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MINUTES

DICOM WG-23: Artificial Intelligence / Application Hosting

Date and Time: April 9, 2024 | 11 am-12pm US Eastern

Presiding Officers: Gianluca Paladini, Industry Co-Chair
Lawrence Tarbox, User Co-Chair

DICOM Secretariat: Eileen Cucinotta, NEMA/MITA

Voting Members Present:

AAPM/Univ. of Arkansas for Medical Sciences
ACR
NEMA/MITA
GE Healthcare
Sectra
Siemens Healthineers

Represented by:

Lawrence Tarbox
Brian Bialecki
Eileen Cucinotta
Steve Nichols
Daniel Forsberg
Gianluca Paladini

Voting Members Not Present:

*Argentix
*Canon
*DesAcc EMEA
*NVIDIA
*PixelMed
*Philips
*VISUS

Represented by:

Elliot Silver
Kevin O'Donnell
Hugh Lyshkow
Brad Genereaux
David Clunie
Jeroen Medema
Marc Kämmerer

*Not present at two consecutive meetings and therefore not counted for quorum during this tcon

Others (Observers & Alt-voting) Present:

Association Mexicana de Radioproteccion
NEMA/MITA
Svasthiya

Represented by:

Gamal Akabani
Shayna Knazik
Kousik Ramasubramaniam

1. Opening

- 1.1. Welcome and roll call: the teleconference was called to order and a quorum was present.
- 1.2. DICOM Antitrust and patent rules were reviewed.
- 1.3. The agenda was reviewed and approved.
- 1.4. The minutes from September 26, 2023 were reviewed and approved.

2. Supplement 224: Service Discovery and Control (Brian Bialecki)

2.1. Brian Bialecki reminded the group of the status of Sup224, which got watered down/shifted out of scope by WG-06. The group discussed whether they should deal with a general orchestration as IHE had proposed or align it with the mandate of WG-23 and make it more AI-focused. The group will continue to discuss whether Supplement 224 should be cancelled or reworked on the next teleconference.

2.2. Links discussed:

- https://www.ihe.net/uploadedFiles/Documents/Radiology/IHE_RAD_Suppl_AIW-1.pdf
- <https://www.acrdsi.org/-/media/DSI/Files/ACR-DSI-Model-API.pdf>
- <https://github.com/acr-dsi/model-api-docs>
- <https://monai.io/monai-deploy-informatics-gateway/api/rest/inference.html>

3. Old/New Business:

3.1. None at this time

4. Next meetings – tcons:

4.1. WG-23 holds monthly teleconferences on the second Tuesday of every month from 11am-12pm US Eastern, unless indicated otherwise. The next call will take place on May 7, 2024.

5. Adjournment

5.1. The call was adjourned at 11:56am US Eastern.