



# btmSOFTWARE

## Bridges to Markets

### RENDERbridge

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*Generates renditions from CAD drawings with their linked files.*

### Accurate renditions

With RENDERbridge anyone working with EMC<sup>2</sup> Documentum can generate renditions from CAD drawings and their linked files as one entity.

CAD drawings tend to have other drawings linked to them, also called reference files, xRefs or Links. With DRAWbridge these drawings are stored and managed directly in an EMC<sup>2</sup> Documentum repository.

Basically, DRAWbridge can handle the links of files of any format, such as Office Word documents (manuals, instructions, etc.) or Excel (Bill of Materials, sizing parameters, etc.) as well as hybrid raster/vector drawings

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

Before creating the rendition, RENDERbridge 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 EMC<sup>2</sup> 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 drawings, RENDERbridge offers accurate and comprehensive archival material.

### 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 EMC<sup>2</sup> Documentum installation

### Technical Features

RENDERbridge functionality includes:

- » Generating PDF and TIFF renditions of CAD files and their reference files, xRefs and other linked documents

- » Management of hybrid raster/vector drawings
- » Handling of nested reference files, xRefs and other linked documents
- » Title block synchronisation with the meta-data stored in Documentum
- » Runs as an unattended process giving and can be easily connected to workflows and lifecycles

RENDERbridge supports the following systems:

- » AutoCAD from Autodesk
- » MicroStation from Bentley Systems
- » SmartSketch from Intergraph
- » Microsoft Visio Professional 2007
- » EMC<sup>2</sup> Documentum

RENDERbridge is a part of the DRAWbridge Suite, which has been accredited by EMC Documentum.



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