

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

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Thank You

