



# < Let's Talk

## Entrust ePassport Solutions

### Single Point of Contact (SPOC)

Developed to provide more rigorous controls on access to eMRTD biometrics — specifically through strong terminal authentication at border control points — the Extended Access Control (EAC) PKI architecture is today's most advanced standard to secure ePassports.

While the need for EAC in ePassport deployments is clear, the potential volume of inter-country transactions, in a fully scaled EAC rollout, can be substantial. As a result, a proven method to facilitate complex and numerous transactions is required.

Simply referred to as the Single Point of Contact (SPOC), this model implements a standardized protocol for international online certificate management for EAC ePassports. Each participating nation establishes one SPOC interface to serve as the front-end for their domestic EAC components communicating with counterparts in other nations.

### Entrust's SPOC Solution

Entrust, a global leader in ePassport deployments and innovation, provides an integrated SPOC certification authority (CA) that is immediately compliant with SPOC Certificate Profile requirements and the European Union (EU) Common Certificate Policy. Entrust's SPOC provides optional manual, queued for administration and/or fully automated certificate management transactions between Entrust DV, CVCA and SPOC components. Administrative notifications are configurable for all certificate transactions.

### SPOC — How it Works

All international EAC certificate requests and responses are communicated directly between SPOCs. Within a given nation, the SPOC gathers certificate requests from other SPOCs, delivers them to the domestic CVCA for handling, and communicates responses back to the requesting SPOC, on behalf of its domestic CVCA.

The same SPOC also gathers certificate requests from domestic Document Verifiers (DV), forwards them to foreign SPOCs for processing, gathers responses from those foreign SPOCs and forwards those to the domestic DV that initiated the request.

### Entrust ePassport Solution

- Deployed and referenced by more countries than any other solution
- Representing more than 50 percent of the world's ePassports deployed to date
- Unique dual-rooted BAC/EAC design for seamless integration
- FIPS 140-2 and Common Criteria EAL4+ Evaluated
- High-availability and disaster-recovery architecture
- More than 15 years of PKI expertise
- Multiple components to mix and match for customers' unique environments

### Entrust ePassport Customers

- U.S. Dept. of State
- Finland
- Slovenia
- Taiwan
- Singapore

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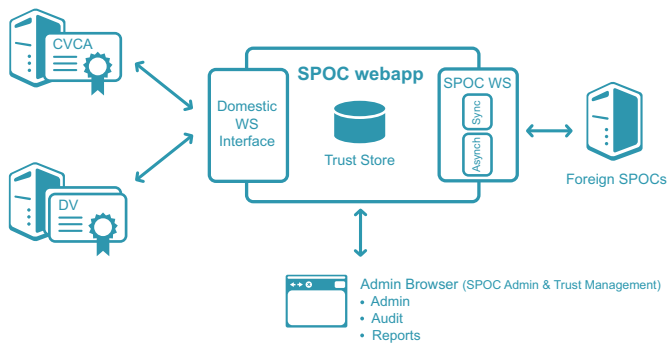


Figure 1: Entrust SPOC Architecture

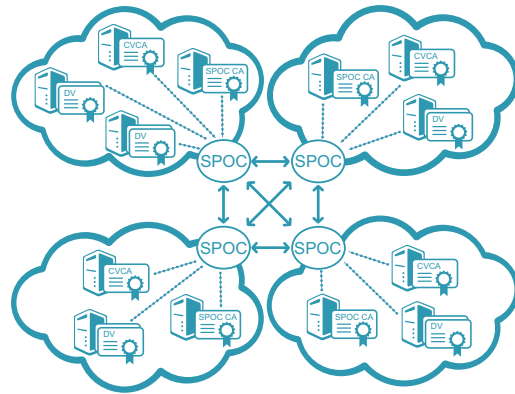


Figure 2: Entrust Multicountry SPOC Architecture

## Entrust — Leading ePassport Innovation

Proven with more real-world deployments than any other vendor, Entrust is the ePassport security leader for BAC and EAC environments. Based on Entrust's trusted public key infrastructure (PKI) technology, Entrust ePassport security solutions enable a true "point-and-click" PKI system for strong border control and authentication of identities and biometric datasets on today's machine-readable travel documents (MRTDs).

Interoperable, scalable and validated by third-party testing, Entrust is the unquestioned leader in global ePassport security deployments.

## Entrust & You

More than ever, Entrust understands your organization's security pain points. Whether it's the protection of information, securing online customers, regulatory compliance or large-scale government projects, Entrust provides identity-based security solutions that are not only proven in real-world environments, but cost-effective in today's uncertain economic climate.

## 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](mailto:entrust@entrust.com) or visit [www.entrust.com](http://www.entrust.com). Let's talk.

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Entrust's identity-based solutions empower enterprises, consumers, citizens and websites in more than 4,000 organizations spanning 60 countries. This identity-based approach offers the right balance between affordability, expertise and service. For strong authentication, fraud detection, digital certificates, SSL and PKI, call **888-690-2424**, email [entrust@entrust.com](mailto:entrust@entrust.com) or visit [www.entrust.com](http://www.entrust.com).

## Company Facts

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