



ENTRUST



Extending the Border with eVisa as a Service

Market Challenge

Border control policy-makers are looking for secure, cost-effective, and traveler-friendly ways to extend their borders beyond the points of entry, while optimizing inspection processes for all arrivals.

Solution

Entrust offers a solution that allows remote identification of an individual before travel. This innovative process enhancement utilizes smartphone reading and validation of electronic machine readable travel documents (ePassports), combined with ability to remotely access the trusted biometrics for comparison with a live, current facial biometric. In essence, an ability to remotely verify that the traveler is who they say they are, based on an ICAO-compliant eMRTD and a trusted ICAO quality biometric.

BENEFITS

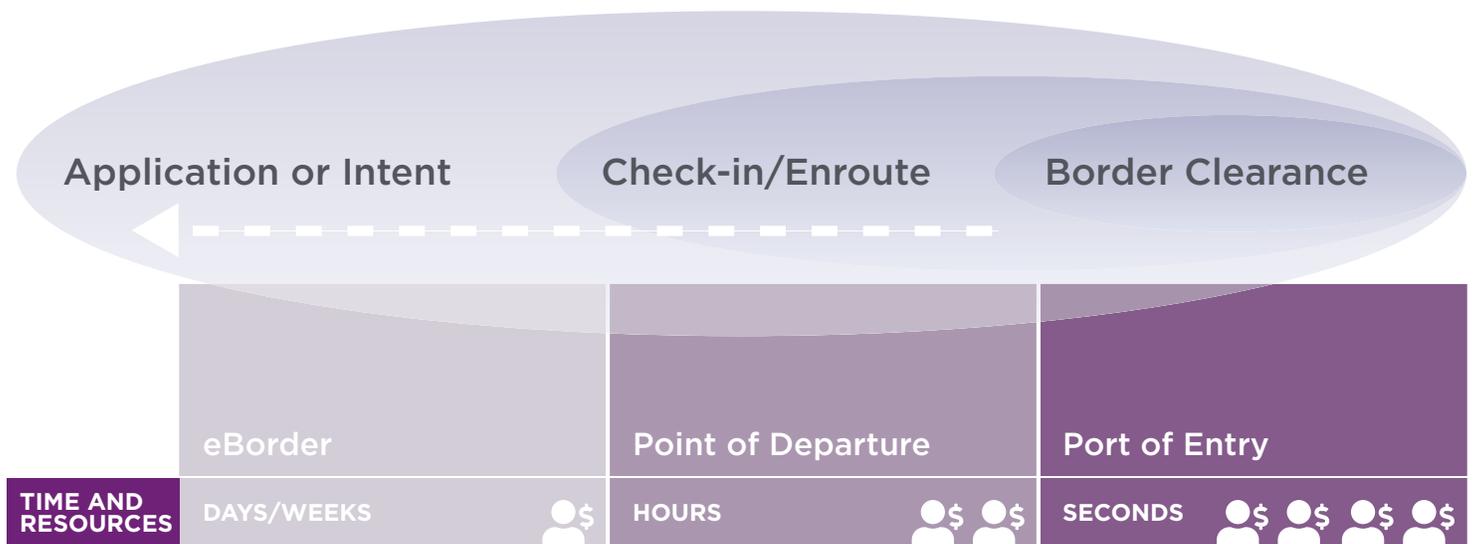
- Cost-effective - Smartphone acts as a passport reader, camera, scanner
- Convenience - Application is done remotely; no need to travel to a controlled environment
- Highly automated, with high-security processing and screening
- Reduction of high-risk individuals from ever arriving at a port of entry or streaming them into a separate review stream (e.g. Visa Waiver Program screening)
- Centralized real-time reporting and revenue monitoring
- Real-time approval of traveler
- Low implementation cost - Online application, integration with country portal, with third-party or cloud-hosting capabilities
- Ability for applicants and visa agency officials to connect securely over the internet via a computing device

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Validating identity before travel

Border agencies have an increased need to focus on security while at the same time expediting high volumes of mainly lower risk travelers.

To address these needs, many governments are employing electronic authorizations prior to travelers arriving at their borders.



Improving National Security using a Layered Border Management Approach

Countries are implementing a virtual border by introducing electronic travel authorization for travelers from low-risk nations or in some cases eVisas. Nations are mandating that the travel industry electronically collect and share passenger name records (PNRs) with passenger itineraries and participate in advanced passenger information systems (APIS) with basic data that identifies a person during the pre-travel phase before and during check-in. This layered border management approach often currently includes the use of biometrics at the port of entry.

Border security could be further enhanced if countries could collect biometrics and biographical information from most travelers simply and conveniently during the pre-travel phase, to better know the traveler and properly assess risk while also providing enhanced facilitation for screened lower-risk travelers at the border.

Similar to the financial industry's Know Your Customer (KYC), which is the process of a business identifying and verifying the identity of its clients for banking transactions, Entrust offers a highly secure and user-friendly travel application process for: eTA; eVisa; visa; registered traveler programs; online passport renewal; and airport security facilitation programs.

