

Approved by General Counsel

TR-50 Meeting Report

Date(s): 04/12/2010 - 04/13/2010

Location: Atlanta, GA

Approved: 04/03/2013

Telecommunication Industry Association
TR-50 Committee - Smart Device Communications
(Approved) Report of Meeting
12-13 April 2010
Georgia Tech Hotel and Conference Center – Atlanta, GA

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

3 The meeting was called to order on 12 April 2010 by the Chair, Jeff Smith (Numerex) at 10:37am local
4 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 Meeting attendees signed-in electronically at www.tiaonline.org and attendance was recorded as
12 indicated by the quorum information provided below. Sixteen (16) out of the twenty eight (28)
13 quorum members were present at the meeting (57% participation). Quorum was achieved.
14

<u>Quorum Members Present</u>	<u>Quorum Members Absent</u>	<u>Others Present</u>
Alcatel-Lucent	Samsung	Allan Angus
Cisco Systems	SkyTerra Communications	AT&T
Ericsson	Speecys Pte. ltd.	Silver Spring Networks
HUAWEI	TaTa Teleservices Ltd.	TIA
ILS Technology	Underwriters Laboratory Inc	
Intel	WK3C Wireless LLC	
Motorola Inc.	Farance Inc	
Numerex	Lantiq	
Qualcomm	LG Electronics	
Sigma Delta Communications, Inc.	Nokia	
Sprint	VoCAL	
Thales Communications, Inc.		
Tyco Electronics		
Ulticom		
Verizon		
VIA Telecom		
WirefreeCom, Inc.		

15
16 **4. Agenda Review & Approval (TR50-20100412-001r2)**

17 Contribution TR50-20100412-001R2, the meeting agenda, was presented.
18

19 **Motion: To approve the meeting agenda presented in TR50-20100412-001R2.**

1 Moved: Numerex
2 Second: Alcatel-Lucent
3 **Unanimously approved.**
4

5. Early Disclosure Policy

5 The Secretary informed the meeting attendees of the TIA Patent Policy, per Note 4 on the meeting
6 agenda. There were no comments from the meeting attendees regarding the early disclosure of
7 patents.
8
9

10 6. Introduction of Submissions and Contributions and Numbering

11 The following documents were numbered and assigned accordingly.
12

TR50-20100412--	Title	Source	Status	Agenda Item
000	Document Register	TIA	Information	6
001r2	Proposed Agenda	TIA	Decision	4
002	Draft 10 March 2010 Meeting Summary	TIA	Decision	7
003	Georgia Tech Guest Speaker Bios	Alain Louchez, Numerex	Information	9a
004	Numbering Schemes for Wireless Devices	Huawei	Information	11d

13 7. Review of Meeting Report from Previous Meetings (TR50-20100412-002R2)

14 Contribution TR50-20100412-002r2, the meeting summary from the 12 April 2010 TR-50 meeting was
15 presented.
16
17

18 **Motion: To approve the meeting summary presented in TR50-20100412-002r2.**

19 Moved: Huawei
20 Second: Alcatel-Lucent
21 **Unanimously approved.**
22

23 8. LIAISON REPORTS

24 8a. ITU-T SG15 Q1

25 No report given.
26

27 8b. 3GPP2

28 No report given.
29

30 8c. ETSI

31 No report given.
32

33 8d. ISO IEC SC25 WG1

34 No report given.
35

1 8e. CDG

2 No report given.

3
4 8f. IETF

5 No report given.

6
7 8g. IEEE 802.15

8 While no report was given, Mr. Mike Lynch, Silver Spring Networks, volunteered as the TR-50 liaison
9 to IEEE 802.15.

10
11 **8. New Business**

12 9a. Security as the Foundation of Smart Device Communications (TR50-20100412-003)

13 Dr. Mustaque Ahamad presented "Smart Device Security: From Threats to Mitigation Strategies".

14
15 9b. Cloud Computing and the Smart Environment (TR50-20100412-003)

16 Dr. Kartsten Schwan presented "Cloud Computing at Georgia Tech and Embedded and Utility
17 Clouds - Software and Management Stacks.

