

PDF/E Overview

April, 2004

Background of PDF/E

- **Idea originated with industry, government, and vendors**
- **Problem**
 - Cost of managing distribution and change throughout project/product development team
 - Lack of reliable engineering drawing representation for downstream lifecycle management
- **Why PDF as a solution**
 - Published specification
 - Selected as a standard within many organizations
 - Supported by many developers

What is PDF/E?

- **Addresses need for reliable exchange of engineering documentation**
 - Secure distribution of intellectual property
 - Reliable exchange and change management (multiple application types and platforms)
 - Reduces costs associated with paper (distribution as well as storage/archive)
 - References existing PDF 1.5 specification
- **Covers 3 primary areas:**
 - Compact, accurate printing of engineering drawings
 - Roundtrip support for annotation and comment data
 - Incorporation of complex data into PDF (3D, object-level metadata, etc.)

Benefits of Involvement

- **Early engagement in defining a document exchange format for PDF-based engineering workflows**
 - Users of engineering documentation (industry and government)
 - Software and hardware vendors
- **Software and hardware vendors can begin to incorporate PDF/E in product development prior to final standard**

Current Participants

- **Adobe Systems**
- **Agile**
- **Army Corps of Engineers**
- **Autodesk**
- **Bentley Systems**
- **Boeing**
- **Caterpillar**
- **GE**
- **Global Graphics**
- **Halliburton/KBR**
- **Hewlett Packard**
- **Honeywell**
- **Intel**
- **Layton Graphics**
- **NGA (National Geospatial – Intelligence Agency)**
- **Océ**
- **Parkview International**
- **PTC**
- **Solidworks**
- **UGS PLM Solutions**
- **Xerox**

Involvement

■ **Participants:**

- Both technical and business participants (e.g., engineers and business development managers)
- Technical participants will contribute to and write portions of specification
- Successful fast-track to ISO standard requires committed participation

■ **Timeframe:**

- Meetings will occur every 6-8 weeks, and generally last 1-2 days
- Total timeframe to ISO standard is 24-36 months (target date: March '06)

Current Status and Timeline

- ✓ **AIIM/NPES issued press release announcing formation of PDF/E initiative – March 1st**
- ✓ **First meeting - March 10th, AIIMExpo 2004**
- **Next meeting: June 8-9, Washington, DC**
- **Next steps:**
 - Subcommittees to review PDF specification and begin drafting standards spec
 - AIIM to issue follow-up release (TBD)

How to Engage

- Sign up for PDF/E listserve on AIIM website: www.aiim.org
- Attend meetings
- For more information, contact Betsy Fanning at AIIM: (bfanning@aiim.org)