CardLogix e-Passport

Citizen Credentials

The CardLogix e-Passport is a highly secure Credential for secure and controlled travel. The ePassport is built upon powerful CardLogix Credentsys® microprocessor technology, which is combined with state-of-the-art physical security to complete the chain of trust for border control.

As an integral part of the CardLogix portfolio of Credentialing Solutions, the e-Passport works with the worldwide infrastructure of standards, technology, and systems to insure compatibility. The e-Passport card meets the latest ICAO 9303 and ISO/IEC standards for BAC and EAC and AA authentication with full support for LDS. The e-Passport combines certified chip security with the highest level of physical credential security to deliver a powerful identity solution that prevents cloned passports.

Features

- High security - High Performance Cryptographic Microprocessor
- NIST certified Operating System to FIPS 140-2 Level 3 Certificate #917
- Full implementation of a logical credential data model that includes ICAO BAC-EAC, and AA
- EAL5+ chip certification
- On board hardware crypto accelerators for AES, 3DES, RSA, and DSA operations
- 72k of user EEPROM
- Optional shielded covers
- Optional DSS anti-copy reactive security paper
- Tamper evident binding
- Laser-perfed pages
- Watermarks
- Tamper-proof, fully secure polycarbonate data page with integrated antenna

- A complete range of secure printing options, including:
  - Color shifting inks - OVI
  - Card Validator® hidden images
  - UV Ink and flourescent threads
  - Metameric inks
  - Sophisticated fine-line guilloche
  - Forensic ink taggants
  - Microtext and nanoprinting
  - Laser engraving
  - Holograms and OVDs
  - MLI/CLI
  - Hidden intentional errors
  - Holofuse® laminates