

DOC: M1/06-1091

December 14, 2006

4th Revision – Terms of Reference

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

Revisions from 3rd revision (M1/06-0554) are shown in red.

Background:

As a result of the Workshop on Biometrics and E-Authentication Over Open Networks ^(1,2) 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⁽³⁾).

Due to these recommendations, the INCITS M1.4 Chair established an Ad Hoc Group to address the Workshop’s recommendations with the ToR reflected in M1/05-0274. AHGBEA met in June 05 in Cherry Hill (collocated with the M1 meetings) and in September 05 in Crystal City, VA collocated with the Biometric Consortium Conference. The meeting report (1st and 2nd meetings) is M1/05-0687.

Based on the need to reconstitute the Ad-Hoc Group for the next two meetings, the issues that this Ad-Hoc Group is addressing (M1/05-408) and the need for M1 and its Task Groups to address ongoing related standards activities within M1 and other standards bodies that touch on some of the issues addressed by/or are under examination by the Ad Hoc Group, a recommendation was made at the 2nd meeting to extend the ToR as reflected below.

This Ad Hoc Group will operate under the following **Revised 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.

3.c The Ad Hoc Group shall examine, as needed or required by its parent organization (INCITS M1.4), biometric-based verification/identification solutions/proposal/positions on e-authentication, biometric, and security issues related to the topics addressed in this Ad-Hoc Group.

3.d. The Ad Hoc Group shall provide recommendations to INCITS M1.4 and M1 (through M1.4) on activities/standards ongoing efforts in other groups such as standards bodies/industry groups related to the Ad-Hoc Group activities.

4) Duration: The M1.4 Ad Hoc Group will work between M1.4 Meeting #17 (December 2006) and Meeting #19 (June 2006).

5) Tentative meeting schedule:

Two further meetings are anticipated. A telecon in Jan 07 will be held to review draft WD6 of the report. The 2nd will be held collocated with the M1 and M1.4 TG meetings during the March meetings to review ballot results. If needed, a third meeting will also be collocated with the M1 and M1.4 TG meetings during the week of June 2007.

6) Membership:

Participation in M1 and M1 TG/Ad Hoc Group meetings is open to any directly and materially affected parties. In addition to biometric experts, participation/input

from security and crypto communities/experts is encouraged. A second call for membership will be issued. Other Standard Development Organizations (SDOs), industry consortia/for a and other groups will be invited to contribute to this effort (technical contributions/expert participation).

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

INCITS M1 Document Register:

http://www.incits.org/tc_home/m1htm/docs/m1docreg.htm