

# Creo® Elements/Direct® Model Manager

The Essential Companion to Creo Elements/Direct Modeling 3D Product Development

Creo Elements/Direct Model Manager manages your product design data within a central database, effectively coordinating development efforts without imposing overhead on the team.

Creo Elements/Direct Model Manager is the integrated product data management companion for Creo Elements/Direct Modeling. With Creo Elements/Direct Model Manager, companies can streamline the efforts of development teams to track and manage design data across the product's lifecycle.

## Key benefits

### Speed development and cut costs

Cut engineering time and drive manufacturing costs down by managing multiple product configurations with high cross-leverage and also by reusing shared parts and assemblies across product platforms.

### System of record

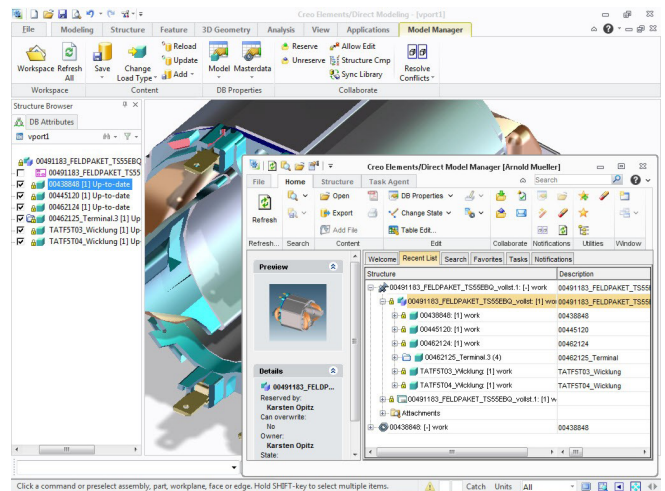
Use Creo Elements/Direct Model Manager as your centralized workgroup database and share released design data with other enterprise systems, such as ERP. This flexibility can support a broad range of enterprise data management strategies and systems.

### Data management you will not outgrow

Creo Elements/Direct Model Manager scales from the global enterprise down to the one-person shop. Any size company can easily move beyond 3D CAD into an orchestrated 3D product development and lifecycle management process.

## Streamline processes

Eliminate the time and expense of manual data management processes. Ensure design integrity and work with up-to-date revisions of design data across the development team with safeguards against accidental data loss.



Stay up-to-date with integrated Creo Elements/Direct Model Manager status and revision notifications from inside the Creo Elements/Direct Modeling structure browser.

## Features and specifications

### The standard for out-of-the-box data management

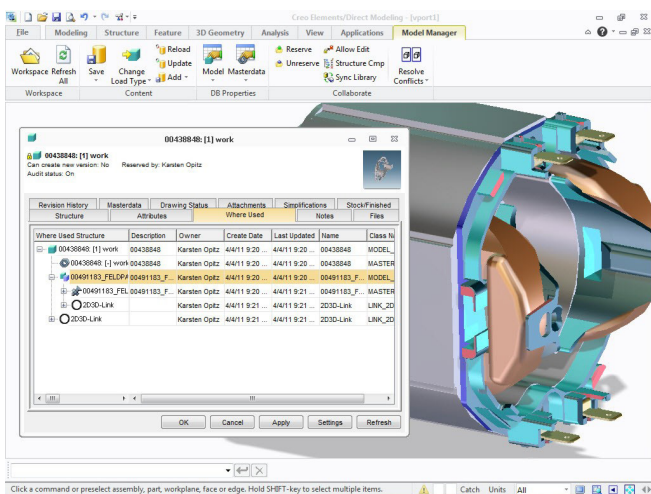
- Relieve data management headaches with a friendly 15 minute, 6 button click installation
- Achieve the benefits that come with product data management – already pre-configured with industry best practices

## Integrated experience

- Experience a real-time, seamless product data management system inside Creo Elements/Direct Modeling
- Restore your entire Creo Elements/Direct Modeling design session with a single mouse-click, and immediately pick up right where you left off with revision and viewpoint settings

## Manage 3D-to-2D associative drawings

- Create fully associative 2D drawings with Creo Elements/Direct Modeling and automatically manage their 3D-to-2D relationship – from design to manufacturing
- Update drawing title blocks automatically with database attributes such as revision number and change notes
- Create and save an Adobe® PDF document (with optional watermarks) with 3D models



Access, track, and manage model and drawing database properties with Creo Elements/Direct Model Manager.

- Add database attributes, such as material properties, to create multiple variations of 3D models

## Manage supplier components

- Create and manage supplier components as inseparable assemblies

## Manage stock, pre-machined and finished parts

- View relationships between stock or raw parts, pre-machined parts, and finished parts

## Bill-of-materials

- Create, manage, modify, and export bill-of-materials (BOM) from Creo Elements/Direct Model Manager. Requires the add-on Creo Elements/Direct BOM Editor

## Workspace

- Interact with product design data through a familiar Microsoft® Windows Explorer® look and feel, including convenient access to My Recent Items, favorites, and saved searches
- Find product design data using any defined criteria, and save the search to watch it dynamically update with the latest results
- Track down products and quickly understand the effects that a single design change will have on multiple product assemblies

## Workflow

- Add new users to Creo Elements/Direct Model Manager and easily assign permissions using predefined or specially configured groups
- Manage and control revision history for all your 3D design data, including non-mechanical components

## Status and notifications

- Get real-time status alerts and pop-up notifications of updates and revisions as you work in Creo Elements/Direct Modeling
- Subscribe to email notification of changes to any type of product design data

### Assembly management

- Free up desktop resources when loading large, complex products
- Design within the context of your assembly structure by loading only the desired parts and assemblies

### Distributed product development

- Improve cross-locale support for distributed product development
- Use with single-site or multi-site implementations

### Prerequisites

- Creo Elements/Direct Modeling

### Platform support and system requirements

Please visit the [PTC support page](#) for the most up-to-date platform support and system requirements.

For more information, visit:

[PTC.com/cad/elements-direct/model-manager](https://www.ptc.com/cad/elements-direct/model-manager)

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