

InterNational Committee for Information Technology Standards
INCITS Secretariat, Information Technology Industry Council (ITI)
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Ref: Proposal for Project 1676-D (M1/04-0023)

Revised Project Proposal - INCITS Project 1676-D

Submitted By:

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Reply to:

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1. Source of the Proposed Project

1.1. Title

“Biometric Profile – Interoperability and Data Interchange - DoD Implementations”

1.2. Date Submitted

May 20, 2005

1.3. Proposer

M1

2. Process Description for the Proposed Project

2.1. Project Type

D - This is a standards development project.

2.2. Type of Document

The project is expected to result in an ANSI/INCITS standard.

2.3. Definitions of Concepts and Special Terms

None

2.4. Expected Relationship with Approved Reference Models, Architectures, etc.

None

2.5. Recommended INCITS Development Technical Committee

M1

2.6. Anticipated Frequency and Duration of Meetings

It is anticipated that this project would require one-day meetings approximately quarterly.

2.7. Target Date for Initial Public Review

It is estimated that the draft document would be ready for submission to INCITS for Milestone 4 processing in October 2005.

2.8. Estimated Useful Life of Standard

There is no known limitation on the useful life of this proposed standard.

3. Business Case for Developing the Proposed Standard

3.1. Description

The proposed standard is intended to support the deployment of biometric technologies in US Department of Defense (DoD) organizations and activities. The proposed standard's goals include facilitating an increase of interoperability and data interchange in DoD deployments of biometrics.

3.2. Existing Practice and the Need for a Standard

Currently there are no existing biometric application profile standards that the United States DoD can fully utilize. The need for better interoperability across DoD and coalition partner systems in support of the Global War on Terrorism has been widely recognized. DoD organizations are particularly interested in establishing standards regarding the integration of biometrics into larger information technology systems to strengthen identity management. The proposed standard will address storage and uses of biometric data in military biometric application profile settings for Red Force applications, which process and store biometric data on Enemy Prisoners of War, detainees, internees, and persons of interest with respect to national security.

3.3. Implementation Impacts of the Proposed Standard

3.3.1. Development Costs

Technical editor labor is expected to total approximately one quarter of a staff year.

3.3.2. Impact on Existing or Potential Markets

The proposed standard will increase the visibility of biometrics standards within the DoD and its suppliers. Existing markets for biometric technology should experience added impetus from the benefits of interoperability.

3.3.3. Costs and Methods for Conformity Assessment

There is no data at this time on which to make an estimate.

3.3.4. Return on Investment

There is no data at this time on which to make an estimate.

3.4. Legal Considerations

3.4.1. Patent Assertions

There are no known patents relevant to this standard, other than those referenced in base biometric standards.

3.4.2. Dissemination of the Standard

Drafts of this standard will be distributed electronically. There may be distribution constraints as this document reaches different stages of development and processing within INCITS. There are no known IPR issues.

4. Related Standards Activities

4.1. Existing Standards

- INCITS 398-2005 (NISTIR 6529-A) Common Biometric Exchange Formats Framework
- INCITS 358-2002 – Information Technology – BioAPI Specification
- ANSI/NIST-ITL 1-2000, Standard Data Format for the Interchange of Fingerprint, Facial, & Scar Mark & Tattoo (SMT Information)

4.2. Related Standards Activity

- ISO/IEC SC 37 19785.2, Common Biometric Exchange Formats Framework
- ISO/IEC SC 37 19784.2, BioAPI

4.3. Recommendations for Close Liaison

DoD organizations (e.g., Army, Navy, Air Force, DISA, DMDC)

National Security Agency (NSA)

INCITS Technical Committee T4

BioAPI Consortium

5. Units of Measurement used in the Standard

International Systems of Units (SI)

Inch/Pound

Both

Other

Not Measurement Sensitive