Approved by General Counsel

TR-50 Meeting Report

Date(s): 10/06/2010 - 10/06/2010

Location: Los Angeles

Approved: 04/03/2013

TIA Engineering Committee TR-50 – Smart Device Communications
Meeting Summary
6 October 2010 - Los Angeles Convention Center – Los Angeles, CA

1. Call to Order & Opening Remarks

The meeting was called to order on 6 October 2010 by the Chair, Jeff Smith (Numerex) at 8:38am Pacific time.

2. Important Notice of Participation

The Secretary informed the meeting attendees of the Important Notice of Participation provided in Note 1 on the meeting agenda.

3. Attendance Registration & Roll Call

Attendance was recorded as indicated by the quorum information provided below. Fifteen (15) out of the twenty-one (21) quorum members were present at the meeting (71% participation). Quorum was achieved.

Quorum Members Present	Quorum Members Absent	Others Present
Alcatel-Lucent	AT&T	
Cisco Systems, Inc.	Silver Spring Networks	
Ericsson	Sprint Nextel	
Huawei	VoCAL	
ILS Technology	Samsung	
Intel		
LG Electronics		
Mitsubishi Electric		
Numerex		
Qualcomm		
Sigma Delta Communications		
Tyco Electronics		
Verizon		
VIA Telecom		
WirefreeCom, Inc		
ZTE		

4. Agenda Review & Approval

Contribution TR50-20100820-001r4, the meeting agenda, was approved as presented.

Decision 50-2010/10-01

The agenda presented in contribution -001r4 was approved.

5. Early Disclosure Policy

1 The Secretary informed the meeting attendees of the TIA Patent Policy, per Note 4 on the meeting
2 agenda. There were no comments from the meeting attendees regarding the early disclosure of
3 patents.
4

6. Introduction of Submissions and Contributions and Numbering

6 The following documents were numbered and assigned accordingly.
7

TR50-20101006-	Title	Source	Status	Agenda Item
000r3	Document Register	Secretary	Information	6
001r4	Proposed Agenda	Secretary	Decision	4
002	Draft 20 August 2010 Meeting Summary	Secretary	Decision	7
003	Using Online Collaborative Tools	Secretary	Discussion	9a
004	Proposed TR-50 2011 Meeting Schedule	Secretary	Decision	10a
005	ITU-T Smart Grid Focus Group	Chair, TR-45	Information	10b
006	Standardization as a Catalyst of M2M Market Expansion Presentation	Chair, TR-50	Information	10c
007	Presentation for CDG Smart Wireless Conference	Huawei	Information	10d
008	An interface to communicate between two machines/entities via the internet	Cisco	Information	10e
009	M2M Evolution – International Cooperation in the Area of M2M Standardization	Chair, TR-50	Information	10f
010	TR-50.1 Report to TR-50	Chair, TR-50.1	Information	11a
011	3GPP2 Liaison Statement to TR-50	Alcatel-Lucent	Information	8b

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7. Review of Meeting Report from Previous Meetings

10 Contribution TR50-20101006-002, the meeting summary from the 20 August 2010 meeting, was
11 approved as presented.
12

13 **Decision 50-2010/10-02**
14 The meeting summary presented in contribution -002 was approved.
15

8. Liaison Reports

17 8a.   ITU-T SG15 Q1
18 No report given.
19

20 8b.   3GPP2
21 Contribution TR50-20101006-011, the 3GPP2 liaison report, was presented. There were no questions
22 for clarification.
23

24 8c.   ETSI

No report given.

8d.   ISO IEC SC25 WG1
No report given.

8e.   CDG
No report given.

8f.   IETF
No report given.

8g.   NIST
No report given.

9. Old Business

9a.   Collaborative Tools

In response to the following action items, contribution TR50-20101006-003, information regarding the use of online collaborative tools was presented.

Action 50-2010/08-01
The Secretary will edit contribution TR50-20100820-004a so that the questions/concerns identified are more generalized and not specific to Wiki (as other collaborative tools are being explored)

Action 50-2010/08-02
TR-50 will provide feedback on the update to TR50-20100820-004a prior to the 27 October 2010 TSSC meeting. The information provided by TR-50 will be included in the contribution submitted to the TSSC

During discussions additional questions were raised and the following was noted:

➢ While approval from the TSSC for TR-50 to use an online collaborative tool to develop a standard is not necessary, the TSSC will be kept informed of the tool(s) TR-50 decides to use.
➢ Other TIA engineering committees will be given the opportunity to use the tool, if the committee so desires.

