PDF Days Europe 2025

Milestones in the History of PDF

1990

- **"The Camelot Project"** — Dr John Warnock

1991

- **"HTML Tags"** — Tim Berners-Lee, October 1991
- **Unicode 1.0** — October 1991

1992

- **TIFF Revision 6** — June 3, 1992
- **JPEG** — Sept. 18, 1992

1993

- **Adobe PDF 1.0** — Tim Bienz & Richard Cohn, June 1993, "Carousel"

1994

- W3C® was founded by Tim Berners-Lee in 1994

1995

- **HTML 2** — Nov. 24, 1995

1996

- **Adobe PDF 1.1** — Tim Bienz, Richard Cohn, and James R. Meehan, Jan. 23, 1996
- **Adobe PDF 1.2** — Tim Bienz, Richard Cohn, & James R. Meehan, Nov. 12, 1996

1997

- **HTML 3** — Jan. 24, 1997
- **HTML 4** — Dec. 18, 1995

1998

1999

- **PostScript Language Reference Manual 3rd ed.** — February 1999
- **Adobe Tech Note #5620 Portable Job Ticket** — April 2, 1999
- ANSI CGATS.12/1-1999 **PDF/X-1** — April 2, 1999

2000

- **Adobe PDF 1.3** — July 2000

2001

- Adobe Tech Note #5172 **Highlight File Format** — June 25, 2001
- **Adobe PDF 1.4** — December 2001

2002

- ISO 15930-1:2001 **PDF/X-1 and PDF/X-1a** — December 2001
- ISO 15930-3:2002 **PDF/X-3** — Sept. 2002

2003

- **Adobe PDF 1.5** — August 2003
- ISO 15930-6:2003 **PDF/X-3** — Dec. 2003
- IEEE PWG 5102.3-2004 **PDF/is (image streamable)** — March 15, 2004
- UC, Berkeley **CompactPDF** — Nov. 2003

2004

- **Adobe PDF 1.6** — November 2004
- DICOM Standards Committee, WG6 **Supplement 104: DICOM encapsulation of PDF Documents** — March 2005
- **RFC 3778 application/pdf** — May 2004

2005

- ISO 19005-1:2005 **PDF/A-1** — November 2005
- ISO 16612-1:2005 **PPML/VDX** — December 2005
- **Digital Signatures in PDF** — March 2006
- **Blend Mode Addendum** — January 2006

2006

- **Adobe PDF 1.7** — October 2006
- **PDF Redaction Addendum** — September 2006
- **Digital Signature Appearances** — September 2006
- PDF/A Competence Center — Founded 2006

2007

- ISO — Adobe relinquishes PDF 1.7 to ISO
- PDF Association **Tech Note 001: PDF/A-1 & namespaces** — Dec. 6, 2006

2008

- ISO 24517-1:2008 **PDF/E-1** — May 2008
- ISO 32000-1:2008 **PDF 1.7, ISO edition** — July 2008
- **Adobe Supplement to ISO 32000-1 BaseVersion 1.7 ExtensionLevel 5** — June 2009
- **Adobe Supplement to ISO 32000-1 BaseVersion 1.7 ExtensionLevel 3** — June 2008

2009

- Open Geospatial Consortium **GeoPDF 2.2** — April 16, 2009
- AIIM BP-02-2008 **PDF/H (Healthcare)** — 2008
- ETSI TS 102 778-1 V1.1.1 **PAdES** — July 2009

2010

- ISO 15930-8:2010 **PDF/X-5** — July 2010
- ISO 15930-7:2010 **PDF/X-4** — July 2010
- ISO 16612-2:2010 **PDF/VT-1 & PDF/VT-2** — August 2010

2011

- ISO 19005-2:2011 **PDF/A-2** — July 2011
- PDF association

2012

- ISO 19005-3:2012 **PDF/A-3** — October 2012
- ISO 14289-1:2012 **PDF/UA-1, 1st ed.** — July 2012

2013

- **CalPoly PDF/VT Test Suite 1.0.1** — Sept. 1, 2013

2014

- ISO 14289-1:2014 **PDF/UA-1, 2nd ed.** — July 15, 2014
- PDF Association **Matterhorn 1.02** — April 30, 2014
- FeRD **ZUGFeRD 1.0** — April 25, 2014

2015

- PDF Association **PDF/UA-1 Reference Suite** — Sept. 2014
- PDF Association **PDF/VT Application Notes** — November 4, 2015

2016

- PDF Association / TWAIN **PDF/Raster 1.0** — July 2017
- **RFC 8118 application/pdf** — March 2017
- PDF Association **Tech Note 0010: Clarifications for PDF/A parts 1-3** — June 29, 2017

2017

- ISO 32000-2:2017 **PDF 2.0 1st edition** — July 2017
- ISO 19593-1:2018 **Processing Steps** — July 5, 2018
- PDF Association **PDF 2.0 AppNote 001: Black Point Compensation** — September 17, 2018

2018

- PDF Association **Tagged PDF BPG Syntax** — June 10, 2019
- PDF Association **Deriving HTML v1** — June 11, 2019
- ISO 21812-1:2019 **Print Product Metadata** — June 28, 2019

2019

- PDF Association **PDF Declarations** — Sept. 5, 2019
- ISO 19444-1:2019 **XFDF 3.0** — August 20, 2019
- PDF association

2020

- ISO 15930-9:2020 **PDF/X-6** — Nov. 2020
- ISO 23504-1:2020 **PDF/R-1** — Sept. 2020
- PDF Association **Matterhorn 1.1** — Nov. 10, 2020
- ISO 19005-4:2020 **PDF/A-4** — Nov. 17, 2020

2021

- ISO 32000-2:2020 **PDF 2.0, 2nd edition** — Dec. 11, 2020
- ISO 21757-1:2020 **ECMAScript for PDF** — December 2020
- ISO 16612-3:2020 **PDF/VT-3** — Nov. 30, 2020
- FeRD **Order-X 1.0** — April 13, 2021
- PDF Association **PDF Errata** — Jan. 2021

2022

- ISO/TS 32002:2022 **PDF 2.0 Dig. Sig.** — October 2022
- ISO/TS 32001:2022 **PDF 2.0 Hash algorithms** — Sept. 2022
- ISO/TS 24064:2023 **STEP AP242 for PDF** — March 2023

2023

- ISO/TS 32005:2023 **Namespace inclusion** — July 2023
- ISO 14289-2:2024 **PDF/UA-2** — March 2024
- ISO/TS 32003:2023 **AES-256** — May 2023

2024

- ISO/TS 32007:2024 **glTF for PDF** — April 2024
- ISO/TS 32004:2024 **Integrity protection** — April 2024
- PDF Association **WTPDF v1.0** — February 28, 2024
- PDF Association **PDF/UA-1 Reference Suite 1.1** — February. 2024

2025

- PDF Association **EA-PDF v1.0** — February 1, 2025

2026

- ISO 32000-2:2020 Amd1 **PDF 2.0 Amendment**
- ISO 19005-4:202x **PDF/A-4 update**
- ISO 15930-9:202x **PDF/X-6 update**
- PDF Association **Deriving HTML update**
- ISO/TS 32004:202x **Integrity protection update**
- PDF Association **PDF 2.0 AppNote 002: Associated Files update**
- ISO/TS 32008:202x **Content credentials for PDF**
- ISO/TS 32009:202x **Multilanguage strings**
- PDF Association **Brotli compression**
- PDF Association **JPEG XL**
- PDF Association **HDR**

The future of PDF...