



Mobile Biometrics Use case Federal Protective Service

NIST Workshop
January 2013

Vince Eckert
Liaison to S&T
Department of Homeland Security
Federal Protection Service



Homeland
Security



The Federal Protective Service

- Director L. Eric Patterson
- 11 Regions
- Sworn Law Enforcement Officers – 900
- Protective Security Officers (Contracted) – 12,600
- Facilities – 9,000 (more than any other non-DoD agency)



Homeland
Security



Guard Accountability

- Current Challenge- Time and Attendance/ validation of training records
- Goal- Three Factor Authentication
- Industry Standards- FICAM, FIPS-201, NIST-116
- Cellular use case- Limited connectivity (WIFI, Ethernet or Internet) among the GSA portfolio



Homeland
Security



HOW????



Homeland Security



Requirements

- Biometric- Integrated Biometric solution that has been certified to meet NIST SP800-76-2
- Card Technology- Integrated contact interface compliant with ISO/IEC7810 and ISO/IEC7816 and compatible with PIV, PIV-I
- Weather Proofing- MIL-STD-810G
- Display- text and color image data
- Communications- Cellular or direct internet connection
- Security- encrypted communications using a certified FIPS 140-2 encryption algorithm
- Data Pushed to Mobile device- Bolos....etc...



Homeland
Security



Questions?

Vince Eckert

Liaison to S&T

Department of Homeland Security

Federal Protection Service

vincent.e.eckert.ice.dhs.gov



Homeland Security