[Learn more about our seamless travel solutions at entrust.com](https://www.entrust.com)



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At a glance: eVisa as a Service

The Entrust eVisa as a Service (eVaaS) solution is designed specifically for electronic visa (eVisa) and electronic travel authorization (eTA) programs. eVaaS is a cost-effective, easy-to-implement solution that supports the online security screening process for Visa Waiver Programs (VWPs) and facilitates the electronic clearance and issuance of eTAs to low-risk travelers. The solution provides a security-enhancing extension to existing eTA/ESTA or eVisa programs, or a cost-effective replacement for inherently low-security visas-on-arrival (VOA). eVaaS is based on the proven Entrust travel document issuance solutions engine, which has been in use since 1994.

Features



Auto-detection of: eyeglasses on, closed or obscured eyes, and insufficient light or non-uniform background with follow-up instructions to take another selfie on smartphone



Ability to create a country or local alert list



One-to-one matching of the selfie (current photo) to the facial image (quality image direct from document issuer) extracted from the chip on a central server



Consolidated statistical reporting

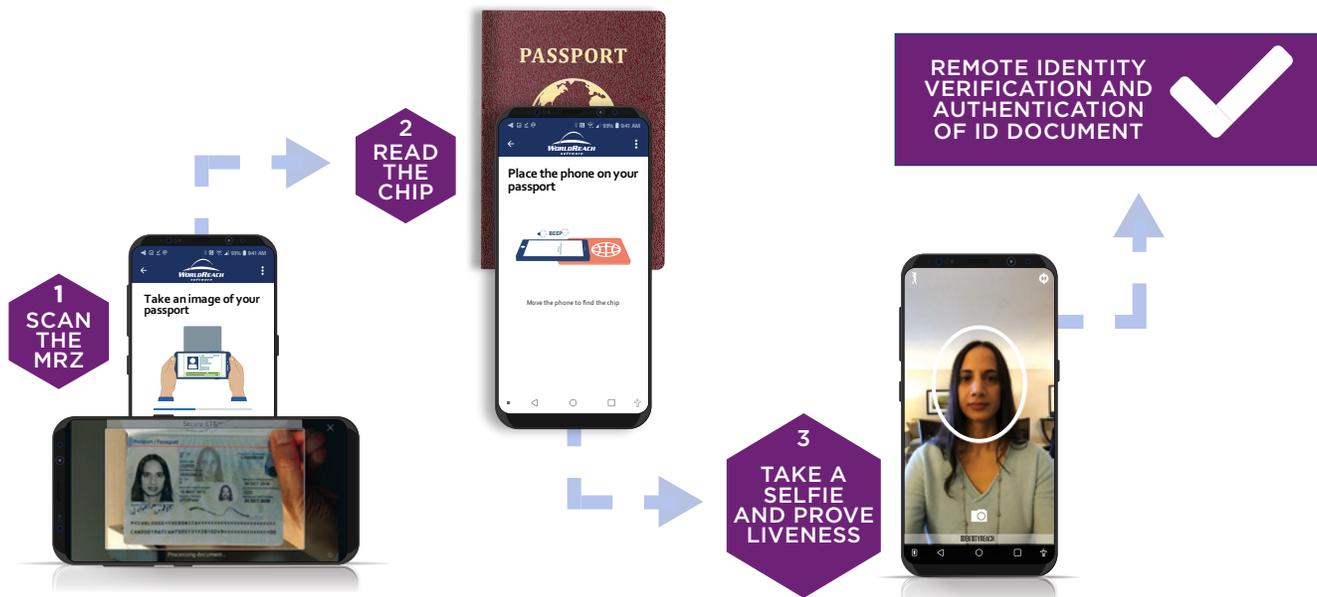


Automatic international watch list and alert list loading and verification



Facilitated workflow for applicant

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How it works

With an easy-to-use mobile app, the traveler is guided to scan the MRZ of the ePassport by taking a photo of the data page with the smartphone camera, reading the ePassport chip using the near field communication (NFC) capability of the smartphone, then capturing a live facial image of the applicant (a “selfie”, with optional liveness detection) for ID validation. This includes one-to-one facial image comparison of the selfie to and the facial image read from the ePassport chip. Validity of the ePassport can be checked using internationally accepted digital security tools and can optionally include a lost and stolen check against the Interpol Stolen and Lost Travel Documents (SLTD) database.

eVaaS provides the traveler with a user-friendly online interface where they can enter the identity information required and submit this to the appropriate

authority. Once the application information has been provided, the traveler can complete a payment online and, if required, be provided with an electronic receipt for payment and real-time notification of eTA approval. eVaaS is also compliant with ICAO Visible Digital Seals technology.

eVaaS includes back-office processing that allows immigration officials to define authorization policies and provides notification of eTA applications that are flagged against a watch list or entitlement rules defined within the application. Immigration officials are presented with access to all applications via an internal government portal that allows them to approve, deny, or request additional information from the traveler. eTA approvals or denials can also be transferred to other existing border control or visa systems.

Learn more at
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