

# eDrawings® Professional for CoCreate® Modeling™

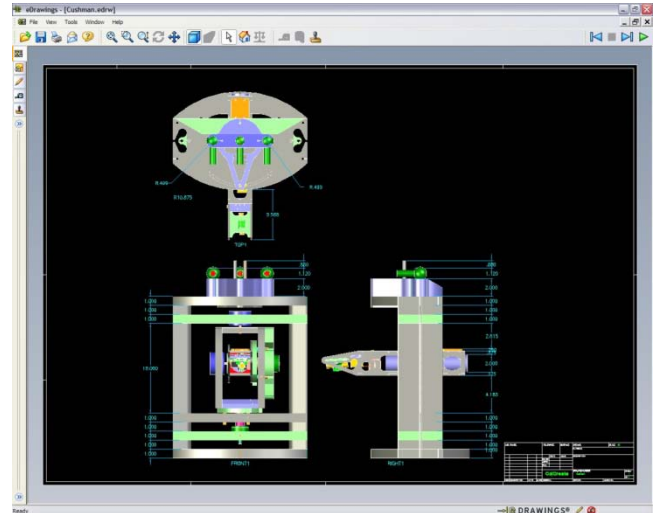
Create 2D drawings and 3D models in eDrawings format from within CoCreate Modeling

eDrawings Professional for CoCreate Modeling converts 3D and 2D product design data to the popular eDrawings format enabling anyone to view your models with a free viewer.

eDrawings supports email-enabled communication, which makes it easy to share 2D and 3D design data generated from CoCreate Modeling. With eDrawings Professional for CoCreate Modeling, you can produce inspection- and review-enabled eDrawings files to collaborate effectively with everyone involved in product development.

## CoCreate Modeling offers two levels of eDrawings support:

- At the base level, you can publish eDrawings documents, so your 3D design data, along with associated drawings, can be easily viewed by others using the free eDrawings Viewer (included with your seat of CoCreate Modeling).
- If you need more advanced capabilities, including inspection- and review-enabled capabilities for eDrawings documents, you can easily upgrade to the eDrawings Professional add-on module.



View combined 2D drawings and 3D models in eDrawings format with the free eDrawings Viewer.

## Key Benefits

- Clearly communicate product design data, and avoid misunderstandings when discussing design topics or resolving complex engineering issues.
- Speed communication with all team members, including customers, partners, vendors, and suppliers. Teams can view and interact with models, and provide feedback to product designers.
- Bridge the 2D and 3D design worlds by combining drawings and models in a single eDrawings document, viewable in overlay mode.
- Use inspection- and review-enabled eDrawings, so team members can interrogate the model, add markup and comments, and save the results or share directly via email.
- Collaborate in a multi-CAD environment by sharing 3D product designs in a popular viewable format. Protect your CAD data when sharing 3D models.
- Deploy instantly – viewer is optionally embedded in the eDrawings file.

## Features and Specifications

Basic eDrawings functionality included with CoCreate Modeling:

### 3D Publishing

- Publish eDrawings for parts, assemblies, and drawings (including sheet selection)
- Include 3D documentation such as dimensions, geometric dimensions and tolerances (GD&T), and notes
- Optionally store in Model Manager as related files to the 3D model

### Free Viewer

- eDrawings published from CoCreate Modeling are easily shared and viewed using the free eDrawings viewer that can be installed with CoCreate Modeling or be embedded in and distributed with the eDrawings file
- Save or email directly from within the eDrawings viewer, either as eDrawings file or packaged in a ZIP file, an HTML page or an executable

## Viewing

- Visualize 3D design data in shaded or wireframe mode
- Rotate, zoom, and pan 3D models
- View 3D models and 2D drawings in overlay mode
- Navigate the individual layout views manually by selection, or automatically via animations

The add-on product eDrawings Professional for CoCreate Modeling extends the base capabilities included in CoCreate Modeling, so you can create inspection- and review-enabled eDrawings documents that others can measure and mark up:

## Measurement

- Measure dimensions from the model or drawing. For isometric-type drawing views, the projected length is displayed instead of the true length

## Markup Tools

- Create, edit, and save markup elements, such as comments, geometric shapes, clouds, images, text, or dimensions

## Exploded Views

- Move individual components either in an assembly or in a drawing, to create exploded views

## Dynamic Cross-Section

- Dynamically move cross-sectioning plane through parts and assemblies to see design details hidden from view

## Mass Properties

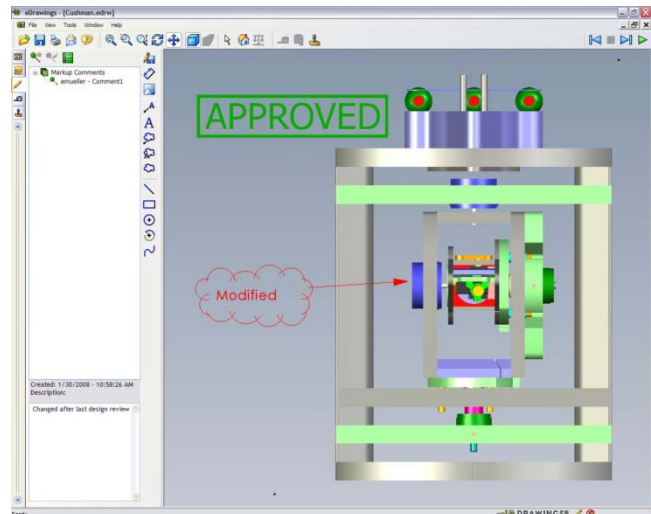
- Query mass, volume, density (parts only), and surface area of the model

## Data Protection

- Disable measurement and STL export of eDrawings documents to protect sensitive data

## Password Protection

- Assign passwords to protect eDrawings documents



In inspection- and review-enabled eDrawings created with eDrawings Professional for CoCreate Modeling, users can measure and mark up the model, and add comments.

## Prerequisites

- CoCreate Modeling or CoCreate 3D Access

## Platform Requirements

Supported operating systems:

- Windows® 7 32-bit and 64-bit Editions of Ultimate, Enterprise, and Professional
- Windows XP Professional 32-bit and 64-bit Editions
- Windows Vista® 32-bit and 64-bit Editions of Ultimate, Enterprise, and Business

For the most up-to-date platform support information, visit: [www.ptc.com/partners/hardware/current/support.htm](http://www.ptc.com/partners/hardware/current/support.htm)

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