Minutes

MEETING NAME
WG-10 Meeting

MEETING PLACE/DIAL IN

DATE & TIME
Thursday, September 17, 2020, 1:00 PM - 2:00 PM EDT

PRESIDING OFFICERS
Canon Kevin O’Donnell, Chair
Mayo Clinic Ken Persons, Chair

VOTING MEMBERS
Click here to enter text.
PRESENT
AAPM Lawrence Tarbox
Argentix Elliott Silver
Canon Medical Research USA Kevin O’Donnell
GE Healthcare Steve Nichols
Mayo Clinic Fon Ngokkham
Mayo Clinic Kenneth Persons
NVIDIA Brad Genereaux
Retired General Secretary Stephen Vastagh
Siemens Healthineers Andreas Klinger

VOTING MEMBERS
ACR Charles Kahn
ACR James Philbin
American Dental Association Gregory Zeller
JIRA Akihiro Yomoda
Laitek Fred Behlen
Mayo Clinic Ken Persons
NVIDIA Brad Genereaux
Philips Jeroen Medema
Siemens Healthineers Andreas Klinger
SIIM Cheryl Carey
VISUS Marc Kaemmerer
Zeiss Régis Deshayes

OTHERS
Fairhaven Technologies Rob Horn, Alt-Voting
Siemens Healthineers Bjorn Nolte, Alt-Voting
1. CALL TO ORDER AND REVIEW OF ANTI-TRUST RULES AND DICOM PATENT POLICY

The meeting was called to order. Staff reviewed the Guidelines for Conducting NEMA Meetings and recorded attendance.

2. WELCOME/ATTENDANCE/INTRODUCTION

The attendance was taken.

3. REVIEW AND APPROVE AGENDA

The agenda was approved with additional topics.

4. REVIEW AND APPROVE PREVIOUS MINUTES

The minutes were approved.

5. SAFE IDENTITY-DICOM POTENTIAL COLLABORATION (Lawrence Tarbox)-Presentation-SAFE: focuses on making sure they are following protocol for certificate.

Healthcare delivery org or AI- provides a safe trust anchor. Knows md manu are safe, but also they know that you are safe. In the safe world, clients get a certification too. Healthcare delivery org are using devices created by manufacturers. Some of the options they use imbed a cert they got from SAFE that is embedded in the product. Part of the service contract with the (mf?) to update when it expires.

Other place-digital certificate- can generate certificates that would be trusted by a wide variety of people. Don't have to exchange with every manufacturer. One anchor from SAFE (audited, said trustworthy). Automatically trusted then.
**Is what we have in certificates good enough? Q: What change to the DICOM Standard do we need? A: DICOM could have a safe profile. Also, half MITA.**

Could have attributes the way SAFE has them. Post-name(?), certificate pinning. Could say have it like SAFE. Proposal to say what it could look like (looking like the SAFE).

Good on the business side, different vendors use different certificate management is hard. (that could be more business side).

See if AdvaMed/MDMA has been involved in this.

**Conclusion:** WG-14 may put together a proposal to add to SAFE profile to Part 15. Engage MITA on this-meeting with the Cyber Cmte—Larry to present/pitch this? Kyle to make pitch. IHE

Writeup: note that not a certificate issuer. One other problem, how to manage them? Would be helpful to get insight on how this part works. Installing and updating certificate.

Check with AdvaMed, etc.

6. **SECRETARIAT/MITA UPDATE: ATLASSAN TOOLS (JIRA/CONFLUENCE)** We now have Confluence and will begin using this for minutes for WG-29 as a pilot in mid-October.

7. **FHIR- what is the relationship between FHIR artifacts and DICOM artifacts (think about this)-Kevin.**

8. **IRB question: Does DICOM have this?** Baylor College of Medicine-joined an IRB. People are beginning to start what DICOM is. Resulting imaging is left to radiologist. How do they know? How does patient know that the image is from the same device, or same thing? Is there an IRB section with any of the working groups that talks about how the person collecting the information can explain what the benefits are? Questions on image quality. One exam shows one thing, one shows another one.

Boils down-how were images transported, etc. (compression?) How reliable? DICOM is the truck to move this around. Ask about the integrity on DICOM instances—are there mechanisms within DICOM to tamper-proof data? Are there ways to check that certain info has been provided? Comes down more to vendor implementations.

**Action:** Add to WG-29 Nov meeting: Veracity of standard, and writeup. Make this available for people having this discuss. Focused on rural recipients. Paul Sovelius may join as well.
9. OLD BUSINESS-NEW BUSINESS

10. NEXT MEETING:

   Setting up for November when hear back from Kevin.

11. ADJOURN

2:00PM ET

Reviewed by Counsel Peter Tolsdorf on 12/3/2020