<u>Approved by General Counsel</u>

TR-50 Meeting Report

Date: 04/12-13/10

Location: Atlanta, GA

Approved: 05/13/10

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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1. Call to Order & Opening Remarks

The meeting was called to order on 12 April 2010 by the Chair, Jeff Smith (Numerex) at 10:37am local 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

Meeting attendees signed-in electronically at www.tiaonline.org and attendance was recorded as indicated by the quorum information provided below. Sixteen (16) out of the twenty eight (28) quorum members were present at the meeting (57% participation). Quorum was achieved.

Quorum Members Present	Quorum Members Absent	Others Present
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.		

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

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

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

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

5 **5. Early Disclosure Policy**

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

10 **6. Introduction of Submissions and Contributions and Numbering**

11 The following documents were numbered and assigned accordingly.
12

TR50-20100310--	Title	Source	Status	Agenda Item
000r3	Document Register	TIA	Information	6
001r3	Proposed Agenda	TIA	Decision	4
002	Draft Meeting Report Feb. 4	TIA	Decision	7
003	TR-50 Working Procedures	Qualcomm	Decision	9
004	Proposed Guides for Action	Numerex	Decision	1, 8e
005	Smart Grids TR-50 comment	TR-45	Information	8i
006	G.hnem project – Architecture and Current status	Lantiq North America	Information	8j
007	TR-50 Proposed Meetings Schedule	Numerex	Information	8a
008	M2M Numbering Concerns	3GPP2 SC Chair	Information	
009	Scope & Charter of TR-50.1	Peter Nurse	Decision	9a

13

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

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

1
2 <u>8d.   ISO IEC SC25 WG1</u>
3 No report given.

4
5 <u>8e.   CDG</u>
6 No report given.

7
8 <u>8f.   IETF</u>
9 No report given.

10
11 <u>8g.   IEEE 802.15</u>
12 While no report was given, Mr. Mike Lynch, Silver Spring Networks, volunteered as the TR-50 liaison
13 to IEEE 802.15.

14
15 **8. New Business**

16 <u>9a.   Security as the Foundation of Smart Device Communications</u> (TR50-20100412-003)
17 Dr. Mustaque Ahamad presented "Smart Device Security: From Threats to Mitigation Strategies".
18
19 <u>9b.   Cloud Computing and the Smart Environment</u> (TR50-20100412-003)
20 Dr. Kartsten Schwan presented "Cloud Computing at Georgia Tech and Embedded and Utility
21 Clouds – Software and Management Stacks.
22
23 <u>9c.   Emerging Technologies in Smart Device Communications</u> (TR50-20100412-003)
24 Dr. Mary Ann Ingram presented "Emerging Technologies in Smart Device Communications".
25
26 **10. Sub-Committee Reports**

27 <u>10a.   TR-50.1 Architecture and Requirements</u>
28 *TR-50.1 Election Confirmation*
29 During the TR-50.1 meeting, held 11 April 2010, Mr. Peter Nurse (Sigma Delta Communications, Inc.)
30 was elected TR-50.1 Chair; Mr. Mitch Tseng (Huawei) was elected TR-50.1 Vice Chair.
31
32   **Motion to Approve Peter Nurse (Sigma Delta Communications, Inc.) as Chair of TR-50.1 and**
33   **Mitch Tseng (Huawei) as Vice Chair:**
34   Moved: Numerex
35   Second: Verizon
36   **Unanimously Approved.**
37
38 **11. Other Business**

39 <u>11a.   Use Cases</u>
40 TR-50 welcomes participants to bring use cases, particularly those which will help identify the gap
41 between existing standards and those standards best suited for TR-50 to develop. Inviting third party
42 participants who specialize in Security in the Smart Device Communications arena will also be

1 explored and encouraged. Participants were encouraged to submit use cases into the TR-50.1
2 teleconference scheduled for 27 May 2010 at 1:00pm EDT.
3
4 <u>11b.   Collaborative Tools</u>
5 *Wiki*
6 TR-50 is exploring the use of collaborative tools for use in the development of its standards.
7
8 **Action 2010/04-01**
9 TR-50 will submit a written contribution to the TIA Secretariat noting its requirements/expectations
10 of any online tools to assist the TIA in identifying and implementing the most appropriate tools.
11
12 <u>11c.   Numbering Schemes for Wireless Devices</u> (TR50-20100412-004)
13 Contribution TR50-20100412-004 was presented. This contribution will be brought into the M2M
14 numbering ad hoc teleconference by TR-50 for discussion/FYI.
15
16 **Action 2010/04-02**
17 TR-50 will submit TR50-20100412-004, Numbering Schemes for Wireless Devices, into the 12 April
18 2010 M2M numbering ad hoc teleconference.
19
20 **12. Next Meeting**
21 TR-50's future meeting schedule was determined:
22   ➢ TR-50.1 teleconference May 27 @ 1:00pm EDT – duration 2 hours
23   ➢ June 17-18 – Chicago (during Connected World Conference)
24   ➢ August 19-20 – Teleconference (Jeff's birthday on 19th)
25   ➢ (week of) September 13-17 – Philadelphia (w/ETSI)
26   ➢ October 6-7 (w/TMC IT Expo) – Los Angeles, CA
27   ➢ November 4-5 – w/IEEE
28 During the discussions, it was noted that the May and July 2010 TR-50 meetings would be canceled.
29
30 Before we adjourned, TR-50 authorized Alain Louchez to explore with Georgia Tech, on behalf of TIA
31 TR-50, ways to establish a mutually beneficial ongoing cooperation (the form of which would have to
32 be defined and approved by both parties) especially in the area of security.
33
34 **13. Adjournment**
35 Having concluded the meeting's deliberations, a motion was made to adjourn the meeting. The
36 meeting was conducted in accordance with the TIA Engineering Manual and TIA Legal Guide and
37 was adjourned at approximately 11:58 AM local time 13 April 2010.
38
39   **Motion: To adjourn the TR-50 meeting in Atlanta, GA.**
40   Moved: Huawei
41   Second: Numerex
42   **Meeting adjourned @ 11:58am local time on 13 April 2010.**
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1   Jeff Smith
2   Chair
3   Engineering Committee TR-50
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8   Victoria Mitchell
9   Secretary
10   Engineering Committee TR-50
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Annex-A: Action Items Recorded During the 12-13 April 2010 2010 TR-50 Meeting:

Action 2010/04-01
TR-50 will submit a written contribution to the TIA Secretariat noting its requirements/expectations of any online tools to assist the TIA in identifying and implementing the most appropriate tools.

Action 2010/04-02
TR-50 will submit TR50-20100412-004, Numbering Schemes for Wireless Devices, into the 12 April 2010 M2M numbering ad hoc teleconference.