

InterNational Committee for Information Technology Standards
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**Project Proposal : INCITS 379: American National Standard for
Information Technology – Iris Image Interchange Format – Revision 1**

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M1/06-0474

Project Proposal

INCITS 379: American National Standard for Information Technology –Iris Image Interchange Format - Revision 1

1. Source of the Proposed Project

1.1 Title

INCITS 379: American National Standard for Information Technology - Iris Image Interchange Format - Revision 1

1.2 Date Submitted

June 15, 2006

1.3 Proposer(s)

INCITS Technical Committee M1, Biometrics

2. Process Description for the Proposed Project

2.1 Project Type (Development or Revision)

R - This is a standard revision project.

2.2 Type of Document

This project is expected to result in a revision to INCITS 379-2004.

2.3 Definitions of Concepts and Special Terms

No new concepts or special terms are anticipated to be required by this project.

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

None.

2.5 Recommended INCITS Development Technical Committee

INCITS Technical Committee M1, Biometrics

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 (Milestone 4)

The estimated date for initial public review is October 2006.

2.8 Estimated Useful Life of the Amended Standard

There is no known limit to the useful life of this revision.

3. Business Case for Developing the Proposed Standard or Technical Report

3.1 Description

Implementers working with INCITS 379-2004 have raised concerns that it is not sufficiently precise regarding to its conformance requirements. One objective of this project will be to evaluate such concerns and develop revisions in the standard that will resolve them.

Detailed examination of the standard have resulted in the discovery of a number of minor errors, omissions, and areas requiring clarification, most of which are editorial in nature, that should be corrected. A second objective of this project will be to clarify and correct errors in the standard that will improve its overall usability.

3.2 Existing Practice and the Need for a Standard

The original project proposal for project 1576-D provided the justification for the subject standard. Real world experience working with the resulting standard have raised some concerns that the standard's goal of high degree of interoperability for iris image biometric data may better be reached if interpretive and technical changes to the standard can be carefully considered under a revision of the original standard.

3.3 Implementation Impacts of the Proposed Standard

3.3.1 Development Costs

Development costs for this project are expected to be low, and to be covered by the participating organizations. Project meetings will normally take place in conjunction with regularly scheduled M1 Task Group meetings or via conference calls. It is not expected that the revised document will be larger than the original standard.

3.3.2 Impact on Existing or Potential Markets

The relatively modest costs of this project are expected to result in major benefits as the enhanced standardization of iris image data records leads to measurable improvements in inter-vendor and inter-system interoperability of such data.

3.3.3 Costs and Methods for Conformity Assessment

This revision should provide a stronger basis for the development of uniform, internationally recognized, interoperability and conformance tests. The willingness of vendors and end-users to jointly define testing requirements is demonstrated by strong activity and support for performance test development within Technical Committee M1. The possible testing environment may range from the use of suppliers' declarations to third party testing. Therefore the cost of conformity assessment is not known at this time.

3.3.4 Return on Investment

There is no known data on which to make an estimate.

3.4 Legal Considerations

3.4.1 Patent Assertions

Calls will be made to identify assertions of patent rights in accordance with the relevant INCITS and ANSI policies and procedures. INCITS/M1 is not aware of any existing, relevant patent claims.

3.4.2 Dissemination of the Standard or Technical Report

Drafts of the amended standard will be disseminated electronically. Dissemination of the final standard will be restricted as the document becomes the property of INCITS. INCITS M1 is not aware of any IP issues that will inhibit this process.

4. Related Standards Activities

4.1 Existing Standards

1. INCITS 379 American National Standard for Information Technology –Iris Image Interchange Format (the subject of this revision project).
2. ISO/IEC 19794-6, Information Technology - Biometric Data Interchange Formats - Part 6: Iris Image Data

4.2 Related Standards Activity

1. INCITS project 1704-D: Information technology. Conformance Testing for ANSI INCITS 379-2004, Iris Image Interchange Format (under development in INCITS M1)

4.3 Recommendations for Close Liaison

none

5. Units of Measurement used in the Standard

Indicate units of measurement used in the Standard:

- International Systems of Units (SI)
- Inch/Pound
- Both
- Other
- Not Measurement Sensitive