

MINUTES

DICOM WG 23: Artificial Intelligence / Application Hosting

Date and Time: 11 August 2020 | 11:00am – 12:00pm US ET

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

DICOM Secretariat: Shayna Knazik, DICOM/MITA

Voting Members Present:

AAPM/Univ. of Arkansas for Medical Sciences	Lawrence Tarbox
ACR/Northwestern Memorial Hospital	Brian Bialecki
Canon	Kevin O'Donnell
DICOM/MITA	Shayna Knazik
GE Healthcare	Chris Lindop
Medical Image Standards Association of Taiwan	Chung-Yueh Lien
Siemens Medical Solutions USA	Gianluca Paladini

Voting Members Not Present:

*ACR	James Philbin
*ACR	Steve Horii
*Argentix	Elliot Silver
*Carl Zeiss Meditec	AG Regis Deshayes
*DaPict	Steve Lord
*DesAcc EMEA	Graham King
*Hitachi Healthcare Americas	Ravi Managuli
*Laitek	Doug Sluis
NCI/NIH	Keyvan Farahani
NVIDIA	Brad Genereux
*Philips	Jeroen Medema
*PixelMed	David Clunie
Sectra	Daniel Forsberg
VISUS	Marc Kämmerer

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

Others (Observers, Alt-voting, staff) Present:

Laitek Inc.	Ioana Bandre, Observer
Leica Biosystems	Ian Gabriel, Observer
MITA/NEMA	Zack Hornberger, Observer

1. Opening

- 1.1. Welcome and roll call: the teleconference was called to order and a quorum was present.
- 1.2. Antitrust and patent rules: NEMA Antitrust and DICOM patent statement were reviewed.
- 1.3. Agenda review and approval: the agenda was reviewed and approved.
- 1.4. Review and approval of minutes from 2020-08-04: the minutes were reviewed and approved.

2. AI Service Discovery and Control Ad Hoc Group:

- 2.1. Brian provided an update that the New Work Item Proposal (NWIP) was submitted and will be discussed at the August 21st DICOM Standard Committee (DSC) meeting. Brian will present it to the DSC and noted that he plans to show the whitepaper in its current form as well.
- 2.2. Brian asked if and where the whitepaper can be published, or if it should remain in draft state somewhere on the DICOM website. Larry clarified that whitepapers have been posted on the DICOM website in the past, but usually the draft paper morphs into a Supplement which is the more formal route of publication.
- 2.3. After presentation to the DSC, the next step for this item would be to discuss the transformation of the NWIP and whitepaper into a Supplement on the next WG-23 call.
Action: Shayna to add this item to the Aug. 25th agenda.

3. Supplement 219 Simplified SR in JSON: preparation for WG-20, 23 ,& 27 joint call on the August 19th from 1:00-2:30pm US ET

- 3.1. Larry provided an overview of the topic and asked the group for their suggestions on a concrete proposal that WG-23 can bring to the other two Working Groups on the joint call. One of the topics is whether the simplified JSON SR format could be a format utilized by DICOMweb™ for storing and retrieving structured reports. Some feel that such a service could help speed up adoption of the simplified JSON format if there were defined RESTful transactions for moving about these JSON-formatted objects.
- 3.2. Part of the joint call discussion might include whether or not the business names portion should or could be retrieved separately, either for transfer efficiency, or perhaps for standardized sets of business names that certain entities might use. Some also suggested that the simplified JSON representation might be useful in FHIR when the topic of moving these JSON representations came about.
Action: the group was asked to send any additional comments on this topic to the WG listserv or directly to Larry, particularly if unable to make the joint call.
- 3.3. Kevin O'Donnell mentioned that it would be helpful to include David Clunie, Sup219 author, at this point.
Action: Larry to invite David Clunie to the joint call.

4. Old or New Business

- 4.1. [DICOM Pt. 19](#): The NWIP included a review of Part 19. The group plans to deprecate portions if needed.

5. Next meetings – tcons:

Every other Tuesday, usually 11am – 12pm US ET, unless schedule conflicts

August 19th @ 1:00-2:30pm US ET - WG-20, WG-23, & WG-27 joint teleconference

August 25th @ 11:00am-12:00pm US ET

September 8th @ 11:00am-12:00pm US ET

Action: Shayna to schedule Sept. 8th call

Next meetings – F2F: None scheduled at this time.

FYI: Schedule of other relevant DICOM meetings

- *DICOM Standard Committee (DSC)*
 - *August 21st @ 9:00am-1:00pm US ET*
- *WG-06 Base Standard*
 - *August 31-September 4 @ 9am-6pm US ET*

6. Adjournment: the call was adjourned at 11:51am US ET.

Prepared and submitted by Shayna Knazik, 8/25/2020

Reviewed by Counsel Peter Tolsdorf, 8/28/2020