



btmSOFTWARE

Bridges to Markets

RENDERbridge

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Generates renditions from CAD models

Accurate renditions

With RENDERbridge anyone working with Documentum can generate renditions from CAD models and drawings and (the different versions of) their linked files as one entity.

3D models and 2D drawings tend to have other files linked to them: reference files, xRefs, raster files, parts. With DRAWbridge these models and drawings are stored in and managed from a Documentum repository.

In fact, DRAWbridge can handle the links of files of any format, such as Office Word documents (manuals, operating procedures, etc.) or Excel spreadsheets (bill of materials, sizing parameters, etc.) as well as hybrid raster/vector drawings.

At the time, when the drawings and models need to be distributed RENDERbridge steps in. RENDERbridge automatically generates renditions in PDF, TIFF, DWF and DWFx format. These renditions are the basis for information exchange and approval cycles between internal and external parties involved in the engineering process. This way the users don't need to have the native CAD application on their desktop which saves money and effort.

Before creating the rendition, RENDERbridge automatically updates the title block on the drawing ensuring that the rendition contains the most current information.

This is all done as an unattended process on a separate server, making sure that the local machine is not blocked while processing the CAD-file and its linked files.

RENDERbridge fits perfectly within the existing Documentum installation. As an example, RENDERbridge can automatically generate PDF renditions at check-in time of the CAD drawings or generate and distribute the PDFs as a part of an existing workflow or lifecycle.

As TIFF is the standard for archiving CAD information, RENDERbridge offers accurate and comprehensive archival material.

DWF(x) has become the standard for the distribution of design and construction data in the Autodesk community

RENDERbridge uses the native rendition drivers and re-uses the company standards for printing and publishing of the CAD application, thus delivering the highest quality possible.

Business Benefits

RENDERbridge delivers the following benefits to your business:

- » Reduce cost as no CAD applications are required to review the CAD-files and their reference files
- » Simplify the review and approval process for engineering documents
- » Accurate and comprehensive archival material
- » Reduce errors due to incorrect content through automatic title block synchronization
- » RENDERbridge is easily installed and integrated in the existing Documentum installation

Technical Features

RENDERbridge functionality includes:

- » Generating PDF, TIFF, DWF and DWFx renditions of CAD files and (the different versions of) their reference files, xRefs, parts and other linked documents
- » Management of hybrid raster/vector drawings
- » Handling of nested reference files, xRefs and other linked documents
- » Title block synchronization with the meta-data stored in Documentum
- » Uses the native rendition drivers from the CAD application
- » Re-uses the company standards (plot and publishing configuration files)
- » Runs as an unattended process and can be easily connected to workflows and lifecycles
- » Load balancing capabilities are included for heavy duty environments

RENDERbridge supports the following systems:

- » AutoCAD and Revit from Autodesk
- » MicroStation from Bentley Systems
- » Documentum (Webtop, D2, AO and CP)

RENDERbridge is a part of the DRAWbridge Suite.

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