



Government
Solutions

Essential Solutions for Protecting Borders and Serving Citizens



ENTRUST

SECURING A WORLD IN MOTION

Elevating trust & security in critical government ecosystems

Governments face challenges and change everywhere: at their borders, in their e-gov programs, and at access points throughout their secure ecosystems. At Entrust, our decades of experience and industry-leading expertise give us a firm understanding of these challenges and allow us to develop trusted identity and secure transaction solutions to solve them.

We partner with governments around the world in mission-critical applications:

Deployed solutions in 18 of the top 20 e-gov programs

400+ worldwide deployments in government identity programs

Daily issuance of 10M+ credentials, 5M+ smart cards, and 165K+ passports

Every day, our solutions enable national and regional governments to protect citizens, secure borders, and improve service levels – all while mitigating risk and controlling costs.





Border control

Securely & efficiently moving people across borders

With more than a billion people moving across international borders annually, governments require solutions that quickly and accurately identify individuals. Entrust solutions offer citizens the convenience of fast, efficient border crossings – and provide governments with a secure and scalable trust infrastructure that helps fight crime, terrorism, and other security threats.



E-gov programs

Efficient, accurate, & cost-effective service delivery

Effective e-Gov programs must offer citizens personalized convenience and anywhere-anytime access to services. Governments require solutions that meet these citizen expectations, while reducing the high costs of erroneous and fraudulent benefits distribution, and enhancing cost-effective operations.



Secure credentials

Everything you need for secure citizen credentials

Putting trusted credentials in the hands of citizens is a key component of creating a secure government ecosystem. Whether it is passports, driver's licenses, benefits IDs, or national IDs, governments require issuance solutions that minimize costs, simplify credential management, and ensure security for government agencies and the citizens they serve.

WHAT IS DRIVING OUR SOLUTIONS?

Our close partnership with government agencies and heavy participation in industry standards bodies gives us deep insights into the forces changing the government landscape.



Record-high migration & tourism

1B+ international tourists annually



Increasingly sophisticated threats

43% increase in terrorism in 2013
78% increase in cybercrime since 2009



Explosion of mobile connectivity

2014: 1.5B Smartphones
2017: 10B Smartphones



Emerging economies

60% of the world's population lacks government-issued credentials



Growing cost of benefits disbursement

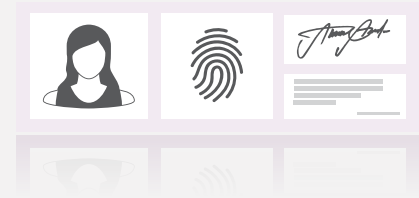
8.4% of global GDP spent on citizen benefits

The underlying technologies of security and trust

The Entrust portfolio brings together trusted software, reliable hardware, and expert services to create solutions that enable complex government ecosystems.

Our commitment to research and development allows Entrust to continually expand our portfolio with new solutions to meet the evolving needs of governments and citizens.

This ongoing investment in innovation makes Entrust a valuable partner to governments, ensuring a protected investment that will continue to deliver results as challenges evolve. You can deploy our solutions confidently, knowing that they are scalable for future needs – and proven in hundreds of government applications worldwide.



Identity enrollment

Photo, biometric, and data capture

Vetting and adjudication workflows

Standards-based credential workflows

Role-based access and security

Key technologies

Entrust solutions feature a multi-layered approach, leveraging the most advanced technologies to ensure trusted security in every environment.



Public Key Infrastructure (PKI)
Secure infrastructure for connecting trusted identities with access credentials.



Authentication
Trusted identification protocol for individuals and entities to manage access to networks and digital resources.



Credential issuance & management

High-volume credential issuance

Desktop credential issuance

Mobile smart credential

Lifecycle management software

Mobile device certificates

APIs & SDKs

Security & durability laminates



Authentication signing & encryption

Key & certificate lifecycle management

Document signing

Identity & document validation

Chip content validation (BAC)

Authenticated chip access (EAC)

Authentication platform

Identity federation

Transaction signing



Digital certificates

Encrypted electronic passports that enable the secure online exchange of information using the PKI.



TLS/SSL

Transport Layer Security/Secure Sockets Layer creates a secure internet connection, protecting the online transmission of secure data.



Secure laminates

An extra protective layer for physical ID cards that provides vital protection against tampering and counterfeiting.



Laser engraving

Makes fraudulent alteration of ID cards extremely difficult – unable to scratch, peel, or otherwise remove.

Building your trust

Every government agency either has or will soon build a digital trust ecosystem: a secure network that connects agencies, countries, key processes, and services. Protecting and managing borders requires building a border control ecosystem that integrates simplified citizen enrollment in a trusted identity program, secure issuance of robust credentials, and reliable, efficient validation of credentials at physical and logical borders.

Governments of every size around the globe leverage Entrust technologies as the core of their secure border control ecosystems. This unmatched experience gives Entrust the unique expertise to understand the evolving challenges to these ecosystems, to anticipate future needs, and to develop and adapt our solutions to allow governments to maintain secure and efficient border management in a rapidly changing world.

Border control ecosystem

CITIZEN ENROLLMENT

Photo, biometric, data capture
Adjudication against authorized databases
Central or remote workflow options

TRUSTED
IDENTITY

CREDENTIAL ISSUANCE

Data preparation for document production
Central or distributed issuance models
Documents delivered in person or by mail

CREDENTIAL USE AT BORDER

Manage keys & certificates
Validate integrity and authenticity of credential
Validate identity of the holder

Key ecosystem elements

Entrust provides a wide range of hardware and software that plays critical roles in creating a digital trust ecosystem for protecting borders.



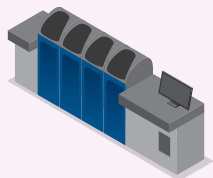
Adaptive Issuance Instant ID Government

An enterprise-class credential issuance and management platform.



Datacard® PB500 Passport Printer

Desktop passport printer for distributed and instant issuance.



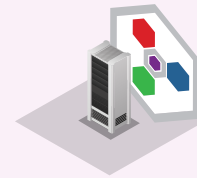
Datacard® PB6500 Passport Issuance System

High-volume passport system for centralized issuance.



Entrust Authority ePassport PKI

Supports Country Signing (BAC) and Country Verifying (EACv2) issuance, validation, and ICAO PKD Integration.



Entrust Authority Borders Identity Validation

Automates certificate distribution supporting comprehensive validation for 1st and 2nd Generation ePassports at Border Control.

For more information

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ABOUT ENTRUST CORPORATION

Entrust keeps the world moving safely by enabling trusted identities, payments, and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services, or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at
entrust.com



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