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Approved by General Counsel

TR-50 Meeting Report

Date: 10/06/10

Location: LosAngeles, CA

Approved: 11/11/10

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

1
2 **1. Call to Order & Opening Remarks**

3 The meeting was called to order on 6 October 2010 by the Chair, Jeff Smith (Numerex) at 8:38am
4 Pacific time.
5

6 **2. Important Notice of Participation**

7 The Secretary informed the meeting attendees of the Important Notice of Participation provided in
8 Note 1 on the meeting agenda.
9

10 **3. Attendance Registration & Roll Call**

11 Attendance was recorded as indicated by the quorum information provided below. Fifteen (15) out of
12 the twenty-one (21) quorum members were present at the meeting (71% participation). Quorum was
13 achieved.
14

| <u>Quorum Members Present</u> | <u>Quorum Members Absent</u> | <u>Others Present</u> |
|-------------------------------|------------------------------|-----------------------|
| 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 | | |
| <u>Tyco Electronics</u> | | |
| Verizon | | |
| VIA Telecom | | |
| WirefreeCom, Inc | | |
| ZTE | | |

15
16 **4. Agenda Review & Approval**

17 Contribution TR50-20100820-001r4, the meeting agenda, was approved as presented.
18

19 **Decision 50-2010/10-01**

20 The agenda presented in contribution -001r4 was approved.
21

22 **5. Early Disclosure Policy**

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

6. Introduction of Submissions and Contributions and Numbering

The following documents were numbered and assigned accordingly.

| 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 |

7. Review of Meeting Report from Previous Meetings

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

Decision 50-2010/10-02

The meeting summary presented in contribution -002 was approved.

8. Liaison Reports

8a. ITU-T SG15 Q1

No report given.

8b. 3GPP2

Contribution TR50-20101006-011, the 3GPP2 liaison report, was presented. There were no questions for clarification.

8c. ETSI

1 No report given.

2
3 8d. ISO IEC SC25 WG1

4 No report given.

5
6 8e. CDG

7 No report given.

8
9 8f. IETF

10 No report given.

11
12 8g. NIST

13 No report given.

14
15 **9. Old Business**

16 9a. Collaborative Tools

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

19
20 Action 50-2010/08-01

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

24
25 Action 50-2010/08-02

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

29
30 During discussions additional questions were raised and the following was noted:

- 31
32 ➤ While approval from the TSSC for TR-50 to use an online collaborative tool to develop a
33 standard is not necessary, the TSSC will be kept informed of the tool(s) TR-50 decides to use.
34 ➤ Other TIA engineering committees will be given the opportunity to use the tool, if the
35 committee so desires.

36
37 **Action 50-2010/10-01**

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

40
41 9b. Sub-Committee(s) Creation (Security, Protocols, etc.)

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

44

1 9c. Update on GSC-15 Meeting

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

4
5 For additional information on the resolutions identifying the top areas discussed, please see
6 <http://gsc15.ccsa.org.cn>.

7
8 **10. New Business**

9 10a. Proposed 2011 TR-50 Meeting Calendar

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

- 13
- 14 ➤ TR-50.1 will meet every month. During months that TR-50 holds a face-to-face meeting, TR-
15 50.1 will collocate with TR-50
- 16 ➤ The ITU WP5A schedule should be avoided, as should several known M2M conferences

17
18 **Action 50-2010/10-02**

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

22
23 **Decision 50-2010/10-03**

24 The TR-50 and TR-50.1 committees will meet (face-to-face) during the TIA2011 "Inside the Network"
25 event being held at the Gaylord Texan near Dallas.

- 26 ➤ 19 May 2011 - TR-50.1
- 27 ➤ 20 May 2011 - TR-50

28
29 10b. ITU-T Smart Grid Focus Group

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

34
35 A verbal update on collaboration efforts with Georgia Tech regarding security was given. It was
36 noted that a meeting to explore the next steps to move the security standards development forward is
37 being planned.

38
39 10c. IEEE ComSoc/NATEA-SV Workshop

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

42
43 10d. Presentation for CDG Smart Wireless Conference

1 Contribution TR50-20101006-007, a presentation entitled "M2M on CDMA: Challenges and
2 Opportunities" that was given during the CDG Smart Wireless Conference, was presented FYI.
3

4 10e. An Interface to Communicate Between Two Machines/Entities via the internet

5 Contribution TR50-20101006-008a, Machine to Machine connectivity over the Internet proposal, was
6 presented. There were no questions for clarification.
7

8 10f. M2M Evolution - International Cooperation in the Area of M2M Standardization

9 Contribution TR50-20101006-009, International Cooperation in the Area of M2M Standardization, was
10 provided FYI.
11

12 **11. Subcommittee Reports**

13 11a. TR-50.1 Architecture and Requirements

14 Contribution TR50-20101006-010, the TR-50.1 update to TR-50, was presented. There were no
15 questions for clarification.
16

17 **12. Open Discussion**

18 None
19

20 **13. Next Meeting/Future Meeting Schedule**

21 See topic 10a "Proposed 2011 TR-50 Meeting Calendar" for detailed information regarding the TR-50
22 2011 meeting schedule.
23

24 Currently, the next scheduled meeting of TR-50 is 20 May 2011, in conjunction with the TIA2011
25 event, but as discussions continue in December 2010 it is expected that TR-50 will meet before May
26 2011.
27

28 **13. Adjournment**

29 Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The
30 meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and
31 was adjourned at approximately 2:15pm Eastern time on 20 August 2010.
32

33 Jeff Smith
34 Chair
35 Engineering Committee TR-50
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38
39

40 Victoria Mitchell
41 Secretary
42 Engineering Committee TR-50
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