

Challenge

Establish Digital Product Development (DPD) Low End Viewer (LEV) and archival standard for 787 project.

Results

- Over 400,000 lightweight 3D PDF models converted in support of 787 and 747-8 programs. Initial use by space and defense programs.
- · Widely used for final assembly factory floor
- Heavily used by partners for internal processes
 Thousands of users, 75-100K
 accesses of 3D PDFs/week

Why Tetra4D?

- Open standards are viable basis for implementation
- Tetra4D facilitates distribution of MBD data by removing barriers to data
- Industrial strength tools available for 3D PDF
- User acceptance of 3D PDF is excellent
- Tetra4D and STEP are key standards for worldwide MBD data distribution in support of ongoing 787 production

Source

Collaboration & Interoperability Congress (CIC) 2012 Data Distribution on The 787, Bringing Model Based Definition to the World www.3dcic.com/past-events/426-briggs-boeing

--David Briggs, Associate Technical Fellow, Boeing