

# AGILE CONTENT MANAGEMENT OF DRAWINGS WITH EMC CADRENDER

Automatically create renditions of CAD files for secure transmittal, review, and approval

## ESSENTIALS

### Customer Benefits

- Improves team agility – cross-functional users view and distribute drawings without CAD apps
- Expedites content approvals - less format issue delays
- Improves secure collaboration - share drawings easily in approved workflows
- Simplifies IT administration – no need for CAD apps

### CADRender Features

- Configure drawing setup before rendering by adjusting stylesheets, line-weights, color, orientation
- Build custom business logic to drive drawing setup and watermarking
- Supports resolution of xRef files prior to rendering

### CADRender Use Cases

- Renders CAD drawings into multiple formats
- Renders office documents into PDF

## OVERVIEW

An essential type of content in the enterprise is drawings, such as gas pipeline maps, new plant architectural drawings, and many more application-type drawings. Specialized CAD applications, however, can be expensive and complicated to manage, especially in remote locations and across partners and vendors. Enterprise workflows may also require drawing content to complete specific workflows that do not support CAD formats.

The EMC® CADRender solution, from EMC Enterprise Content Division (ECD) Services, allows everyday users to easily render CAD drawings automatically. This process, typically done by engineers and designers, is now handled automatically by configuring custom business logic as part of CADRender. CADRender uses the native CAD application to create renditions resulting in a true match of what the master drawing looks like.

CADRender increases organizational agility for sharing and acting upon drawing content. Collaboration becomes more secure since renditions may be used in all workflow processes, instead of master CAD files.



## CAPABILITIES TO GET THE JOB DONE

When master CAD Files (with xRefs) are created in the EMC® Documentum® repository through import or check-in users are able to automatically generate PDF, TIFF, and .DWF images from the master CAD file. Backend processing can replace or coexist with EMC® Documentum® Advanced Document Transformation Services (ADTS), allowing users to create read-only drawing files for non-AutoCAD or MicroStation users. CADRender ensures collaboration is secure since renditions may be used in all workflow processes instead of using master CAD files. CAD drawings have a unique requirement in that drawings need to specifically be adjusted prior to plotting when creating a rendition. CADRender allows users to easily adjust what gets plotted for the rendition. All plotting parameters can be configured, such as plotter selection, view, orientation, layers, and style sheets.

REDEFINE

SOLUTION OVERVIEW

EMC<sup>2</sup>

## USE CASES

CADRender supports a variety of use cases and is extensible to add support for additional formats.

Current use cases include:

- Rendering CAD drawings into PDF, TIFF, DWF(Autocad)
- Rendering office documents into PDF or TIFF



## BENEFITS

EMC CADRender helps customers and delivers the following benefits:

- Expedites content approvals by eliminating format transfer delays – easily save CAD drawings into standard supported formats including:
  - dxg, dwg, dwt, xlsx, xls, pptx, ppt, mpp, vsd, docx, doc, csv, bmp, dgn, docm, jpeg, jpg, msg, png, rtf, tif, txt
- Simplifies IT management and maintenance – eliminates the need to procure and deploy CAD applications across disparate systems or remote locations
  - Designed, developed, tested and maintained by EMC
- Improves secure collaboration - rendered formats work more easily in your approved enterprise processing applications and workflows
- Improves organizational agility - users in multiple job functions can view and distribute drawings without the need to locally install a CAD application
- Allow users to view and distribute drawings without the need for them to install a CAD application
- Designed, developed, tested and maintained by EMC

## NEXT STEPS

ECD Services offers a demonstration of CADRender, scheduled at your convenience. To learn more about CADRender, please contact your local EMC Solution Principal, Account Manager, or contact us directly at [ECD.WWCSG.INFO@emc.com](mailto:ECD.WWCSG.INFO@emc.com).

## ABOUT ECD SERVICES

EMC Enterprise Content Division (ECD) Services accelerates today's digital enterprise through world-class technical and industry expertise coupled with end-to-end service capabilities that deliver content management cloud solutions, empower end users, and enable successful project implementations while mitigating risk. Our 500+ services experts worldwide, plus global network of partners, have the skills, knowledge, and experience organizations need to get the maximum value from their EMC software investments—with an unending commitment to an exceptional total customer experience through service excellence.

## CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, contact your local EMC Solution Principal, Account Manager, email us at [ECD.WWCSG.INFO@EMC.com](mailto:ECD.WWCSG.INFO@EMC.com) or visit us at [www.EMC.com/Documentum](http://www.EMC.com/Documentum)

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