

## MINUTES- tcon

### WORKING GROUP 14 Security

**Date and Time** Wednesday 20 March 2019  
 9.00 -10:00am\_US ET

**Presiding Officers** Rob Horn, Producer Co-Chair  
 Lawrence Tarbox, User Co-Chair

**DICOM Secretariat** Lisa Spellman, General Secretary, DICOM

Present	First Name	Last Name	Organization	Voting Status
	Jeff	Romatoski	Acuotech	Observer
	Jos	De Baerdemaeker	Agfa HealthCare	Observer
	Jos	Jennes	AGFA HealthCare	Observer
P	Bill	Jacqmein	Agfa HealthCare	Voting
	James	Philbin	American College of Radiology 4	Observer
	Robert	Godward	Apteryx, Inc.	Observer
	Tyler	Sutton	Apteryx, Inc.	Observer
	Patrick	Williams	Apteryx, Inc.	Observer
P	John	Moehrke	By Light Professional Services	Observer
	Kevin	O'Donnell	Canon Medical Research USA, Inc.	Observer
	Jia	Zheng	Center for Medical Device Standardization Administration, CFDA	Voting
	Elliot	Silver	Change Healthcare	Alt. Voting
	Roger	Trevisan	Change Healthcare	Voting
	David	Liu	DICOMSOFT CONSULTING LTD.	Observer
	Michael	Henderson	Eastern Informatics, Inc.	Observer
	Abhinav	Singh	Emids Technologies	Observer
	Sergio	Santoro	Eurisko	Observer
P	Robert	Horn	Fairhaven Technologies	Observer
P	Masao	Murata	FUJIFILM Corporation	Observer
	Hiroshi	Kanamori	GE Healthcare	Alt. Voting
	Jeff	Anders	GE Healthcare	Observer
	Karl-Heinz	Fleischer	GE Healthcare	Observer
	Steven	Nichols	GE Healthcare	Observer

	Jouke	Numan	GE Healthcare	Observer
	Francisco	Sureda	GE Healthcare	Observer
	Kjetil	Pedersen	GE Healthcare	
	Elliott	Lavy	Harris Computer Corporation	Observer
	Takuro	Ono	Hitachi Medical Corporation	Observer
	Arnaud	De Kelper	Hologic Inc.	Observer
	Jeff	Garrett	Hologic Inc.	Voting
	John	Giese	Innolitics, LLC	Observer
	Ravindran	Padmanabhan	Innowave Healthcare Pvt Ltd.	Observer
	Lutz	Vorwerk	Institut fur Telematik	Observer
	Charles	Parisot	InteropEhealth	Observer
	Jörg	Riesmeier	IT Consultant	Observer
	Gunter	Zeilinger	J4Care GmbH	Observer
P	Akihiro	Yomoda	JIRA	Voting
	Thomas	Guiot	Jules Bordet Institute	Observer
	Tetsuya	Iwata	Konica Minolta Corporation	Alt. Voting
	Hitoshi	Yoshimura	Konica Minolta Medical & Graphic, Inc.	Alt. Voting
P	Michael	Laconti	Konica Minolta Medical Imaging USA, Inc.	Voting
	Harry	Solomon	Laitek	Observer
	Douglas	Sluis	Laitek Inc.	Voting
	Bronson	Hokuf	Laurel Bridge Software, Inc.	Observer
	T. Roger	Keane	Laurel Bridge Software, Inc.	Observer
	Peyman	Najmabadi	Leica Biosystems Inc.	Observer
	Aaron	Stearrett	Leica Biosystems Inc.	Observer
	Zsolt	Hegy	Mediso Medical Imaging Systems	Observer
	Mark	Halliday	Medtronic, Inc.	Observer
P	Zack	Hornberger	MITA	Observer
	Luiza	Kowalczyk	MITA	Observer
P	Lisa	Spellman	MITA	Observer
	Peter	Weems	MITA	Observer
	Yueh-Hsun	Shih	National Yang Ming University	Observer
	Marco	Eichelberg	OFFIS - Institute for Information Technology	Voting
	Michael	Onken	Open Connections GmbH	Observer
P	Katsuya	Watanabe	PHC co.,Ltd	Voting
	Elisabeth	George	Philips	Alt. Voting
	Jeroen	Medema	Philips	Alt. Voting
	Joe	Luszcz	Philips	Observer
P	Nikhilesh	Sonar	Philips	Observer
	Ben	Kokx	Philips	Voting
	Vinayachandra	Aithala	Philips India	Observer
	David	Clunie	PixelMed Publishing	Voting
	Michael	Owens	RefleXion Medical	Observer
	Masuyoshi	Yachida	Ricoh Corporation	Observer
	Rex	Kerr	rk-logix, inc	Observer

P	Pim	Philippe	Rogan-Delft BV	Observer
	Angeline	Cosca	Sdmi	Observer
	Dezheng (Bruce)	Li (Lee)	Shanghai United Imaging Healthcare	Observer
	Andreas	Klingler	Siemens Healthcare GmbH	Alt. Voting
	Nikolaus	Wirsz	Siemens Healthcare GmbH	Observer
	Hans-Martin	von Stockhausen	Siemens Healthcare GmbH	Voting
	Mohammed	Aleem	Siemens Healthineers	Alt. Voting
	Stephen	Vastagh	Standards Management Company	Observer
	Corey	Cochran	Stryker Communications	Voting
P	Damien	Lerat	SuperSonic Imagine	Alt. Voting
	Keith	Knight	Toshiba Medical Visualisation Systems	Observer
P	Lawrence	Tarbox	University of Arkansas for Medical Sciences	Voting
	Nathan	Cross	University of Washington Medical Center	Observer
	Sebastian	Korber	VISUS Technology Transfer GmbH	Observer
	Jonathan	Whitby	Vital Images, Inc.	Observer
	Nicholas	Pons	VITEC Multimedia	Observer

## 1. Opening

- 1.1 Open the meeting and roll call.
- 1.2 Review of antitrust and patent rule.
- 1.3 Agenda approval with minor edit, added “Announcement” section, now is #2.
- 1.4 Minutes from 20 February 2019 were approved with no edits.

