Smart Card Readers and FIPS 201
*Logical and Physical Access*

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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, ISO 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
    • ISO 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