



**TELECOMMUNICATIONS  
INDUSTRY ASSOCIATION**

**HEADQUARTERS**

2500 Wilson Boulevard  
Suite 300  
Arlington, VA 22201-3834  
+1.703.907.7700 **MAIN**  
+1.703.907.7727 **FAX**

**D.C. OFFICE**

10 G Street, N.E.  
Suite 550  
Washington, DC 20002  
+1.202.346.3240 **MAIN**  
+1.202.346.3241 **FAX**

[tiaonline.org](http://tiaonline.org)

## Approved by General Counsel

TR-50 Meeting Report

Date(s): 09/06/2012 - 09/07/2012

Location: Chicago, IL

Approved: 09/11/2012

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

---

**DateTime:** 2012-09-06, convene at 13:30 local

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

**Venue:** Hyatt Regency Chicago, 151 East Wacker Drive, Chicago, IL 60601

**Chair:** Peter W Nurse [peter.nurse@sigmadelta.com](mailto:peter.nurse@sigmadelta.com)

**Vice-Chair:** Jim Wert [jwert@ilstechnology.com](mailto:jwert@ilstechnology.com)

**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 13:36 local on 2012-09-06.

**2) Early Disclosure Policy <sup>†</sup>**

[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 4399.

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

Alcatel Lucent	LG Electronics
C J Barber Consulting	Sigma Delta Communications
Ericsson	Sprint/Nextel
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 eight of the twelve quorum members present.

The following Members were also present:

Century Link	Telxxis LLC
--------------	-------------

---

<sup>†</sup>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** decision  
 TR50-20120906-001 Chair

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

**5) Review and Adoption of Previous Meeting Report(s)** decision  
 TR50-20120906-002 Chair

- The meeting report was adopted as presented.

**6) Incoming Correspondence** discussion

- None identified.

**7) Liaison Reports** discussion

**a) 3GPP2** Orlett Pearson

- Orlett provided a verbal report and noted that 3GPP2 had approved the following for ballot:
  - TIA-PN-2000.1-F, TIA-2000.1-F. Introduction to cdma2000 Spread Spectrum Systems. (Ballot, August 2012). C.S0001-F v1.0
  - TIA-PN-2000.2-F, TIA-2000.2-F. Physical Layer Standard for cdma2000 Spread Spectrum Systems (Ballot, August 2012).
  - TIA-PN-2000.3-, TIA-2000.3-F. Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum Systems (Ballot, August 2012).
  - TIA-PN-2000.4-F, TIA-2000.4-F. Signaling Link Access Control (LAC) Standard for cdma2000 Spread Spectrum Systems (Ballot, August 2012).
  - TIA-PN-2000.5-F, TIA-2000.5-F. Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems (Ballot, August 2012)
  - PN-3-4692-3-AD3, TIA-707. Data Service Options for Spread Spectrum Systems. The PN will most likely be changed.

**b) ETSI** Omar Elloumi

- No report.

**c) CDG** Anil Kripalani

- No report.

**d) oneM2M** Cheryl Blum

- Noted the first meeting of the Technical Plenary in Nice, France, starting 2012-09-24, with second meeting scheduled for 2012-12-10 in China.
- It was further noted that a letter had been sent to TIA members concerning participation in oneM2M, however, several members reported that they had not received that letter. A copy of the letter was provided for information.

**8) Old Business** discussion/decision

**a) Creation of Working Groups**

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

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

**b) Report from WG 1 Requirements and Architecture** Mitch Tseng

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

**i) Adopt for ballot PN-4940-005-A, Reference Architecture** editor:

- No changes have been identified for the Reference architecture, so there is no need to create a ballot since the current version remains valid.
- It was agreed to remove this document from the current work-plan.

**ii) Adopt for ballot PN-4940-010, Use Cases** editor:

- Since there has been insufficient progress on this document, it was agreed to remove this from the current work-plan.

