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Approved by General Counsel

TR-50 Meeting Report

Date(s): 05/08/2012 - 05/09/2012

Location: San Diego, CA

Approved: 05/14/2012

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

DateTime: 2012-05-08, convene at 08:30

Venue: Sofia Hotel, 150 West Broadway, San Diego, CA 92101
<http://www.thesofiahotel.com/>

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

Notes: The TR-50 Plenary may recess at any time during the scheduled meeting time to facilitate meetings of the Working Groups.

There will be an information session regarding oneM2M at 08:30 on 2012-05-09.

Important notice of participation:

Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by the head of TIA's Standards Program on a case-by-case basis.

1) Call to Order & Opening Remarks

The meeting was called to order at 08:35 Pacific on 2012-05-08. The meeting was placed into recess as 5:00pm on 2012-05-08 and reconvened at 11:30am on 2012-05-09 to allow members an opportunity to attend a oneM2M information session.

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 4376.

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

C J Barber Consulting	OPC Foundation
Ericsson	Sigma Delta Communications
Georgia Tech	Sprint/Nextel
ILS Technology	Tseng Infoserve
Nokia Siemens Networks	Wirefrecomm

[†]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.

1 The following Members were also present:

2 Century Link

3 The Chair asked if any of those in attendance represented organizations who were not in good standing
 4 with TIA. Hearing no responses, the Chair declared a quorum present with ten of the twelve quorum
 5 members present.

6 **4) Review and Adoption of Agenda** decision
 7 TR50-20120508-001R2 Chair

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

10 **5) Review and Adoption of Previous Meeting Summary(s)** decision
 11 TR50-20120508-002 Chair

- 12 • The contribution contained meeting reports from the meeting of 2012-03-25 in Atlanta, and the
 13 meeting of 2012-04-04 via teleconference. Both reports were approved as presented.

14 **6) Incoming Correspondence** discussion
 15 TR50-20120508-004

- 16 • The Chair noted that as a result of the correspondence from Ranjith Mukundan, Stellapps
 17 Technologies had been granted the privilege of attending one meeting of TR-50, and a temporary
 18 account had been established to provide access to the TR-50 ftp site. It was also noted that
 19 Stellapps Technologies were not present.
- 20 • Both pieces of correspondence were for information.

21 **7) Liaison Reports** discussion

22 **a) 3GPP2** Orlett Pearson
 23 TR50-20120508-006

- 24 • Clif Barber introduced ...006.
- 25 • The Chair asked if the Reference Architecture developed in TR-50 has been provided to 3GPP2.
 26 It was agreed to provide that input to 3GPP2. Clif to check with Orlette. Chair to check with TIA
 27 staff how to provide a copy to 3GPP2.

28 **b) ETSI** Omar Elloumi

- 29 • No report.

30 **c) CDG** Anil Kripalani

- 31 • No report.

32 **d) oneM2M** Cheryl Blum

- 33 • members were afforded the opportunity to attend an information session related to oneM2M at
 34 8:30am on 2012-05-09;

35 **8) Old Business** decision

36 **a) Creation of Working Groups**

37 **i) WG 4 Information Models and Standard Objects**

- 38 • The Chair asked for volunteers to Chair this Working Group, and no volunteers were
 39 forthcoming.

ii) WG 5 Software Aspects Mihai Voicu

- The Chair asked for volunteers to Chair this Working Group, and Mihai Voicu volunteered;
- It was agreed to appoint Mihai as the Chair.

iii) WG 6 Conformance and Testing

- The Chair asked for volunteers to Chair this Working Group, and no volunteers were forthcoming.

b) Summary from WG 1 Reference Architecture Mitch Tseng

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

i) Status of PN-4940-005-A editor:

- No change since last meeting.

c) Summary from WG 2 Protocol Aspects Orlett Pearson

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

i) Status of PN-4940-020 editor: Orlett Pearson

- No change since last meeting.

ii) Status of PN-4940-021 editor: Orlett Pearson

- No change since last meeting.

iii) Status of PN-4940-022 editor: Chuck Bokath

- No change since last meeting.

iv) Status of PN-4940-023 editor: Mihai Voicu**TR50-20120305-004** Tom Burke

- Tom introduced document TR50-20120305-004.
- Tom agreed to make OPC documents available to members of this group, and to provide a contribution to provide further background material.
- This document was remanded to all working groups to provide comments from their perspective.
- Discussion identified a need to review the current PN structure, the current Working Group structure, and the need to include parts that document Capabilities and focused Use Cases. See also agenda 8f and 9.

