Department of Homeland Security
10 Print Scanner Impacts

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DHS Border Management Operations requiring 10-print capability

- **Primary Inspections Screening (US-VISIT)**
  - 2500 scanner units
  - 30 million travelers processed each year

- **Secondary Inspections Processing**
  - 600 scanner units
  - Over 250K subjects processed each year

- **Border Patrol Operations**
  - 400 scanner units
  - Over 1.2M subjects processed each year

- **ICE Enforcement Operations**
  - 250 scanner units
  - Over 300 K subjects processed each year

- **Benefits Processing**
  - 2 million persons processed each year
US-VISIT Goals

- Enhance National Security
- Improve the Integrity of the Immigration Process
- Facilitate legitimate trade and travel
- Protect the privacy of our visitors
US-VISIT Current Implementation

- 115 Air and Sea Ports of Entry
- 165 Land Border Ports of Entry

Challenges met during initial 2-print implementation at POEs
- No additional personnel available
- No major facility modifications possible
- No increase in wait times permitted

Results
- No increases in wait times at air and sea POEs
- Decrease in wait times at land POEs
- US-VISIT operations merged smoothly into inspections process
- 90 thousand persons processed every day
The Challenge

- **Speed**
  Current capture time is measured at 12 seconds

- **Quality**
  Best possible quality, at least as high as today’s single-print devices

- **Size**
  Small enough to fit on a typical POE lane counter top

- **Usability**
  - Light weight
  - Single data/power cable no extra power outlet
Scanner Size Impact – height concerns

Note the Fingerprint Scanner in a drawer
Scanner Size Impact – depth concerns

Counter/fingerprint scanner (Traveler View)
Scanner Size Impact – Workspace Limited

Figure 1: Travelers View – Workstation (Typical)
Scanner Cabling Impact

Figure 2: Inspections View – Workstation – Handicap accessible counter made available
Scanner Operating Environment

Figure 1: Inspections View – Workstation (Typical)
NOTE: Tray to pass fingerprint scanner and glass