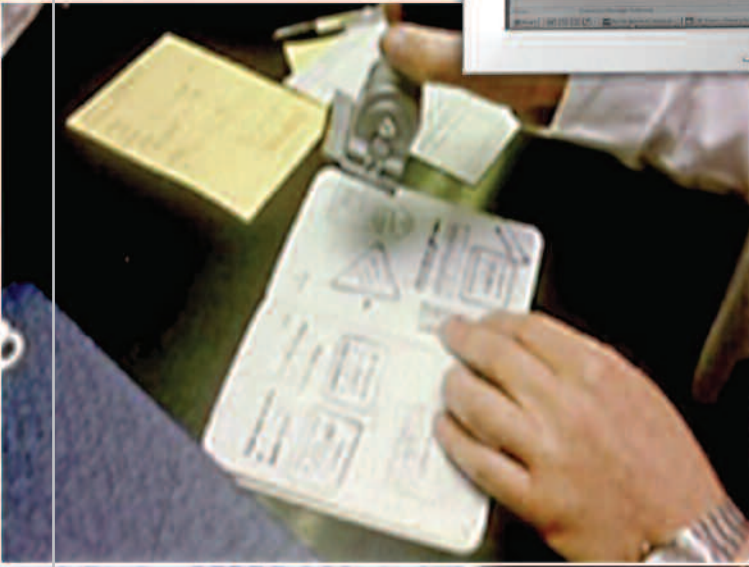


Immigration Control and Identity Management (ICIM)



Raytheon

Raytheon Immigration Control and Identity Management (ICIM): Secure and Swift Travel from Pre-Arrival to Post-Departure



Pre-Arrival	Arrival	In Country
<ul style="list-style-type: none"> ▪ e-Passports ▪ e-Visas ▪ Trusted Traveler ▪ Work Permits ▪ Watchlists ▪ Biometric Identification ▪ Risk Assessment 	<ul style="list-style-type: none"> ▪ Processing ▪ Biometric Identification ▪ Physical Gates ▪ Baggage Tracking ▪ Customs Processing ▪ Risk Assessment 	<ul style="list-style-type: none"> ▪ Student and Visitor Status ▪ Asylum Status ▪ Employer Verification ▪ Benefit Verification

Today's global economies demand easy, safe and efficient movement for travelers and robust systems to detect persons of interest and prevent terrorist acts.

Raytheon, a global leader in the field of Immigration Control and Identity Management (ICIM), provides superior mission critical systems to a broad range of global customers.

ICIM Expertise

Raytheon has proven experience, depth and scope in developing innovative technologies that protect borders and ensure visitor legitimacy. These robust solutions can be tailored to meet a variety of needs.

- Raytheon's Intelligent Border Architecture™ is a framework for the development of systems that provide identity and entitlement

management at the border. This enterprise architecture is the basis for both the US-VISIT, a visitor entry and exit process used to secure US borders, and e-Borders systems, the UK border management system.

- As a leader in the rapidly advancing Knowledge Management and Knowledge Discovery market, Raytheon offers a set of integrated capabilities that enable the customer to identify meaningful relationships in collected data that would otherwise be missed.
- World leading biometric systems that improve matching accuracy.

- Robust modeling and simulation capabilities allow customers to test new operational concepts before investing.

Advisory Services that Identify Problem Areas

Raytheon has the technical experience and knowledge of immigration operations that make us uniquely qualified as a strategic advisor. By using proven tools, such as Raytheon Six Sigma™, to support business case analysis and planning for customers, Raytheon can provide the organizational change processes that are necessary when implementing ICIM solutions.

No matter what stage of the travel process, Raytheon delivers a complete set of capabilities that meet the unique requirements of each customer.



Stay Management

Departure

Post-Departure

- Identity Cards
 - Immigrants
 - Citizens
 - Guest Workers
- Overstay Management

- | | |
|--|---|
| <ul style="list-style-type: none"> ■ Departure Processing ■ Biometric Identification ■ Physical Gates ■ Baggage Tracking | <ul style="list-style-type: none"> ■ Customs Processing ■ Arrival/Departure Matching ■ Forward Notification ■ Risk Assessment |
|--|---|

- Scenario Analysis
- Trend Analysis
- Statistical Services

Raytheon's ICIM solutions increase security while also protecting civil liberties and personal privacy of legitimate visitors, immigrants and trading partners, deterring illegal entrance.

Tailored Applications to Meet any Need

Raytheon combines functional applications in all aspects of ICIM. In today's information age world, travelers leave traces of their identification everywhere they go. These pieces of information become potential sources of data for identity analysis.