Action 50-2010/10-01
The Secretary and TR-50.1 Chair will work to provide answers to the additional questions raised (during the October meeting and TIA's legal counsel) regarding the use of online collaborative tools.

9b.   Sub-Committee(s) Creation (Security, Protocols, etc.)

While no discussions occurred during this meeting, this topic remains open and will be carried forward to the next TR-50 meeting.

9c.   Update on GSC-15 Meeting

The resolution to create an M2M Standardization Task Force (MSTF) was passed. Jeff Smith, Numerex, was named as the MSTF Convener.

For additional information on the resolutions identifying the top areas discussed, please see http://gsc15.ccsa.org.cn.

10. New Business

10a.   Proposed 2011 TR-50 Meeting Calendar

Contribution TR50-201006-004, the preliminary 2011 meeting calendar, noted several organizations' schedules that TR-50 wishes to avoid when scheduling its future meetings. During discussions it was noted:

- ➢ TR-50.1 will meet every month. During months that TR-50 holds a face-to-face meeting, TR-50.1 will collocate with TR-50
- ➢ The ITU WP5A schedule should be avoided, as should several known M2M conferences

Action 50-2010/10-02

The Secretary will update contribution -004 with the ITU WP5A schedule and the list of M2M conferences previously provided. The updated contribution will be forwarded to the TR-50 reflector and brought into the Honolulu meeting in December.

Decision 50-2010/10-03

The TR-50 and TR-50.1 committees will meet (face-to-face) during the TIA2011 "Inside the Network" event being held at the Gaylord Texan near Dallas.
- ➢ 19 May 2011 - TR-50.1
- ➢ 20 May 2011 – TR-50

10b.   ITU-T Smart Grid Focus Group

Contribution TR50-20101006-005, information on the ITU-T Smart Grid Focus Group, was presented. It was noted that while TIA is not a member of the ITU, it can still contribute to the focus group and will do so, considering several TIA committees are engaged in standards work related to smart grid devices and communications. Therefore, TIA will contribute TR-50 input to the ITU focus group.

A verbal update on collaboration efforts with Georgia Tech regarding security was given. It was noted that a meeting to explore the next steps to move the security standards development forward is being planned.

10c.   IEEE ComSoc/NATEA-SV Workshop

Contribution TR50-20101006-006, a presentation entitled "Standardization as a Catalyst of M2M Market Expansion" that was given at the IEEE ComSoc/NATEA-SV Workshop, was provided FYI.

10d.   Presentation for CDG Smart Wireless Conference

Contribution TR50-20101006-007, a presentation entitled "M2M on CDMA: Challenges and Opportunities" that was given during the CDG Smart Wireless Conference, was presented FYI.

10e.   An Interface to Communicate Between Two Machines/Entities via the internet

Contribution TR50-20101006-008a, Machine to Machine connectivity over the Internet proposal, was presented. There were no questions for clarification.

10f.   M2M Evolution – International Cooperation in the Area of M2M Standardization

Contribution TR50-20101006-009, International Cooperation in the Area of M2M Standardization, was provided FYI.

11. Subcommittee Reports

11a.   TR-50.1 Architecture and Requirements

Contribution TR50-20101006-010, the TR-50.1 update to TR-50, was presented. There were no questions for clarification.

12. Open Discussion

None

13. Next Meeting/Future Meeting Schedule

See topic 10a "Proposed 2011 TR-50 Meeting Calendar" for detailed information regarding the TR-50 2011 meeting schedule.

Currently, the next scheduled meeting of TR-50 is 20 May 2011, in conjunction with the TIA2011 event, but as discussions continue in December 2010 it is expected that TR-50 will meet before May 2011.

13. Adjournment

Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and was adjourned at approximately 2:15pm Eastern time on 20 August 2010.

Jeff Smith
Chair
Engineering Committee TR-50

Victoria Mitchell
Secretary
Engineering Committee TR-50