TR50-20120404-005_Part023 Mihai Voicu

- Mihai introduced TR50-20120404-005 with questions and answers exchanged during the discussion.
- It was agreed to adopt the material in TR50-20120404-005 as baseline for PN-4940-023.

d) Summary from WG 3, Security Aspects Chuck Bokath

- Not discussed due to lack of time.

i) Status of TSB-4940 editor:

- Noted that the current version is available on the ftp site at
/TR-50/TR-50_SDCS_Ad_Hoc/201120125_Teleconference/SDCS-20111026-002_
Threat_Analysis.pdf

e) Information Models and Standard Objects Orlett Pearson

- Not discussed due to lack of time.

i) Status of PN-4940-100 editor:

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ii) Status of PN-4940-101 editor:

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iii) Status of PN-4940-102 editor:

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iv) Status of PN-4940-103 editor:

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v) Status of PN-4940-104 editor:

-

f) Software Aspects discussion/decision

TR50-20120404-007R1

- It was noted that the cover page refers to PN-4940-023 rather than part PN-4940-050, and it was agreed to proceed as if the cover page had correctly referred to part PN-4940-050.
- It was agreed to re-name the Working group from *WG 5 Software Aspects* to *WG 5 Capabilities*, and re-task the Working Group to cover both hardware and software capabilities as appropriate.

i) Status of PN-4940-050 editor:

- Agreed to re-title PN-4940-050 to *M2M-Smart Device Communications; Capabilities*
- Agreed to adopt the material in 007R1 as the baseline.

ii) Status of PN-4940-051 editor:

- Agreed to withdraw this PN.

g) Conformance and Testing discussion/decision

- No change from last meeting.

h) Status of PN-4940-000-A editor: Peter Nurse

- No change from last meeting.

9) Review Workplan discussion/decision

TR50-20120508-003

- The Chair noted the modification as agreed at the last meeting to align the ballot date with our meeting of 2012-09-07;
- It was agreed that the workplan needs to be reviewed as a priority at the next meeting;
- Agreed to create a new PN-4940-010 to publish Use Cases, and assign PN-4940-010 to WG1;
- It was further agreed to rename *WG 1 Requirements and Architecture*.

10) Joint Work with ETSI TC M2M discussion/decision

- Not discussed due to lack of time.

11) New Business discussion

- None identified.

12) Outgoing Correspondence decision

TR50-20120508-005R1_proposed_outgoing

- The Chair presented TR50-20120508-005. The contents were amended per agreement, and captured in TR50-20120508-005R1.

a) Response to OPC Foundation (TR50-20120325-004)

Agreed as captured in 005R1

b) Response to BBF (TR50-20120404-004R2)

Agreed as captured in 005R1

c) Out Reach

The contents and intended recipients were agreed as captured in 005R1

13) Other Business discussion

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

14) Next Meeting discussion/decision

It was agreed to re-schedule the meeting currently scheduled for 2012-07-25 to 2012-08-01 to resolve conflicts for some members.

There was also discussion regarding the potential benefit of conducting a meeting adjacent to (but not in parallel with) an OPC Foundation event in October, but no decision was taken to re-schedule the meeting in October.

The current meeting schedule is as follows:

2012-06-20	GTM
2012-08-01	GTM
2012-09-06/07	target Chicago (co-locate with TR-45)
2012-10-24	GTM
2012-12-06/07	Maui (co-locate with TR-45)

15) Adjournment

A motion to adjourn was accepted at 15:15 local on 2012-05-09.

The meeting was conducted in accordance with the TIA Legal Guides and the Engineering Manual.

Peter W. Nurse,
Chair, TIA TR-50