## 2. Announcements

- 2.1 MDS2 re-ballot: A question was asked if WG-14 members had any comments about the new ballot - RFC 8520 MUD -- looks similar to MDS2 <https://www.ietf.org/blog/mud/>. There were no comments, but requested to put on April agenda for discussion.
- 2.2 Lawrence invited to speak at AAPM
- 2.3 Lawrence speaking at SIIM 2019 about ACME work.

We have an 8+2 minute presentation slot on using ACME in DICOM at SIIM 2019, slated for their Business Intelligence/Enterprise Imaging/New Technology session on Thursday, June 27 from 4:15 pm to 5:15 pm.

## 3. Member survey reminder (Lisa)

- Lisa showed a member survey for WG-14. We ask members to please complete the survey – we need your feedback to help identify topics and activities of interest to WG-14 members. It is quick – just three questions with plenty of space for comments.

Link to survey: <https://www.surveymonkey.com/r/9DF2Q8K>

4. **Sup/209, Updating DICOM Conformance Template:** Rob and Lawrence attended the WG31 tcon on 21 January for a review of proposed edits and open questions on the current working Sup/209 document.
- Found dated and missing content in the document.
  - Specific request for assistance from Sup/209 includes the following:
    - ~~CP on section G.1 Basic Time Synchronization Profile:~~ This is done, thank you.
    - **CP on section F.1 Basic Network Address Management Profile**, specifically to clean section F.1.8 Conformance and maybe section F.1.5
      - **Zack Hornberger (MITA) volunteered to work on this section (Thank you, Zack).**
    - **CP on section H.2 DNS Service Discovery** to finish the section
      - **Bill Jacqmein (Agfa) volunteered to take a stab at this section (Thank you, Bill)**
    - **Finally, on Sup/209, section 8.6 Expected Process activity**, we decided that WG 14 should provide a paragraph about what should be seen in the document.
      - **Rob and Lawrence will work on section 8.6 (Thank you, Rob and Lawrence)**
      - Additionally, Rob has agreed to meet with the Sup/209 Task Group on Mon 1 April to discuss printing and security. **(Thanks Rob)**

**<Action/Next Steps>**

- **Zack and Bill:** Thank you very much for volunteering. We didn't discuss the deadline, but it would make sense to try to complete before the next WG-14 meeting so that we can have time to review and discuss on the 17 April tcon, so if you can please return your draft by **Mon 15 April EOD**, that would give Rob and Lawrence a chance to review prior to the next WG-17 call on Wed 17 April.

5. **White paper based on NSA Manageable Network Plan as a joint project with MITA**

- NSA created a high level project plan. We propose to add details about how to use DICOM and MDS2 to help fill in the gaps. MITA will help to produce and promote.
- Target audience: Hospital CISOs
- Link to draft: See Rob Horn draft in today's meeting folder.
- Link to NSA site: <https://apps.nsa.gov/iaarchive/search.cfm?criteria=manageable+network+plan>

**<Action/Next Steps>**

- Zack will take to MITA MII and Cyber committee to seek volunteers from a PACs perspective
- Bill Jacqmein will start a reply based on today's discussion for review on the April tcon
- **Thank you, Zack and Bill to help get this moving forward**
- **WG-14 members:** We welcome your contributions. Each of you has experience, so based on your expertise and perspectives, please propose some text for where and how DICOM or MDS2 (or both) can help and we'll discuss on the next call.

6. **Use of ACME certificates at Connectathons, IHE ITI profile proposal**

- A proposal was sent to Eric Poiseau, Technical Manager, European Connectathon and Steve Moore, Technical manager, NA Connectathon. Steve and John Moehrke requested more info and pushed back a bit. They would like to better understand the need and value. Secure communications have not taken off (1) users don't know to ask for it (2) Vendors not pushing it
- There was a discussion on January's call regarding ACME Certificates and other methods.

**Action/Next steps:**

- Rob and Lawrence will do a bit more thinking and put together additional documentation.
- They might also draft a white paper. Continue discussion later in 2019.

**7. Possible response to Rik Primo article “Cybersecurity in Medical Imaging-NovDec-2018.p29-32”**

- Security is a site problem that involves policies and procedures and discussed MDS2, it didn't mention DICOM or HL7 FHIR or IEEE11073 or TLS or TCP.
- It was suggested that DICOM WG14 could submit a response or article with the focus: For some of the issues, DICOM solves these 1, 2, 3...

**Action/Next steps:**

- Did not have time to address today. Discuss in April or May.

**8. Agenda planning discussion:** What would members like to cover the on the coming calls?

- Was not covered today

**9. New Business**

- No new business was presented.

**10. Old Business**

- No old business was presented.

**11. Next Meetings – tcons (3<sup>rd</sup> Wed each month, 9-10amUS\_ET)**

**Wed 17 April 2019**

<https://global.gotomeeting.com/join/607509565>

**Wed 15 May 2019**

<https://global.gotomeeting.com/join/118956565>

**Wed 16 June 2019**

<https://global.gotomeeting.com/join/895299237>

**12. Next Meetings - F2F**

- None scheduled at this time.

**13. Adjournment**

The call adjourned at 10am US EDT. Report prepared by Lisa Spellman, DICOM general secretary.

Report reviewed by MITA/NEMA legal counsel: CRS, April 17, 2019.