<u>Approved by General Counsel</u>

TR-49 Meeting Report

Date: 05/10/10

Location: Teleconference

Approved: 05/21/10

TIA TR-49 Healthcare ICT Meeting
3:00 PM to 4:30 PM EDT, May 10, 2010
Chairperson: Shoshana Loeb, Telcordia

1.   Call to Order

The meeting was called to order at 3:07pm EDT.

2.   Attendance (call quorum*, introductions, roster)

The following were in attendance:

Company	Representative
Mary Foto	The Foto Group
Brian Gould	The Foto Group
Terry Jacobson	Alcatel-Lucent
Brian Daly	AT&T
Rustom Bhopty	B System Compliant
Shoshana Loeb	Telcordia
Peter Nurse	Sigmadelta
Russ Fischer	Telcordia
Walter Suarez	Kaiser Permanente

Others present:

Cheryl Blum	TIA
Patrick Sullivan	TIA
Henry Cuschieri	TIA

The Secretary (H. Cuschieri, TIA) conducted a quorum call and indicated that a quorum had been reached for this meeting.

3.   TIA Policy Notices - IPR

The Chair brought to the committee's attention the TIA Important Notice for Participation. This notice was read in its entirety. There were no questions.

Participants were made aware of TIA's Patent Policy and the desire for early disclosure of patents, the use of which may be essential to any standard or other document being developed for publication. There were no questions.

4.   Review and Approve Agenda

The draft agenda presented in contribution TR49-20100510-001r2 was reviewed. There were no questions. The draft agenda was approved.

5.   **Review and Approve Minutes from:**

November 3, 2009 meeting

The draft report of the November 3, 2009 meeting presented in contribution TR49-20100510-002 was presented for review. There were no questions. The meeting report was approved as presented.

March 15, 2010 meeting

The draft report of the March 15, 2010 meeting presented in contribution TR49-20100510-003 was presented for review. There were no questions. The meeting report was approved as presented.

6.   **TR42 Healthcare Facility Cabling Standard Report**

The Secretary presented the report of TR-42's Healthcare Facility Cabling Standard contained in contribution TR49-20100510-005, on behalf of Herb Congdon of Tyco, who was unable to make the meeting.

7.   **Technical contributions**
Consumer Privacy interfaces and protocols
- Presentation of Draft whitepaper for basis of TIA deliverable (TSB or standard)

Russ Fischer, Telcordia, presented contribution TR49-20100510-004 outlining a proposed project for managing consent directives over mobile networks. The contrbution was in line with the presentation made by Dr. Walter Suarez of Kaiser Permanente at the March 2010 meeting (files as TR49-20100315-003).

It was noted that the proposed work item makes use of mobile devices to transmit consent directives via SMS and other means. Experts from Alcatel-Lucent, Sigmadelta and AT&T were invited to comment. In the ensuing discussion, the following points were made:

- Healthcare applications require a high degree of reliability. SMS was not inherently designed to be reliable. It is a best-effort mechanism to deliver short messages. Networks that support SMS were never designed to provide the degree of reliability that would be required to support healthcare-related applications and services.

- Although vendors may be indicating that SMS is becoming more secure, it was noted that although clients may be building a layer of security on top of SMS to make sure that the transmission is private and that the message has not been altered, the networks the message travels over are inherently

constrained and payload size is limited. It remains difficult to guarantee that the message will go through appropriately.

- SMS is a 160-character payload. Any additional security features built-in will need to be accommodated within these size limitations, reducing the space available for the message itself.

- SMS cannot be "fixed". It is performing according to its original design. It was never designed to be a robust, error-free mechanism. Industry recently alerted the FCC that SMS would not be suitable as a nation-wide alert system for the same reasons mentioned in this discussion.

Given that industry may be moving in the direction of using SMS, a proposal was made for the committee to develop a TSB to raise the appropriate flag concerning the inappropriateness of the use of SMS for the applications described herein. The Chair sought comments and objections from the committee. No objection was noted.

Rustom Bhopty was tasked with leading the TSB development effort, and AT&T noted a contribution it had provided to TIA in the past noting the limitations of SMS, and recommended that this be used as a basis for the TSB.

8.   Process update – initiation of new project

It was noted that the committee will set about developing and producing two deliverables, as follows:

- TSB outlining the inappropriateness of SMS a vehicle for transmitting health consent directives.

- TSB (or standard) noting appropriate alternatives to SMS for transmitting health consent directives.

9.   Next steps

The Secretary will assist the committee members charged with heading up the projects noted herein with the tools required by TIA.

10.   Next meeting date and time

The next meeting of TR-49 will take place via teleconference at 3pm EDT on June 25, 2010.

11.   Adjournment

There being no further business, the meeting was adjourned at 4.10pm EDT. The meeting was conducted in accordance with the TIA Engineering Manual and Legal Guide.