

DoD/NIST/Industry 3Di PDF TDP Workshop

NIST HQ, Heritage Room, Building 101

Gaithersburg, MD

DATE: 30-31 January 2018

Traditionally, 2D engineering drawings have been the core of technical data packages as defined by MIL-STD-31000 and the ASME Y14 series of standards. DOD is releasing a new revision to MIL-STD-31000 Technical Data Packages, which will include 3D Intelligent (3Di) pdf technical data as a better, more capable option than 2D drawings. This is part of an overarching effort by DOD to transform to a modern technical data infrastructure based on 3Di pdf models. This workshop is a joint effort by DOD/NIST and Industry to discuss and advance this initiative.

AGENDA

30 January 2018

0830-0845 Administrative Remarks

0845-0900 NIST Welcome (Allison Barnard-Feeney)

0900-0915 Overview (Jeff Windham ARMY-ARDEC)

0915-0945 MIL-STD-31000 Update (Jeff Windham ARMY-ARDEC)

0945-1015 Army ARDEC 3Di pdf Status (John Kreider/Lynn Smith ARDEC)

1015-1045 Break

1045-1115 Air Force Warner Robins 3Di pdf Status (Chad Berdon/Mark McMullan)

1115-1145 Navy Lakehurst 3Di pdf Status (Erik Kline)

1145-1300 Lunch (on your own)

1300-1330 DLA 3D Technical Data in Procurement Project (Tom Parks/Dick Tiano)

1330-1400 X3D Graphics Std for 3D Printing, Scanning, Visualization/Collaboration
(Don Brutzman, NAVFAC HQ, Asset Management)

1400-1430 Model Management in a PDM/PLM Environment (Marc Lind, ARAS)

1430-1500 Break

1500-1530 How a 3D PDF Enables the TDP (Action Engineering, Jennifer Herron)

1530-1600 ASME Standards (Fred Constantino, ASME)

1600-1630 Open Discussion-Planning for discussion 31 January

31 January 2018

0830-0845 Administrative Remarks

0845-0915 ANARK Updates (James Martin, ANARK Corp.)

0915-0945 3D PDF Standards (Phil Spreier 3D PDF Consortium Tech Director)

0945-1015 Protection of IP in Model-Based Engineering Deliverables (Robin Pruss, Northrup Grumman)

1015-1045 Overview of Model Based Enterprise (MBE) Summit April 2018 at NIST

1045-1115 Further topics TBD

1200 ---- End Session ----