



## ENGINEERING DATA MANAGEMENT FOR ALFRESCO®

### EDM HIGHLIGHTS

**Engineering Drawing & Engineering Document content types, with view, edit, and search forms**

**Extract AutoCAD file attributes and map them to properties in Alfresco**

**Associate the base drawing to its XRefs within Alfresco**

**Render AutoCAD drawings to vector PDF for viewing in Alfresco**

**Render the model space and all paper space views of a drawing**

**Generate and view a complete drawing, including its XRefs**

**Browse the repository, open files, check-in, check-out, view or edit metadata from within the AutoCAD application**

**Offered as a subscription or perpetual license, with on-going product maintenance, support, and upgrades**

**Formtek's Engineering Data Management (EDM) Solution** is Alfresco Certified Technology that provides for flexible yet secure management of engineering documents, drawings and AutoCAD® files. The combination of Alfresco and the Formtek EDM Solution allows engineering, design, manufacturing, and construction organizations to effectively manage and collaborate on engineering information throughout their distributed enterprise.

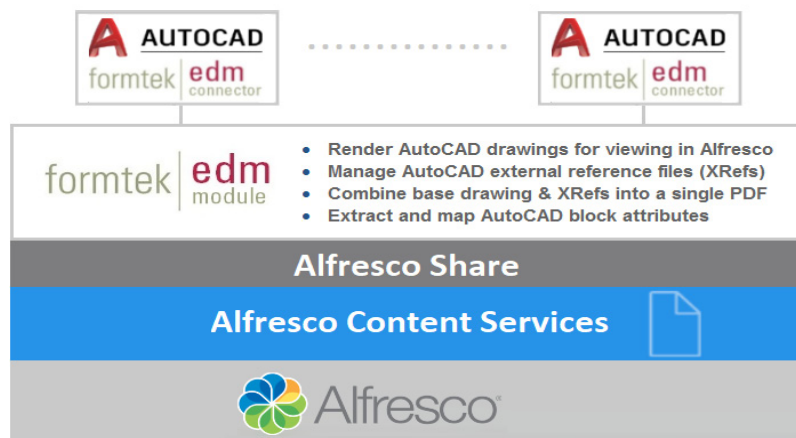
**The Formtek EDM Module** is pre-configured with a content model for both Engineering Document and Drawing types, with view, edit and search forms specific to an Engineering organization's needs. It can also be configured to work with an organization's custom content model.

Upon upload, the EDM Module will extract attributes present in AutoCAD DWG or DXF files, including title block attributes, and

map them to the predefined and/or custom content model properties in Alfresco. The EDM Solution also provides the capability to associate and synchronize the base drawing to its external references (XRefs) within the Alfresco repository.

The EDM Module includes a converter which automatically renders AutoCAD file types to thumbnail and vector PDF for viewing in Alfresco. Options for display include the current view of the base drawing, all views of the base drawing, or the complete drawing with all XRefs.

Synchronization with AutoCAD can be achieved with the addition of the **Formtek EDM Connector for AutoCAD**. The EDM Connector is a software plug-in for AutoCAD that allows AutoCAD users to browse the Alfresco repository, open files, check-in, check-out, view or edit metadata, all from within the AutoCAD application.



**The Formtek EDM Solution integrates AutoCAD with Alfresco**

# Key benefits of using the Formtek EDM Solution for Alfresco

## Single repository for all engineering documents and drawings

- Support for all standard file formats
- Support for popular AutoCAD® formats, DWG, DXF and DWF
- Pre-configured or custom engineering content model with view, edit, and search forms
- Automatically generated thumbnail and vector PDF previews
- Major and minor revision control
- Hierarchical storage in folders

## Robust security

- User-based, group-based, and document-based access rules
- Transaction and auditing log of all activities provides accountability and traceability for all actions

## Improved collaboration

- Ad hoc and formal review and approval workflows
- Configurable project dashboards for increased team productivity and enhanced communication
- Distribution of documents, including large digital files, (e.g. CAD files) to distributed team members
- Secure sharing of information with partners and suppliers
- Mobile access on Android and iOS

## Open software platform conforming to industry standards

- Allows integration with other applications
- Easy to use and administer from any web browser
- Available on both Windows and Linux servers

**The Formtek EDM Solution renders AutoCAD drawings for viewing in Alfresco**

ITEM	Qty	File Name	Description	Blank
1	1	VW02-00-0303-2	Drive Roller	See Dig 11/15/2016-2017-2
2	2	VW02-00-1000	Big Block Slice	See Dig 11/15/2016-2017-2
3	2	M10X11BLN	Allen Bolt M10x11 E	B.O.
4	2	VW02-00-0304	Big Gear	See Dig 11/15/2016-2017-2
5	1	NYLON_GEAR	Nylon Gear	See Dig 11/15/2016-2017-2
6	2	M10_NUT	Hex Nut M10	B.O.



Formtek, Inc.  
2855 Mitchell Drive, Ste 118  
Walnut Creek, CA 94598  
+1.925.482.0632

## ABOUT FORMTEK

Formtek, Inc. provides secure and scalable enterprise content management (ECM) and document management software and implementation services to worldwide customers and partners in the manufacturing, aerospace, defense, telecommunication, utility, government, and other markets. We build solutions on software technology platforms that are open and adaptable to complex IT environments, including Formtek | Orion Content Repository Services, Ephesoft Smart Capture, and the Alfresco Digital Business platform.

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Contact [bizdev@formtek.com](mailto:bizdev@formtek.com) or visit our website at [www.formtek.com](http://www.formtek.com) for more information.