



DICOM Secretariat/MITA
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Minutes

MEETING NAME: WG-14 Regular meeting
MEETING PLACE:
DATE & TIME: Tuesday, April 27, 2021, 9:00 AM - 10:00 AM EDT
PRESIDING OFFICERS: Lawrence Tarbox, CHAIR, AAPM/Univ. of Arkansas for Medical Sciences; Rob Horn, CHAIR, Fairhaven Technologies

VOTING MEMBERS PRESENT

AAPM/Univ. of Arkansas for Medical Sciences: Tarbox, Lawrence; Agfa HealthCare Inc.: Jacqmein, Bill; Fairhaven Technologies: Horn, Robert; JIRA: Yomoda, Akihiro; Medical Image Standards Association of Taiwan: Lien, Chung-Yueh; Siemens Healthcare GmbH: von Stockhausen, Hans-Martin

VOTING MEMBERS ABSENT

American College of Radiology: Jordan, Matt*; Canon Medical Systems USA, Inc.: Nitsche, Scott*; Center for Medical Device; Standardization Administration,CFDA: Zheng, Jia*

GE Healthcare	Hillyer, Matthew*
Hologic Inc.	Garrett, Jeff*
Konica Minolta Healthcare Americas, Inc.	Laconti, Michael*
Laitek Inc.	Sluis, Douglas*
OFFIS - Institute for Information Technology	Eichelberg, Marco*
PHC co.,Ltd	Watanabe, Katsuya
Philips	Kokx, Ben
PixelMed Publishing	Clunie, David
RPS	Strassner, Brett
Stryker Communications	Cochran, Corey*

OTHERS PRESENT

GE Healthcare	Nichols, Steven	Observer
MITA	Hornberger, Zack	Observer
Philips	Sonar, Nikhilesh	Observer
FUJIFILM Corporation	Murata, Masao	Observer

DICOM SECRETARIAT

Carolyn Hull, MITA
Zack Hornberger, MITA

1 CALL TO ORDER AND REVIEW OF ANTI-TRUST RULES AND DICOM PATENT POLICY

The meeting was called to order. Staff reminded members of the [Guidelines for Conducting NEMA Meetings](#) and Patent Disclosure Policy that are found here: <https://www.dicomstandard.org/patent>.

2 WELCOME/ATTENDANCE/INTRODUCTION

The attendance was taken.

3 REVIEW AND APPROVE AGENDA

The agenda was reviewed and approved.

4 REVIEW MINUTES

A quorum was present, and the minutes of the previous meeting-Feb 23, 2021 and March 23, 2021 were reviewed and approved.

5. Hot issues that have come up since the last WG-14 tcon (all)

- Overview of DICOM/HL7 Gender Harmony activities- On the privacy side, gender harmony ISO, HL7, NCPDP, ONC have all been participating. The project passed the ballot with over 200 comments. Almost all were approved with comments. The project will have additional privacy attributes. As it moves into DICOM, it will be a logical model that can be shared with organizations. After, it will go through FHIR, DICOM, B2 and then can map to various protocols. Then, the group will decide what to do with privacy and security. We have to enable information for profiles in order to allow hospital It will separate sex and gender and includes options for naming. It contains “sex for clinical use.”

More information may be found here:

<https://confluence.hl7.org/display/VOC/The+Gender+Harmony+Project>

6. **Update to WG-14 description** – Reviewed this for DSC report and will add the items below to the report.

Action: Add to environment: In current CPs- come from WG-14 itself, not this. (complete)

Cyber has become a hot issue politically and regulatorily.

Discussion of IT v. OT.

7. **Digital signatures profile to incorporate SHA-3-** There is currently no profile for SHA-3. If anyone wants one, please let Rob know. SHA 3 is in the tables for existing.

This is currently mentioned but does not have a separate profile. Remove for next meeting.

8. **SIIM/Educational update-** Discussion of WG-29 in terms of producing a video. Describe an action item we could prepare for in the next call.

Action: Volunteers to put together concrete proposals. Ideally would be brief for someone to listen to. Could be video and audio both to listen to work. Topics could be broken down into 15 minutes. We could use the topics in the table below.

