Securing the Nation with Trusted Identities and Secure Transactions

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EVERYTHING BEGINS WITH TRUSTED IDENTITY

ONE TRUSTED IDENTITY — ACROSS ALL SECURE CREDENTIALS — SECURE ACCESS TO MULTIPLE ECOSYSTEMS

Passport
National ID
Driver's License

Borders
Benefits
Healthcare

Enabling Technologies for Government Use Cases

Bureau Solutions
Instant Issuance
Authentication
PKI
SSL
Access & Credentialing
What Security Problems Are They Trying to Solve?

**THREATS TO SECURITY DOCUMENTS**

- **SECURE CARD/DOCUMENT THEFT IS ON THE RISE**
  - Lost & Stolen Passports: 53M in circulation

- **ALTERATION AND COUNTERFEITING TECHNIQUES ARE GROWING MORE SOPHISTICATED**

- **INCREASE IN TERRORISM**
  - 43% in 2014

Improving Physical Security

*Governments around the world are responsible for mitigating these risks and putting trusted credentials in the hands of citizens and government employees.*
SECURITY AT TIME OF PERSONALIZATION (STOP)

STOP methodology utilizes variable data applied in the issuance process

- **INHIBITS ALTERATION**
  Includes variable information unique to the document, making it difficult to alter

- **DETER COUNTERFEITING**
  Specialized knowledge and technology to duplicated, limiting the value of a stolen substrate

- **RAW MATERIALS HAVE LESS VALUE TO COUNTERFEITERS**
  and less chance of being stolen during transport and distribution

- **IMPROVES AUTHENTICATION**
  S.T.O.P includes overt and covert features that enable easy validation

**LEVEL ONE**

**LEVEL TWO**

**LEVEL THREE**

**INHIBITS TAMPERING**

**RESISTS MASS ATTACK**

**REDUCES COMPONENT THEFT**

**STRENGTHENS VERIFICATION**

**COMBINE SECURITY LEVELS WITH EMPHASIS ON LEVEL ONE**
STOP EXAMPLES

**Lasertact™**  
Color & Laser Registration

**LaserSHADOW™**

**Photo optimization**

**Persocurve™**
IMPORTANT OUTCOMES AT DOCUMENT VALIDATION

RIGHT DECISION

☑ Traveler Satisfaction
☑ Tourism, Commerce
☑ Citizen Freedom

WRONG DECISION

⚠ Terrorist Incidents
⚠ Proliferation of Crime
⚠ Citizen Safety Risks
THANK YOU

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