

Challenge

DoD makes 3D PDF part of their MBE efficiency standardization platform. Changing standards are driving suppliers to rapidly adopt MBE methods with 3D PDF.

Results

- Standards released in 2012 [MIL-STD-31000] now include use of 3D PDF
- Annotated product models must be effectively communicated to the supply chain with Technical Data Packages (TDP).
- The current method is to create an Adobe PDF file containing not only the model files in both native and STEP formats, but also the 3D PDF view that can be measured and rotated.

Why Tetra4D?

- 3D PDF eliminates complexity and expense associated with deploying multiple proprietary CAD viewers within an organization as large as the DoD.
- 3D PDF is the most ubiquitous low cost, platform for sharing manufacturing data as required by MBE strategy.
- 98% of computers worldwide are equipped with Free PDF Reader, capable 3D PDF viewing.
- PDF is ISO-32000 standard for document management.
- PDF/E ISO-24517 specifies PDF settings suitable for documents used in building, manufacturing, and geospatial workflows and supports interactive media, including animation and 3D.

Source

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