Here is how to set up an internal certificate authority.

9. **MITA Update: Collaborative white papers (review Carolyn Hull proposal to add them under the Security page)** Review papers.

- a. **Whitepapers:** Review options for website.

Development of shelf-ready content-

This project still holds a high priority as it’s important for DICOM & MITA to have these resources.

- Concept description:
- Develop a series of short documents – stories – around 700 words that can be posted on DICOM website as FAQ-type info and able to send to have these short pieces at the immediate ready when some issue blows up and media and others request written feedback with an ASAP timeline.
- **Audience:** These are not meant to be technical engineering papers. These are something a product manager or a regulator would read. ~700 words is about the length of an opinion piece, be able to give to media and use in an FAQ.

Topic / Title	Content to be included	Lead
<i>“Why doesn’t DICOM mandate security”</i>	<ul style="list-style-type: none"> - Possible content: DICOM is not a regulatory body - Not always the best fit solution for a particular organization 	Rob
<i>“How can I tell if my system is exposed?”</i>	<ul style="list-style-type: none"> - We describe how to do it. 	Hans v on tcon 2019-12-17
<i>“How to turn on encryption and why”</i>	<ul style="list-style-type: none"> - Different for modalities and PACs 	Hans v on tcon 2019-12-17
<i>“How an administrator could use SHODAN to find leaks”</i>	<ul style="list-style-type: none"> - “You’ve heard about all of those exposed DICOM ports, you can find out if any of yours are exposed at your institution. Enter info into Shodan & it will tell you the open ports and IP addresses...” - Can be tricky if have dynamic IPs and such, but at least give them guidance 	Can add these to the DICOM website when complete and discuss with SIIM.
<i>“Hey administrator, have you looked at X / have you considered...?”</i>	<ul style="list-style-type: none"> - DICOM is not responsible for the deployment. We don’t want to come across as defensive, rather, explain what the reader can do 	
<i>“What to put in an RFP”.</i>	<ul style="list-style-type: none"> - Ensure content doesn’t stray into anti-trust territory. We think we can include content that is general, but helpful. - Maybe just include hyperlinks to sections? Call out the preamble, gives the mindset, intent – this could turn into a nice short piece 	
<i>One-Pager Checklist</i>	<ul style="list-style-type: none"> - Audience: For administrators, including PACS and CISOs. 	

	<ul style="list-style-type: none"> - Include a short, focused list, a one pager/check-list for PACS Admins and only coming from the DICOM side (noting which may be DICOM-only and which may need to be DICOM-MITA jointly developed) - The content and goal are to aim end users at NSA Manageable Network paper - Example: The real basics, Step 1: the real danger is connected to your network, many do not realize that they have holes, know your use case - Status: The WG started a draft on the call (2019-12-17). 	
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5 Profile/standardizing a user authentication scheme, re: 2FA.

6 NSA Manageable Network paper

- **Action item:** Add in a section to the same white paper talking about NSA. A new document web security considerations. Then, if people want to do DICOM 2.0, can go further. Add to table. Will be looking for a volunteer.
- This has been discussed on several past calls. The proposal is for WG-14, jointly with MITA, to create a white paper based on NSA Manageable Network Plan. NSA created a high-level project plan. 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: Rob Horn started a rough draft, is in Meeting Folder for 15 May 2019 (Note: DICOM does not list link to meeting folders in the Minutes).
- Link to NSA site:
<https://apps.nsa.gov/iaarchive/search.cfm?criteria=manageable+network+plan>
- **Status update:**

7 New business- DCP 195- Basic security. Some updates are needed on this: TLS. Add to RFC. **Action:** Lawrence Tarbox to update.

8 DATE AND TIME OF NEXT MEETINGS

The next face to face meeting and any teleconferences of the committees can be proposed.

Tuesday, May 25, 2021, 9:00AM ET

12. ADJOURN-

<u>NEMALINK CODE</u>	09-wg14
<u>SUBMITTED BY</u>	Hull, Carolyn
<u>SUBMITTED ON</u>	6/14/21
<u>LEGAL REVIEW</u>	6/21/21
<u>UPLOAD LOCATION</u>	Enter upload location.