

Personal ID Verification Card Homeland Security



SUCCESS
STORY

Homeland Security Presidential Directive/HSPD-12 is a directive issued in August 2004 concerning the implementation of an identification standard for Federal employees and for the personnel of affiliated businesses. In response to HSPD-12, the NIST Computer Security Division initiated a new program for improving the identification and authentication of Federal employees and contractors for access to Federal facilities and information systems.



Federal Information Processing Standard (FIPS) 201, entitled Personal Identity Verification (PIV) of Federal Employees and Contractors, was developed to satisfy the requirements of HSPD-12. To facilitate a variety of identification needs throughout the federal government, Oberthur Technologies developed an identification solution that includes smart card manufacturing, personalization, fulfillment and activation services, as well as the exclusive rights to the card software applications. All Oberthur Technologies' smart card products provided to the government market are FIPS 140-2 certified and FIPS 201 compliant, which is a requirement for any ID card product sold to the U.S. Federal Government.

PIV applet for ID-One™ Cosmo 64 RSA Dual

- 1st PIV End Point card to be FIPS 201 compliant (FIPS 201-1 Certificate)
- 1st PIV End Point card to be FIPS 140 validated (FIPS 140-2 Certificate)
- 1st PIV End Point card to pass GSA independent testing. Listed on the FIPS 201 Evaluation Program Approved Product
- Supports multiple key values for a given key type:
 - Ex: One PIV authentication key with RSA 1024 and one with RSA 2048
 - Give Agencies freedom to select the cryptographic algorithms they want to use
- 1st PIV End Point card to be successfully tested and validated by a NIST PIV Program Laboratory (NPIVP)
- Additional features for flexibility and security:
 - Secure Messaging for personalization
 - Sharable interface for PIV data objects to avoid data duplication between applets
 - Change PUK
 - Global PIN verification without leaving the PIV application

Oberthur Technologies, world leader in the implementation of HSPD-12 (Homeland Security Presidential Directive)