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, 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
Thank You