18
19 9c. Emerging Technologies in Smart Device Communications (TR50-20100412-003)

20 Dr. Mary Ann Ingram presented "Emerging Technologies in Smart Device Communications".

21
22 **10. Sub-Committee Reports**

23 10a. TR-50.1 Architecture and Requirements

24 *TR-50.1 Election Confirmation*

25 During the TR-50.1 meeting, held 11 April 2010, Mr. Peter Nurse (Sigma Delta Communications, Inc.)
26 was elected TR-50.1 Chair; Mr. Mitch Tseng (Huawei) was elected TR-50.1 Vice Chair.

27
28 **Motion to Approve Peter Nurse (Sigma Delta Communications, Inc.) as Chair of TR-50.1 and
29 Mitch Tseng (Huawei) as Vice Chair:**

30 Moved: Numerex

31 Second: Verizon

32 **Unanimously Approved.**

33
34 **11. Other Business**

35 11a. Use Cases

36 TR-50 welcomes participants to bring use cases, particularly those which will help identify the gap
37 between existing standards and those standards best suited for TR-50 to develop. Inviting third party
38 participants who specialize in Security in the Smart Device Communications arena will also be
39 explored and encouraged. Participants were encouraged to submit use cases into the TR-50.1
40 teleconference scheduled for 27 May 2010 at 1:00pm EDT.

41
42 11b. Collaborative Tools

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1 Wiki

2 TR-50 is exploring the use of collaborative tools for use in the development of its standards.

3
4 **Action 2010/04-01**

5 TR-50 will submit a written contribution to the TIA Secretariat noting its requirements/expectations
6 of any online tools to assist the TIA in identifying and implementing the most appropriate tools.

7
8 11c. Numbering Schemes for Wireless Devices (TR50-20100412-004)

9 Contribution TR50-20100412-004 was presented. This contribution will be brought into the M2M
10 numbering ad hoc teleconference by TR-50 for discussion/FYI.

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12 **Action 2010/04-02**

13 TR-50 will submit TR50-20100412-004, Numbering Schemes for Wireless Devices, into the 12 April
14 2010 M2M numbering ad hoc teleconference.

15
16 **12. Next Meeting**

17 TR-50's future meeting schedule was determined:

- 18 ➤ TR-50.1 teleconference May 27 @ 1:00pm EDT - duration 2 hours
- 19 ➤ June 17-18 - Chicago (during Connected World Conference)
- 20 ➤ August 19-20 - Teleconference (Jeff's birthday on 19th)
- 21 ➤ (week of) September 13-17 - Philadelphia (w/ETSI)
- 22 ➤ October 6-7 (w/TMC IT Expo) - Los Angeles, CA
- 23 ➤ November 4-5 - w/IEEE

24 During the discussions, it was noted that the May and July 2010 TR-50 meetings would be canceled.

25
26 Before we adjourned, TR-50 authorized Alain Louchez to explore with Georgia Tech, on behalf of TIA
27 TR-50, ways to establish a mutually beneficial ongoing cooperation (the form of which would have to
28 be defined and approved by both parties) especially in the area of security.

29
30 **13. Adjournment**

31 Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The
32 meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and
33 was adjourned at approximately 11:58 AM local time 13 April 2010.

34
35 **Motion: To adjourn the TR-50 meeting in Atlanta, GA.**

36 Moved: Huawei

37 Second: Numerex

38 **Meeting adjourned @ 11:58am local time on 13 April 2010.**

39
40
41 Jeff Smith
42 Chair
43 Engineering Committee TR-50
44

Victoria Mitchell
Secretary
Engineering Committee TR-50

Approved by TIA General Counsel 4/3/13
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1 **Annex-A: Action Items Recorded During the 12-13 April 2010 2010 TR-50 Meeting:**

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3 **Action 50-2010/04-01**

4 TR-50 will submit a written contribution to the TIA Secretariat noting its requirements/expectations
5 of any online tools to assist the TIA in identifying and implementing the most appropriate tools.
6

7 **Action 50-2010/04-02**

8 TR-50 will submit TR50-20100412-004, Numbering Schemes for Wireless Devices, into the 12 April
9 2010 M2M numbering ad hoc teleconference.
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