

Wednesday, 20 April 2005

ANSI/NIST Fingerprint Standard Update Workshop (PRELIMINARY)

April 26-28, 2005

Tuesday April 26, 2005

8:00 a.m. Registration & Coffee
9:00 a.m. Logistics & opening remarks Mike McCabe/NIST

9:05 a.m. Welcoming remarks

Marty Herman NIST
Shashi Phoha ITL/NIST
Vance Hitch CIO/DOJ

9:30 a.m. Stakeholder overviews and the ANSI/NIST standard

INTERPOL Gerd Hardt
FBI CJIS Tom Hopper
DHS Neal Latta
NIST Charles Wilson

10:45 a.m. Break

11:15 a.m. New Processing Initiatives

Next Generation IAFIS Tracy Pacoe/FBI
CONOPS for palm and major-case prints Scott Swann/FBI
Flats service for civil background checks Tom Hopper/FBI
Less than 10 fingerprint processing Neal Latta/DHS

12:45 p.m. Lunch

2:00 p.m. PIV Card

Biometrics & the PIV card Charles Wilson/NIST
SP 800-76 Patrick Grother/NIST
NIST image quality metric and relation to PIV Elham Tabassi/NIST
IBIA Perspective on PIV Walter Hamilton/IBIA

3:00 p.m. ANSI/NIST AND M1 Standards Harmonization

Overview of National & International Biometric Standards Activities Fernando Podio/NIST

3:15 p.m. Break

CBEFF/BIOAPI Background Cathy Tilton/Saflink

Overview of M1 Biometric Standards

Finger Image	Michael McCabe/NIST
Finger Minutiae	
Finger Pattern	Cathy Tilton/Saflink
Iris	James Cambier/Iridian
Face	Paul Griffin/Identix

Proposal for a new M1 CBEFF record type Dale Hapeman/Support Contractor DoD Biometric

5:00 p.m. ADJOURN FOR THE DAY

Wednesday April 27, 2005

8:00 a.m. Registration & Coffee

9:00 a.m. ANSI/NIST Format's Roadmap to XML

Panel Discussion:

Gerry Coleman	WI/DOJ
Catherine Plummer	Search
Mike Daconta	DHS
Scott Hills	Aware
Alessandro Triglia	OSS Nokalva

10:45 a.m. Break

11:15 a.m. SWGFAST Contributions and Discussion

--- Proposed definition of third level friction ridge features Steve Meagher/FBI
--- Proposed 1000 ppi minimum scanning resolution

12:45 p.m. Lunch

2:00 p.m. JPEG 2000 Issues

- Recommendation for compression limits of mugshots to fingerprints Paul Griffin/Identix
- Reference WSQ & JP2 Compliance profile for fingerprints Tom Hopper/FBI
- Compliance program for 1k ppi fingerprint compression

3:15 p.m. Break

Miscellaneous updates to the current ANSI/NIST Standard

- Overview of the current fingerprint standard structure Mike McCabe/NIST
- Provide additional information to harmonize INCITS M1 standards with the ANSI/NIST standard
 - Finger Image
 - Finger Minutiae
 - Enhanced facial image record descriptors Paul Griffin/Identix
- Record types for new Iris image record Mike McCabe/NIST
- Increase the finger and slap image sizes in Table 6
- Increase the maximum size of source agency fields in Types 10-16 records.
- Add 'swipe' and 'contactless' for impression type
- Vendor identification and product model
- Add Jpeg 2K lossy & lossless compression to Mugshot & SMT records Rob Mungovan/Aware
- Software ID field in the Type 1 record
- Formal Compression algorithm list in standard
- Use binary '1' in Type 4 to represent WSQ compression
- UTF-8 in text fields
- Tracking field in to the type 1
- GPS from transaction Bonny Scheier/Saber

5:00 p.m. ADJOURN FOR THE DAY

Thursday April 28 2005

8:00 a.m. Registration & Coffee

9:00 a.m. Completion of updates from Wednesday (if needed)

9:30 a.m. Future Initiatives

Best Practice Procedures for the Exchange of Latent Identification Services

Mike Lesko/TX DPS

Future requirement for the ANSI/NIST Standard
Update on MINEX04

Bill Long

10:00 a.m. Break

10:30 a.m. Review of ANSI standard update and canvass processes

- Flowchart of update procedure
- Flowchart of ANSI canvass method

Mike Hogan/NIST

Resolutions & Action Items

- Where do we go from here
- Vote to Reaffirm/Withdraw/Update Standard
- If Update – Recap Specifics
- Requirements for additional workshops needed

Mike McCabe/NIST

12:00 p.m. ADJOURN