Minutes

MEETING NAME  WG33: WG-33 Data Archive and Management Tcon

MEETING PLACE/DIAL IN  https://zoom.us/j/461690135
Meeting ID: 461 690 135

One tap mobile
+19294362866,,461690135# US (New York)
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Find your local number: https://zoom.us/u/afwbTmWqx

DATE & TIME  Wednesday, March 4, 2020 | 11:00 am – 12:00 pm US ET

PRESIDING OFFICERS  Matthew Bishop, UnityPoint Health
Keith Eklund, Healthcare Tech Solutions

VOTING MEMBERS PRESENT  GE Healthcare
Steven Nichols
Jouke Numan
Pantelis Georgiadis
Keith Eklund
Fred Behlen
Harry Solomon
Barry Brown
Alexey Ulanov
Kenneth Persons
David Clunie
Kyle Henson
Matthew Bishop
Varian Medical Systems, Inc.  Thomas Schwere  
Vital Images, Inc.  Jonathan Whitby  
Vital Images, Inc.  Tim Dawson  

OTHERS PRESENT  
Ambra Health  Daniel Ostrow  
DeJarnette Research Systems  Steve Wineke  
DesAcc EMEA Ltd  Graham King  
Hyland Software Inc  Mike Ullrich  
London Health Science Centre  Luiz Aizawa  
Mayo Clinic  Brian Willaert  
Mega Informatica Ltd  Jacques Fauquex  
Ochsner Health System  Matt Hayes  

VOTING MEMBERS  
AAPM  Shayna Knazik  
ABSENT  
AAPM  Nicholas Bevins  
Argentix Informatics  Elliot Silver  
European Society of Radiology (ESR)  Peter Mildenberger  
Laitek Inc.  Doug Sluis  
vICTor Works  Victor Derks  

DICOM  
SECRETARIAT  Anna Zawacki, SIIM  

1  CALL TO ORDER AND REVIEW OF ANTI-TRUST RULES AND DICOM  
PATENT POLICY  
(Anna)  
1.1  The meeting was called to order.  
1.2  Secretariat reviewed the antitrust policy according to NEMA Standards.  
1.3  Mr. Solomon reviewed the patent policy.  

2  WELCOME/ATTENDANCE/INTRODUCTION  
(Anna)  
Attendance was taken.  

3  REVIEW AND APPROVE AGENDA  
(Anna)  
Agenda was reviewed and approved with no objections from the group.
4 REVIEW MINUTES (Anna)
The minutes form the Jan 21 meeting were reviewed and approved without objections.

5 TOPIC ITEMS TO BE DISCUSSED

5.1 Why we are Meeting (Matt/Keith)
The scope of the Work Group shall be the interoperability of systems that archive and manage DICOM data. The focus is on the management and interoperability of the archive data set as a whole, rather than interoperability of the data for individual studies or patients. The initial charge to the WG is to determine appropriate modifications to the DICOM Standard to better support “PACS migrations”, and to propose a corresponding Work Item to the DSC.

5.2 DICOM Structure/Process (Harry)
Mr. Solomon reviewed DICOM Structure/Process. He discussed the continuous maintenance process, supplements for major changes and change proposals for minor corrections. He also shared a flow chart of how the DICOM Supplement Process – through Public Comment – works. More information can be found at: ftp://d9-workgrps@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG33/2020/2020-03-04/SupplementProcess.pptx

5.3 PACS Migration Use Case

- Presentation – Laitek white paper (Harry)
  Mr. Solomon presented the white paper that was the basis of forming this WG. ftp://d9-workgrps@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG33/2020/2020-03-04/EnhancedDICOMDIR%2BSharedFileSets.pptx
  Due to time limit, Mr. Solomon will finish presenting this white paper on the next call, March 18 at 11 am ET.

- Discussion
  - Don’t move the Data – it’s a sub-case of the use case at hand – PACS Migration, in many cases you need to move the data for instance from prem to cloud
  - 2 possible use cases: 1) stay with the same PACS vendor but move the storage; 2) change the PACS vendor and move the storage
  - decoupling the need to have storage lifecycle be the same as your PACS lifecycle has value; storage lifecycle exists, at some point moving data will be necessary
  - data store requires a technology cycle refresh
- need to maintain cognizance of association with business continuity and disaster recovery plan
- elephant in the room is the metadata – whether is fresh in the bulk data that is stored or if you need a separate index and what the interface to that index is, how interoperable and migratable it is
- separation of apps & data; it’s the healthcare org’s data not the PACS vendor data
- file system vs object store vs cloud
- boundary between storage of raw data and servers; various storage systems have different special features and part of developing this standard will be to avoid special features that would lock you into a particular system
- to summarize: there is a file format, it has a header and there is a directory
- something to not forget about is – inside a VNA or PACS, whether you have a proprietary viewer or not, files are stored in DICOM par 10 file format, but they are not necessarily a good DICOM par10 file format, many may not have a transfer syntax that’s the one you want to use for your next system
- data is what’s important, it will live in different homes throughout its life
- we should also not forget about the matter of security in the past and moving forward

5.4 Possible Technical Approaches (as time permits)

- Presentation – Laitek (Harry)
- Discussion

Due to time limit, the group was not able to discuss this agenda item. It will be discussed on the next call, March 18 at 11 am ET.

6 OLD BUSINESS

7 NEW BUSINESS

8 DATE AND TIME OF NEXT MEETINGS (Anna)

- T-con meetings every 2 weeks at first until SIIM Annual Meeting (June 24-26, 2020); then possibly change to monthly

The group has decided to extend the calls to 90 min for the next couple of months until we meet on site at #SIIM20. The motion has been made and approved by the group. Starting with the next call, March 18 – our bi-weekly calls will be 90-minute calls.

- Next call is March 18, 2020
- In-person meeting at #SIIM20 – Tuesday, June 23 | 2-6 pm CT
NEMALINK CODE 09-WG33
SUBMITTED BY Anna Zawacki, reviewed by Hull, Carolyn
SUBMITTED ON 3/16/20
LEGAL APPROVAL CRS, March 17, 2020.
UPLOAD LOCATION Enter upload location.