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Approved by General Counsel

TR-50 Meeting Report

Date(s): 12/18/2012 - 12/18/2012

Location: Teleconference

Approved: 01/07/2013

**Summary of Meeting
TIA TR-50
M2M-Smart Devices Communications**

DateTime: 2012-12-18, convene at 13:00 Eastern

GoToMeeting: <https://www1.gotomeeting.com/join/962260448>
Dial +1 (773) 945-1020; Meeting ID / Access Code: 962-260-448

Chair: Peter W Nurse peter.nurse@sigmadelta.com

Vice-Chair: Jim Wert jwert@ilstechnology.com

Important notice of participation:

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1) Call to Order & Opening Remarks

The meeting was called to order at 13:05 Eastern on 2012-12-18.

2) Early Disclosure Policy [†] info

The Chair reminded the meeting of TIA patent policy per the footnote contained in the meeting notice and agenda. The Chair asked if there was knowledge of patents that may be essential to the standards being considered in the Committee. None were recorded.

3) Attendee Roll-call and E-Sign-In info

The Chair reminded members of the important notice of participation contained in the meeting notice and agenda. The Chair reminded members to sign-in using TIA Electronic sign-in and the meeting code 2536.

The Chair conducted a roll-call and noted the presence of following Members on the quorum list:

C J Barber Consulting	Sigma Delta Communications
Ericsson	Telxxis LLC
Georgia Tech	Tseng Infoserve
ILS Technology	

The Chair asked if any of those Members present and identified on the quorum list were not organizations in good standing with TIA. Hearing no responses, the Chair declared a quorum present with seven of the eight quorum members present.

The following were also represented:

OPC Foundation

[†]TIA's patent policy can be found in the TIA Engineering Manual (5th edition). Participants in the work of the TIA Formulating Group are urged to review this policy. Participants are encouraged to notify TIA of any patents of which they are aware that are related to the practice of a TIA publication early on in the development of the TIA document to reduce the possibility for delays in the development process and increase the likelihood that the draft TIA publication will be approved for publication. Patent searches are not required to comply with the TIA IPR policy. Moreover, the Engineering Manual describes the need for members' disclosure of patents that are essential to practice TIA publications and for members to provide an indication of their willingness to license any known patents.

4) Review and Adoption of Agenda decisionTR50-20121128-001R1 Chair

- Contributions were numbered as necessary and assigned to agenda per this summary.
- The agenda was adopted as presented.

5) Review and Adoption of Previous Meeting Report(s) decisionTR50-20121128-002 Chair

- The meeting report was adopted as presented.

6) Incoming Correspondence discussion

TR50-20121128-004

- The Chair suggested returning to this contribution towards the end of the meeting as time permits, but recommended that members review the documents.

7) Old Business discussion/decision**a) Report from WG 2 Protocol Aspects** Orlett Pearson

- The Working Group has not conducted a meeting since the last meeting of the Committee.

i) Adopt for publication PN-4940-020, Protocol Aspects editor: Mihai Voicu

TR50-20121128-003

- All comments from the default ballot in TR50-20121128-003 were addressed, and the comment resolution was captured in TR50-20121128-005.
- A change history table was added to the ballot material from TR50-20121030-012R1, the resulting document was captured in TR50-20121128-006.
- Concern was expressed that the open system described in this document leads to unmaintainable systems, and an approach that includes description of specific methods is preferable. It was noted that the protocol as described requires knowledge outside of the scope of this document, and that further details will be required to facilitate inter-operability. The intent is that this document establish a framework for communication.
- A motion *to adopt the material in TR50-20121128-006 for publication* was adopted.
- There was discussion regarding the usefulness of this document to the industry. Concern that there is no guidance to implementers on how to extend the protocol. For example, there is no indication of how to represent a time value.
- A motion *to rescind the previous motion* was adopted.
- Further discussion lead to changes to the material, which was captured in TR50-20121128-006R1 and TR50-20121128-006R2. The changes are considered editorial as a result of the note to the table describing data types in Section 7.
- A motion *to adopt the material in TR50-20121128-006R2 for publication, understanding that all changes will adopted prior to submission for publication* was adopted.

b) Report from WG 3, Security Aspects Chuck Bokath

- The Working Group has not conducted a meeting since the last meeting of the Committee.

i) Adopt for publication PN-4974, TSB-4940 editor: Chuck Bokath

TR50-20121030-003

- All comments in TR50-20121030-003 were addressed at the previous. The comment resolution was captured in TR50-20121218-007.

TR50-20121030-014

- Changes to TIA-PN-4940 during the last meeting were captured in TR50-20121030-014. No further substantive changes to the material in TR50-20121030-014 were considered necessary at this meeting.
- A clean version of the material in TR50-20121030-014 was created, the header was updated, and the change history table populated and captured in TR50-20121128-008.
- Further editorial changes were adopted, and captured in TR50-20121128-008R1.
- A motion *to adopt the material in TR50-20121128-008R1 for publication as a TSB* was adopted.

c) Report from WG 5 Capabilities

Mihai Voicu

i) Adopt for publication PN-4940-050, Capabilities

editor: Mihai Voicu

TR50-20121030-007

- All comments in TR50-20121030-003 were addressed, and the comment resolution was captured in TR50-20121030-007.
- Deferred to a subsequent meeting due to lack of time.

d) Adopt for publication PN-4940-000-A

editor: Peter Nurse

TR50-20121030-011

- All comments were addressed during the last meeting, and the comment resolution was captured in TR50-20121030-004R1 as reported in the meeting report, TR50-20121128-002.
- Changes to TIA-PN-4940-000 during the last meeting were captured in TR50-20121030-011, which was not discussed further due to lack of time.
- Further discussion at this meeting was deferred due to lack of time.

8) Review Workplan

discussion/decision

- Not discussed further due to lack of time.

9) New Business

discussion

- None identified.

10) Outgoing Correspondence

decision

- None identified.

11) Other Business

discussion

- The Chair solicited further business at this time; none identified.

12) Next Meeting

discussion/decision

The next meeting is scheduled as follows:

2013-01-16 13:00	2013-01-16 15:00	GTM
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The Chair will initiate an email discussion on the schedule for 2013. The current tentative meeting schedule remains as follows:

2013-02-19 08:30	2013-02-22 17:00
2013-03-26 08:30	2013-03-26 10:30
2013-04-30 08:30	2013-05-03 17:00
2013-06-04 08:30	2013-06-04 10:30
2013-07-09 08:30	2013-07-12 17:00
2013-08-13 08:30	2013-08-16 17:00

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2013-09-17 08:30 2013-09-20 17:00
2013-10-22 08:30 2013-10-25 17:00
2013-11-26 08:30 2013-11-29 17:00

13) Adjournment

A motion to adjourn was accepted at 15:35 Eastern on 2012-12-18.
The meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Peter W. Nurse,
Chair, TIA TR-50