

FOR IMMEDIATE RELEASE

PDES, Inc. Flagship Standard AP242 to be in Future PDF 2.0 Release

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PDES, Inc. reports that [ISO 10303-242, Industrial automation systems and integration – Product data representation and exchange – Part 242: Application protocol: Managed model-based 3D engineering](#) (AP242) will become an ISO-standardized extension to PDF 2.0. This provides a large benefit to companies in extending their data exchange packages to include both the PDF visualization and the STEP geometry from a single source of data.

On April 6, the PDF Association announced the successful ballot of its ISO/TS 24064 which will allow support for 3D visualization of AP242 3D modeling data in PDF files conforming to the ISO 32000-2 (PDF 2.0) specification. This important development for AP242 will increase accessibility to the ISO 10303 standard (commonly called STEP) for the public, make engineering workflows more efficient and less prone to conversion errors. ([PDF 2.0 adds STEP 3D model support – PDF Association](#))

Brian Chiesi, General Manager of PDES, Inc., stated “PDES, Inc. is thrilled to see that [ISO 10303-242, Industrial automation systems and integration – Product data representation and exchange – Part 242: Application protocol: Managed model-based 3D engineering](#) (AP242) will become an ISO-standardized extension to PDF 2.0. This provides a large benefit to companies in extending their data exchange packages to include both the PDF visualization and the STEP geometry from a single source of data.”

Vendor support for the new extension would allow STEP files to be used as a single source for both visualization and workflow purposes, eliminating a data conversion and therefore reducing opportunity for errors and the need to check results. Support for this extension of the PDF specification will also allow PDF's RichMedia annotations to include 3D assets saved in the AP242 format

The PDF Association is headquartered in Berlin, Germany, and operates a wholly-owned subsidiary non-profit organization, [PDF Association, Inc.](#), in the United States. More information can be found at [PDF Association – The home of the PDF technology industry](#)

PDES, Inc. is a participation-based consortium focused on the development and implementation of model-based standards to support the digital enterprise. Founded in 1988, the organization includes members from Industry, Government and Academia. More information can be found at <https://pdesinc.org/>

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