

**Recent Suggestion to Develop an
“ISO Equivalent” Standard to the
Forthcoming
American National Standard,
ANSI/NIST-ITL 1-2011**

ANSI/NIST-ITL Standard Workshop

July 29, 2010

Michael Hogan

NIST/ITL

SC37 WG3 Roadmap – July 2010

Version 1.5 - reflecting the discussions and the project status after the meeting in Melaka

“Further ideas:

- Explore the development of an equivalent standard to the currently proposed “ANSI/NIST – ITL 1 - 2010” standard within the framework of ISO SC37 [and other similar data exchange format standards that do not have ISO equivalents.]”

Genesis and Rationale

- UK National Body made this comment on the SC 37 WG 3 Roadmap.
- UK NB rationale at SC 37/WG 3 meeting :
 - Governments are using the ANSI/NIST-ITL 1 standard as the basis for their biometric transmission profiles.
 - Other organizations may be reluctant to use an “American” standard and would want to use an ISO standard for their profile.
- No specific organizations were identified by UK.

What does “ISO equivalent” mean?

Option 1: 5-Stage Process

- Start a SC 37 project when the 2011 version of ANSI/NIST-ITL 1 is approved.
- NP-WD-CD-DIS-FDIS-IS **or**
- NP/CD-DIS-FDIS-IS
- This takes 24 to 48 months.
- May be substantively different than ANSI/NIST-ITL 1-2011.

What does “ISO equivalent” mean?

Option 2: Fast-track Process

- US National Body (NB) of ISO/IEC JTC 1 (INCITS) fast tracks ANSI/NIST-ITL 1-2011.
- DIS-FDIS-IS
- Once DIS ballot starts, US NB cannot stop process.
- This takes less than 12 months.
- May be substantively different than ANSI/NIST-ITL 1-2011.
- Maintenance is assigned to JTC 1/ SC 37.

What does “ISO equivalent” mean?

Option 3: PAS Process

- NIST applies to JTC 1 to be a Publicly Available Specification (PAS) Submitter. (takes ~ 6 months)
- NIST submits ANSI/NIST-ITL 1-2011 for PAS ballot.
- DIS-FDIS-IS
- This takes about 8 months.
- PAS Submitter can decide to not accept any substantive changes to ANSI/NIST-ITL 1-2011.
- Maintenance is assigned to PAS Submitter or JTC 1/ SC 37.

What does “ISO equivalent” mean?

Option 4: JTC 1/SC 37 Profiles ANSI/NIST-ITL 1-2011

- Customer with a biometric application requests a profile project be initiated by JTC 1/SC 37.
- NIST applies to JTC 1/SC 37 to be a Approved Referencing Organization (ARO).
- SC 37/WG 4 (not WG 3) develops profile of ANSI/NIST-ITL 1-2011 based upon the customer’s application.
- This takes 24 to 48 months.

Implications of Options

- **Option 1: 5-stage process** -- substantive changes are highly likely.
- **Option 2: fast-track process** -- substantive changes are very likely.
- **Option 3: PAS process** -- PAS Submitter can decide not to accept any substantive changes.
- **Option 4: ISO profile** -- no “ISO equivalent” standard to ANSI/NIST-ITL 1-2011 is necessary.
- **All options are resource intensive.**

Poll of Workshop Attendees

(Feedback for JTC 1/SC 37/ WG 3)

- Is anyone aware of a specific market need for an “ISO equivalent” standard to ANSI/NIST-ITL 1-2011?
- If an “ISO equivalent” standard is necessary, should it have no substantive differences to ANSI/NIST-ITL 1-2011?
- Who would support work on an “ISO equivalent” standard?
- Any other feedback for JTC 1/SC 37/WG3?