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