Entrust Credentials for Citizen eID

Identity-Based Security for Citizen Identities

Governments are evolving to seek proven methods to provide secure citizen access to eGovernment applications and services. Wherever strong authentication, encryption or digital signatures can enable governments to maintain data privacy, streamline workflow or enable citizen access, Entrust can help.

Entrust provides end-to-end security solutions — including citizen eID credentials, digital certificates, unified smartcards, strong authentication and more — as part of a comprehensive trust infrastructure for citizen-centric environments.

Flexibility, Scalability for Governments

Entrust provides governments — and their respective ministries, departments and bureaus — strong authentication solutions and services appropriate for entire citizen populations. This includes everything from single applications to specialized uses such as ePassports.

Authentication for Citizens

The most trusted credentials — driver’s licenses, citizen ID cards and passports — are issued by governments. And many eGovernments are evolving to digital form factors for easier tracking and verification. Entrust helps governments around the world issue and inspect digital identities and credentials.

The ePassport Standard

Entrust is the pioneer of PKI technology, which serves as the backbone for securing sensitive information on today’s ePassports. And Entrust is one of the few vendors capable of handling the scale, complexity and reliability demanded by the Extended Access Control (EAC) framework.

Trusted Worldwide

Entrust provides commercial Master List Signing capabilities that enable countries to efficiently manage the Master List Signing process. Entrust also uses a domestically deployed Master List to provide a domestically rooted trust mechanism for secure, automated distribution of eMRTD validation material to inspection systems.

Solution Benefits

- Gain a versatile solution that issues and manages ePassports, eVisas and eMRTDs, and government eIDs
- Deployed by top 13 eGovernments in the world
- Trusted by more than 45 countries worldwide and more than 60 U.S. federal agencies
- Secures more than 50 percent of the world’s ePassports
- Utilized by more countries for second-generation (EAC) ePassports than any other EAC ePassport solution
Citizen-Centric Security
For citizen eID credentials, digital certificates, unified smartcards, strong authentication and more, Entrust provides end-to-end security solutions for citizen-centric environments and the protection of digital identities. Entrust helps governments design, deploy and manage all aspects of today’s necessary citizen eID environments.

- **Entrust Authority PKI** (premise) or **Entrust IdentityGuard Cloud Services PKI** (hosted) for digital certificate services
- **Entrust Authority PKI** for ePassports, eMRTDs and broad eID infrastructures

Digital Certificates for Secure Identities & Transactions
A leader in PKI, Entrust offers governments the ability to establish and maintain a trustworthy environment by providing digital certificates that secure many off-the-shelf applications using encryption, digital signatures and strong certificate authentication.

Control access to resources, prevent theft of information and comply with privacy and digital signature regulations. Digital certificates enable digital signature functions that protect the integrity of eGovernment and private-sector forms and transactions, and also provide evidence communication or transactions were authorized.

Entrust’s citizen eID infrastructure can either be newly established or extended from an existing government Entrust PKI, such as an ePassport deployment, and provided either as software to be installed in-house or from a managed service.

Trusted Multipurpose Identity Credentials
Proven in real-world deployments, Entrust enables governments to replace multiple passwords, passcards, tokens and other identification documents with a single unified credential. The credential can be used electronically to prove identity, encrypt email and streamline access to eGovernment programs, services and applications.

Advanced ePassports
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 electronic machine-readable travel documents (eMRTDs).

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

Entrust secures more than 50 percent of the world’s ePassports; further, the Entrust Extended Access Control (EAC) ePassport solution is deployed by more countries than any other EAC ePassport solution.