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

ANSI/NIST-ITL Standard Workshop

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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

• 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)
- 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?