Smart Card Readers and FIPS 201
Logical and Physical Access

Smart Card Reader/Writers and FIPS 201

- Typical deployment

  - Enrollment and Issuing System
  - Registration System
  - Physical Access Control
  - Logical Access Control

Enrollment, Issuing and Registration Systems

- Requirements

  - Smart Card Reader/Writer - PC/SC Compliant for both
    - Contact chip
    - Contactless chip

- Specifications – Contact Reader
  - ISO 7816
  - PC/SC
  - 344 Kbps transfer rate
  - USB interface

Specifications – Contactless Reader
  - ISO 14443 A/B
  - PC/SC
  - 848 Kbps transfer rate
  - USB interface

Model SDI 010 – Available Now

Authentication and Logical Access Systems

Specifications –

Contact Reader

- PIV II compliant
- ISO 7816
- PC/SC
- 344 Kbps transfer rate
- USB, Serial Port, PCMCIA, Keyboard, and 3.5" Drive Bay interfaces

All models available today

Models –
SCR131 Serial Port
SCR243 PCMCIA
SCR331, SCR3310, SCR3311 USB
SCR333 3.5" Drive Bay
SCR338 Keyboard (USB)
SPR337 Fingerprint Image/ Smart
**   Card Reader (USB)**

Physical Access

- Requirements
- Contact or Contactless PACS Reader
  - ISO 7816, IS0 14443 A/B

  - Conformance to PACS 2.2 Assurance Levels

    - Low -
    - Medium – FIPS 140-2 SAM for key and crypto functions
    - High – FIPS 140-2 SAM – Full PIV Cert functionality

Physical Access

- Specifications
  - Contactless SC interface
    - IS0 14443 A/B
    - Conformance to PACS 2.2 Low and Medium Assurance Levels

  - Contact SC Interface
    - ISO 7816
    - Conformance to PACS 2.2 Low, Medium, and High Assurance Levels

Availability –

Contactless, Indoor – Now
Contactless, Outdoor – November, 2005

Contact, Indoor, Low Assurance – Now
Contact, Indoor – Low, Medium, High Assurance – November, 2005