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DICOM Secretariat/MITA

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Minutes

MEETING NAME WG-14

MEETING PLACE GTM

DATE & TIME Tuesday, September 28, 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
GE Healthcare	Hillyer, Matthew
JIRA	Yomoda, Akihiro
Medical Image Standards Association of Taiwan	Lien, Chung-Yueh
Siemens Healthcare GmbH	von Stockhausen, Hans-Martin
Konica Minolta Healthcare Americas, Inc.	Laconti, Michael
RPS	Strassner, Brett

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*
Hologic Inc.	Garrett, Jeff*
OFFIS - Institute for Information	

	Technology	Eichelberg, Marco*
	PHC co.,Ltd	Watanabe, Katsuya*
	Philips	Kokx, Ben*
	PixelMed Publishing	Clunie, David*
	Stryker Communications	Cochran, Corey

OTHERS PRESENT	By Light Professional Services	Moehrke, John	Observer
	GE Healthcare	Nichols, Steven	Alt-Voting
	Philips	Sonar, Nikhilesh	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 (5 minutes for 1 &2 -end 9:05)

The attendance was taken.

3 REVIEW AND APPROVE AGENDA (5 minutes-end 9:10)

The agenda was reviewed and approved.

4 REVIEW MINUTES (10 minutes-end 9:20)

The minutes of the previous meeting to be reviewed and approved.

5. **CP 2163-** (Steve Nichols)-This aim of this CP is to add local client copy buffer to CID 405. Can do another CP to update certain items in Part 17-Gazelle Validator. This CP updates the definition based on some of the given definitions. Steve Nichols to update the copy buffer example to make it a data export.

   Reference: https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/tasklist

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

   a. **US FDA** is pushing fuzzing. Idea: there was some work done in the past- https://github.com/r1b/dicom-fuzz. Google is working on this: https://github.com/google/oss-fuzz. Thought that the device needs to handle some erroneous data without crashing or giving someone access to the system

7. **Cyber update on website-review-** Review of this item. One member requested to add in CVE code. In the longer link, include using this for this purpose.

Action for members: Think about what is missing on the website.

***should bring up the topic to WG-**23- not a vulnerability in DICOM but it is a security issue.

https://betterprogramming.pub/pickling-machine-learning-models-aeb474bc2d78

https://medium.com/poka-techblog/rotten-pickles-a-quick-introduction-to-offensive-serialization-techniques-83fd4dd36edb

8. **BCP 195-** (5 minutes)- Lawrence Tarbox to make an update and send out during the week. Second week of November.
9. **SIIM/Educational update-** (5 minutes)- Will be giving an update on WG-14's meeting. WG-14 section of the strategy document.
10. **Collaborative white papers**-Would be happy to collaborate with us. Discuss w/ strategy committee.

https://www.blackhillsinfosec.com/projects/backdoorsandbreaches/

https://adam.shostack.org/games.html

https://gist.github.com/thirdbyte/82f9bb8c09023d98ae63ac9c1eaf284f

Development of shelf-ready content-

- 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**
"Why doesn't DICOM mandate security"	- Possible content: DICOM is not a regulatory body - Not always the best fit solution for a particular organization	Rob

"How can I tell if my system is exposed?"	- We describe how to do it.	Hans v on tcon 2019-12-17
"*How to turn on encryption and why"*	- Different for modalities and PACs	Hans v on tcon 2019-12-17
"How an administrator could use SHODAN to find leaks"	- "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.**
"Hey administrator, have you looked at X / have you considered…?"	- DICOM is not responsible for the deployment. We don't want to come across as defensive, rather, explain what the reader can do	
"What to put in an RFP".	- 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	
One-Pager Checklist	- Audience: For administrators, including PACS and CISOs. - 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).	

5 Profile/standardizing a user authentication scheme, re: 2FA.

6 NSA Manageable Network paper

- **Status update:**

7. New business:

DICOM Security-mobile

8. DATE AND TIME OF NEXT MEETINGS

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

Tuesday, October 26, 2021, 9:00AM ET

9. **ADJOURN- 9:58AM US ET**

NEMALINK CODE	09-wg14
SUBMITTED BY	Hull, Carolyn
SUBMITTED ON	12/16/21
LEGAL REVIEW	12/20/21
UPLOAD LOCATION	Enter upload location.