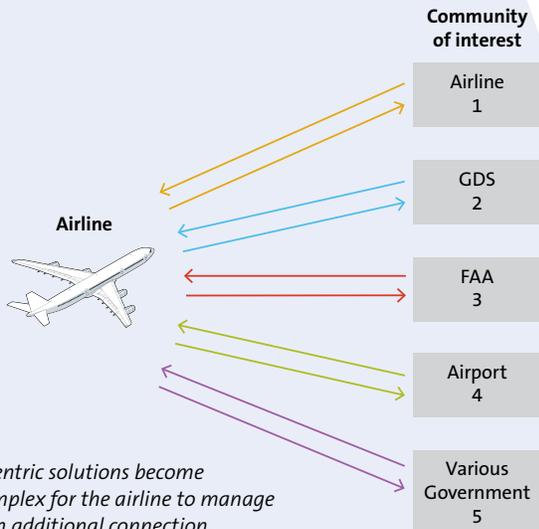
Our solution manages all aspects of PNR data by capturing raw data from reservation/departure control systems and delivering it to you in your desired format. The PNR system can even push data to a government's centralized data center for easy and fast availability.



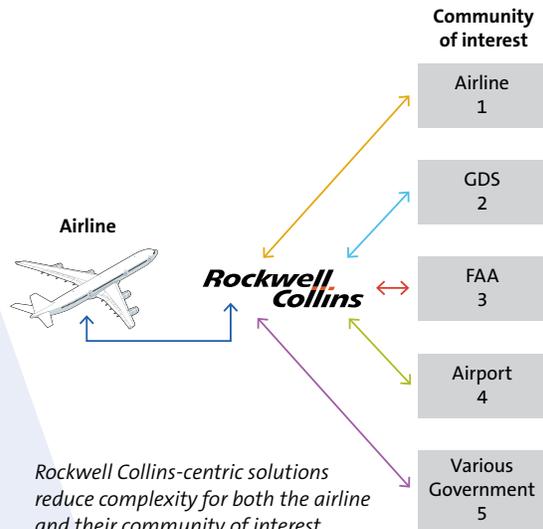
Quick facts

- › Compliant with all industry standards for simple integration with airline systems
- › Fully-configurable, high-performance solution that scales to meet user demand
- › Each solution is customized for specific government requirements
- › Fast and simple integration reduces up-front costs for government
- › Minimizes cost of delivery for airlines
- › Accurate processing of information in real time
- › Ability to interconnect with nearly any Global Distribution System
- › Integrates with a wide range of border control peripherals

Simplified messaging for more efficient and lower cost communications



Airline-centric solutions become more complex for the airline to manage with each additional connection.



Rockwell Collins-centric solutions reduce complexity for both the airline and their community of interest.

“As it relates to the quality and level of customer service received, we are immensely satisfied with the products, staff and technical support of Rockwell Collins. The partnership has been built and maintained on trust and a high level of continuing customer support.”

*Bruce Smith
Chief Immigration Officer (Acting)
Cayman Islands Department of Immigration*

As a single source provider of network protocol and message format conversion systems, with connectivity to the entire commercial transportation sector, our scalable solution meets your need for timely decision making and risk prevention. It integrates with a wide range of border control peripherals including document scanners, image and biometric capture devices and automated border gates.

Rockwell Collins’ expertise helps governments and airlines navigate through the procedures and information required to meet industry requirements for API and PNR data. Our track record of 99.99% availability and first-class customer support makes us the provider of choice for Border Management solutions that help governments keep their nations safe.

Learn more at rockwellcollins.com/arinc/aviation

About Rockwell Collins

Rockwell Collins is a pioneer in the development and deployment of innovative communication and aviation electronic solutions for commercial and government applications. Our ARINC information management services offer seamless, secure and reliable solutions to customers in the aviation & airport, rail and critical infrastructure sectors and enable mission-critical data and voice communications and management throughout the world.

For more information, contact:

Rockwell Collins
2551 Riva Road
Annapolis, MD 21401 USA
+1 410.266.4000 | +1 800.633.6882
aviation@arinc.com

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