

**DOC: M1/05-0274**

April 11, 2005

## **Terms of Reference**

### **M1.4 Ad Hoc Group on Biometrics and E-Authentication (AHGBEA)**

#### **Background:**

As a result of the Workshop on Biometrics and E-Authentication Over Open Networks<sup>(1,2)</sup> held March 30-31, 2005 at NIST, the Workshop participants recommended areas for further work related to biometric architectures and security requirements. These recommendations, developed by the participants of Workshop Breakout Session 2, "*Elements of Secure Biometric-Based Authentication Systems*", included a request that INCITS Technical Committee M1 - *Biometrics* start a project for documenting within an application profile the use of biometrics for remote e-Authentication and perhaps initiate a study project to draft a technical report describing biometric architectures & security requirements (assuming biometrics would be allowed for each of the authentication levels defined in Office of Management and Budget's Memorandum OMB M-04-04, E-Authentication Guidance for Federal Agencies<sup>(3)</sup>).

As a result of these recommendations, the INCITS M1.4 Chair established an Ad Hoc Group to address the Workshop's recommendations. This Ad Hoc Group will operate under the following Terms of Reference:

1) Title: M1.4 Ad Hoc Group on Biometrics and E-Authentication (AHGBEA)

2) Chair: Cathy Tilton, Saflink Corp.

3) Purpose:

3.a Develop a technical report describing suitability of biometric architectures, security requirements and recommendations for the use of biometrics at each of the four authentication levels defined in Office of Management and Budget's Memorandum OMB M-04-04, E-Authentication Guidance for Federal Agencies (assuming biometrics would be allowed for each of these authentication levels).

This report shall also include discussions on how existing biometric standards support these biometric architectures and requirements and shall develop recommendations on further standards work in support of these applications, as required. In particular,

3.b The Ad Hoc Group shall develop a recommendation to M1.4 on whether M1 should initiate a project for documenting within an application profile the use of biometrics for remote e-Authentication.

4) Duration: The M1.4 Ad Hoc Group will work between M1.4 Meeting #10 (June 2005) and Meeting # 11 (October 2005).

5) Tentative meeting schedule:

Two meetings are anticipated. One during the week of June 6 – 10, 2005 (this meeting will be collocated with the M1 and M1 TG meetings to be held in Cherry Hill, NJ<sup>(4)</sup>) and one on September 21, 2005 in the afternoon (collocated with the Biometric Consortium Conference<sup>(5)</sup> to be held September 19-21, 2005 in Crystal City, VA).

6) Membership:

Participation in M1 and M1 TG/Ad Hoc Group meetings is open to any directly and materially affected parties. A call for membership will be issued.

7) References:

(1) Workshop Web Site: <http://www.nist.gov/b-eauth>

(2) Workshop Program: <http://www.csrc.nist.gov/pki/BioandEAuth/program.html>  
(a link to the Breakout Session 2 recommendations can be found under "Wrap-Up Panel Discussion".)

(3) Office of Management and Budget's Memorandum OMB M-04-04, E-Authentication Guidance for Federal Agencies:  
<http://csrc.nist.gov/policies/m04-04.pdf>

(4) INCITS M1 web site: [http://www.incits.org/tc\\_home/m1.htm](http://www.incits.org/tc_home/m1.htm)

INCITS M1 Document Register:

[http://www.incits.org/tc\\_home/m1htm/docs/m1docreg.htm](http://www.incits.org/tc_home/m1htm/docs/m1docreg.htm)

Document M1/05-0273: Logistics Package and Schedule of INCITS M1 and M1 Task Groups/Ad-Hoc Group Meetings – June 6 - 10, 2005 – Cherry Hill, NJ

(5) Biometric Consortium Conference web site: <http://www.nist.gov/bc2005>