**c) 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 ballot PN-4940-020, Protocol Aspects** editor: Orlett Pearson**TR50-20120906-010R1**

- Initially it was agreed that since there has been insufficient progress on this document, it was agreed to remove this from the current work-plan. Subsequent discussion under agendum 8 c iv lead to an amendment of this agreement and an agreement to publish material originally intended for PN-4940-022 into PN-4940-020. See also agendum 8c iv.
- Mihai volunteered to assume editor role of PN-4940-020, and it was agreed to appoint Mihai the editor.
- Contribution 010 was reviewed and minor modifications were agreed and captured in 10R1.
- A motion *to adopt the material in TR50-20120906-010R1 for ballot* was carried.

**ii) Adopt for ballot PN-4940-021, Optimizing Access Network Capabilities** editor: Orlett Pearson

- Since there has been insufficient progress on this document, it was agreed to remove this from the current work-plan.

**iii) Adopt for ballot PN-4940-022, Deploying and Securing Applications** editor: Chuck Bokath**TR50-20120906-009**

- The Chair confirmed with the contributor that they are prepared to abide by TIA IPR guidelines for TR50-20120906-009.
- The document was reviewed and comments addressed by the editor.
- It was noted that the material would need to be transferred into the standard template.
- Time did not permit a review of the updated document.

**iv) Adopt for ballot PN-4940-023, Using HTTP family** editor: Mihai Voicu**TR50-20120906-008**

- Mihai provided a detailed introduction to ...008.
- It was agreed to move a portion of this material into PN-4940-020, including sections 5, 5.1.1, 5.1.2, 9, 10 and Annex-A.
- It was agreed to move material based on sections 5.2, 6, 7 and 8 into an informative annex in PN-4940-050, with an example of how to use the primitives to implement the capabilities listed in PN-4940-050.
- PN-4940-023 will then be removed from the current work-plan, and re-instate PN-4940-020. See also agendum 8c i.

**d) 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 ballot PN-4974, TSB-4940** editor: Chuck Bokath

TR50-20120906-004

TR50-20120906-007

- The Chair confirmed with the contributor that they are prepared to abide by TIA IPR guidelines for TR50-20120906-007.
- Contributions 004 and 007 were combined into a composite of the V&V comments and uploaded to the ftp site as *TR50\_Comment Sheet composite.xls*
- All V&V comments were addressed and the disposition of the comment captured in *TR50\_Comment Sheet composite\_V&V resolution sheet.xls*, with corresponding amendments to PN-4974 captured by the editor. Time did not permit a review of the updated document.

**e) Report from WG 5 Capabilities** Mihai Voicu

TR50-20120906-006

**i) Adopt for ballot PN-4940-050, Capabilities** editor:

- The Chair confirmed with the contributor that they are prepared to abide by TIA IPR guidelines for TR50-20120906-006.
- The material in the document was reviewed and amended as captured in 006R1.
- Further amendments were captured in 006R2. Time did not permit a review of the updated material in 006R2.

**f) Report from WG6, Conformance and Testing** Chuck Bokath

- Time did not permit addressing this agendum.

**g) Information Models and Standard Objects**

**i) Adopt for ballot PN-4940-100, Standard Objects** editor:

- Time did not permit addressing this agendum.

**h) Adopt for ballot PN-4940-000-A** editor: Peter Nurse

TR50-20120906-005

- Time did not permit addressing this agendum.

**9) Review Workplan** discussion/decision

- Time did not permit a review of the workplan, but note agreements in agenda 8b i, 8b ii, and 8c.

**10) Submission to oneM2M** discussion/decision

- Time did not permit addressing this agendum.

**11) New Business** discussion

- Time did not permit addressing this agendum.

**12) Outgoing Correspondence** decision

- Time did not permit addressing this agendum.

1 **13) Other Business** discussion

- 2 • Time did not permit addressing this agenda.

3 **14) Next Meeting** discussion/decision

4 It was agreed to continue the work of the Committee via teleconference on 2012-09-18.

5 The current meeting schedule is amended as follows:

6	2012-09-18	GTM 13:00 Eastern
7	2012-10-30/31	target Boca Raton FL or Arlington VA
8	2012-12-18	GTM 10:00 Eastern

9 **15) Adjournment**

10 A motion to adjourn was accepted at 17:45 local on 2012-09-07.

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

---

12 Peter W. Nurse,  
13 Chair, TIA TR-50