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Entrust ePassport Solutions

Document Inspection

As issuance of ePassports has increased on a global scale, the ability of countries to utilize the new capabilities has not kept pace. Entrust provides governments an easy-to-deploy method for inspecting today's advanced electronic machine-readable travel documents (eMRTD) at border security checkpoints.

Powered by its proven hosted public key infrastructure (PKI) technology, Entrust provides border control agencies the ability to properly read and verify first- and second-generation eMRTDs. The managed solution is deployed as a cloud-based service, further simplifying the need for dedicated hardware, facilities and expertise.

No Issuance without Inspection

Millions of eMRTDs are in circulation today. And billions of dollars have been invested in the issuance of the credentials to mitigate threats of undetected forgery, impersonation, fraud and other criminal activity.

Unfortunately, proper inspection infrastructure is often expensive to deploy and maintain. And costs don't end at the initial investment — expert IT staff are required for ongoing operation and maintenance.

Streamlined Border Control

Entrust simplifies the complex architecture associated with validating eMRTDs by providing a hosted solution that downloads revocation information from the International Civil Aviation Organization's (ICAO) public key directory (PKD) and secures the transmission of validation material.

Optional Integration

For governments with limited expertise and budget, Entrust provides the necessary components for proper document inspection — from a single, proven vendor. Importantly, Entrust can streamline integration with both the ICAO PKD as well as domestic no-fly lists.

Secure Transmissions

To ensure the secure exchange of documents and certificates, Entrust also properly encrypts all transmissions — providing a trusted infrastructure and protecting the integrity of all exchanged data. If transmissions are susceptible to attack, false or altered data can result in the incorrect acceptance of a fraudulent eMRTD and jeopardize the entire global security infrastructure.

The Entrust Advantage

Solution Benefits

- Hosted service for the inspection of first- and second-generation eMRTDs
- Optional integration to ICAO PKD, domestic no-fly lists
- Compliant with all ICAO standards, including BAC and EAC
- Based on Entrust's proven PKI technology
- Improves ROI with comprehensive service that includes infrastructure, facilities, integration and expertise



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ICAO Public Key Directory — Participating in ICAO's PKD is critical to verify the authenticity of ePassports from other countries. And, conversely, other countries can help identify fraudulent ePassports being issued in another country's name.



Domestic No-Fly Lists — Entrust can also establish integration with a border agency's own domestic no-fly lists. This helps keep individuals of interest from crossing borders without additional investigation, improving border security for all countries.



Simplification. Entrust provides a single, hosted service that simplifies all aspects of properly inspecting first- and second-generation eMRTDs. From complex integration to secure transmission, Entrust offers governments a proven solution for authenticating eMRTDs and strengthening overall border security.

Cost-Effective. From required integration to expert IT staff, Entrust's managed border service is the most cost-effective approach for accurately inspecting today's advanced eMRTDs.

Standards-Compliant. Technology is compliant with all ICAO standards, including Basic Access Control (BAC) and

Extended Access Control (EAC).

Government-Grade. Proven Entrust ePassport solutions have been deployed in 15 countries, who collectively have issued more than half of the world's ePassports in use today. Entrust solutions are also used by more than 35 countries and more than 60 U.S. federal agencies.

More Information

For more information, contact the Entrust representative in your area at **888.690.2424** or visit **www.entrust.com/epassport**.

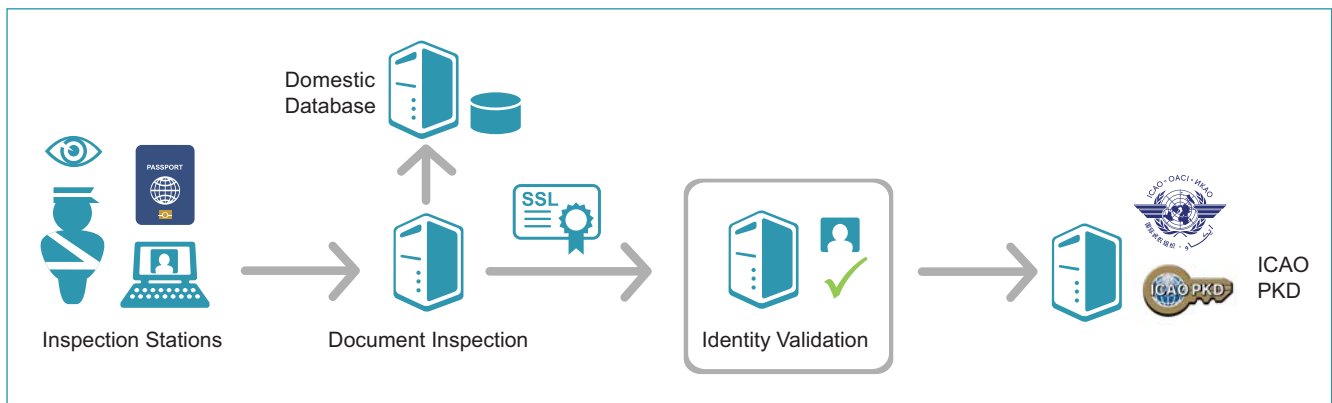


Figure 1: Entrust ePassport Solutions — Document Inspection

About Entrust

A trusted provider of identity-based security solutions, Entrust empowers enterprises, governments, financial institutions, citizens and websites in more than 4,000 organizations spanning 60 countries. Entrust's customer-centric focus is the foundation to delivering organizations an unmatched level of security, trust and value. For strong authentication, credentialing, physical and logical access, mobile security, digital certificates, SSL and PKI, call 888-690-2424, email entrust@entrust.com or visit www.entrust.com. Let's talk.

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