- **Risk Assessment** – Providing the customer with the ability to set priorities and devote resources to high risk targets. By doing this, key associations can be made between identities and biometrics, providing the customer with a dynamic way determine the risk of granting entry.
- **Immigration History Management** Managing traveler profiles easily through analysis of immigration history and disseminating that history across government agencies.

- **Biometrics Fusion** – Bringing together data from different biometric sources to improve matching accuracy in a matter of seconds.
- **Identity Analytics** – Correlating data from multiple sources to determine the probability of an identity match. The integration of this data can provide the user the ability to properly verify the traveler's identity.
- **Identity Data Access & Cleansing** – Collecting data from different sources and having the ability to resolve errors in that data that are caused by fat fingering or transposed numbers.

Raytheon has developed and maintains the world's largest immigration fingerprint database.

Full Life-Cycle Support

With training from concept through installation, Raytheon remains a leading developer of full service, integrated training solutions for government agencies and large commercial organizations. Having successfully managed the most complex training programs, Raytheon has been successful in conducting over 26 million hours of training in 70 countries and 28 languages around the world.

Raytheon can work hand in hand with the customer. With experienced personnel in nearly 200 locations around the globe, Raytheon clearly has the ability to support systems and products from design to deployment. Services include engineering services, integrated logistics support, training, maintenance, and installation.

Proven Experience

Raytheon has a proven track record as a systems integrator delivering complex systems on time and on budget globally.

e-Borders – United Kingdom

Border Management System: The Raytheon-led Trusted Borders team is implementing the \$1.3 billion program for the UK Border Agency of the Home Office. e-Borders enables the Home Office to match arrival and departure information, provides the technology necessary to positively identify travelers prior to boarding, and processes these travelers in real-time against watchlists. This capability will also deter individuals who attempt to enter the UK illegally. The system provides accurate and timely information for intelligence-based decision making on border management, thereby making it easier for legitimate travelers. Raytheon is the prime contractor and is responsible for all program management and systems integration, as well as software development and integration for all travel services capabilities.

US-VISIT – U.S. Visitor and Immigrant Status Indicator

Technology: US-VISIT manages the visitor entry and exit process to help secure U.S. borders and enhance the integrity of the immigration system while respecting visitor privacy. The program provides biometrics standards for the Department of Homeland Security (DHS), as well as identity document scanning technologies, integrated portals and kiosks, and complex interfaces and data exchange in support of visitor management. Raytheon provided systems integration capabilities and manages biometrics evaluation. Raytheon also supports integration and deployment activities for the program.

IDENT – DHS Biometrics Support:

IDENT is a mission-critical system deployed at more than 150 sites nationwide. The system is designed to identify illegal immigrants crossing U.S. borders. Equipped with the Automated Fingerprint ID System, IDENT generates documents, reports and case files that feature sophisticated computer-based analytical and intelligence-processing tools, offering expert decision-related links. Raytheon served as prime contractor and provided system design, development and deployment.

Argentina Passport and National ID Card System:

Raytheon developed, installed and integrated the first digital passport issuance system in Latin America. The system created an average of one million passports and ID cards per year. Raytheon also provided security document consulting services to the Federal Police of Argentina. This solution addressed all document security features including security papers, laminates, specialized security inks and printing techniques for embedded security features.

PAD – Personal Authentication Device:

This state of the art Raytheon biometric product is designed to provide a high-tech personal ID system to protect and facilitate entry and exit at key checkpoints where security is critical and delay is unacceptable. PAD incorporates two-way, ultrahigh frequency radio and biometrics to enable automatic identification. It does this in a credit card-sized ID that protects individual privacy and transmits a unique

identifier for tracking checkpoint crossings. The match-on-card 1:1 biometric system can be read up to 30 feet away and can be used in a moving vehicle at up to 60 miles per hour.

UK miSense Trial – Simplifying passenger travel through ideal passenger flow:

Raytheon invested and led the design of this prototype system. The goal of the miSense trial was to demonstrate potential improvements in passenger flow at London Heathrow Airport. Sponsored by the International Air Transport Association, the program aimed to optimize processes for travelers, ports, carriers and governments, and is now being developed for potential commercial markets.

N-DEx – U.S. National Data Exchange:

Raytheon is the prime contractor and systems integrator for this critical program with the U.S. Federal Bureau of Investigation's Criminal Justice Information Services Division. The N-DEx system, based on an agile, service-oriented architecture, will enable 18,000 law enforcement agencies to collect and share incident and investigative information. The data will be shared in a timely and comprehensive manner across disparate systems and jurisdictional boundaries.

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Customer Success Is Our Mission