Creo Elements/Direct Model Manager

Product data management companion for Creo Elements/Direct Modeling

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.
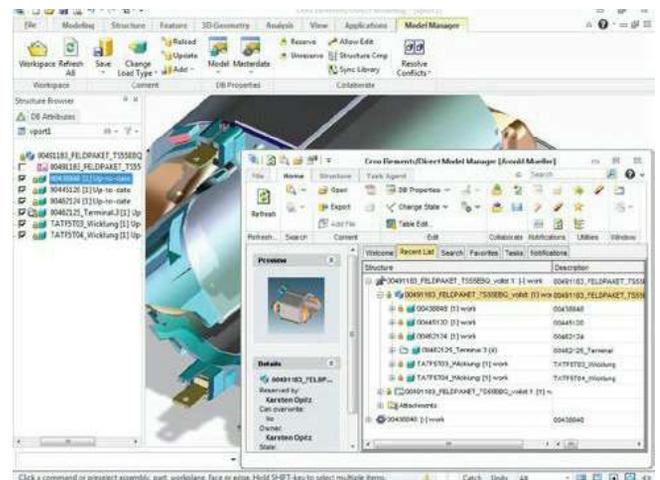
System of record

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

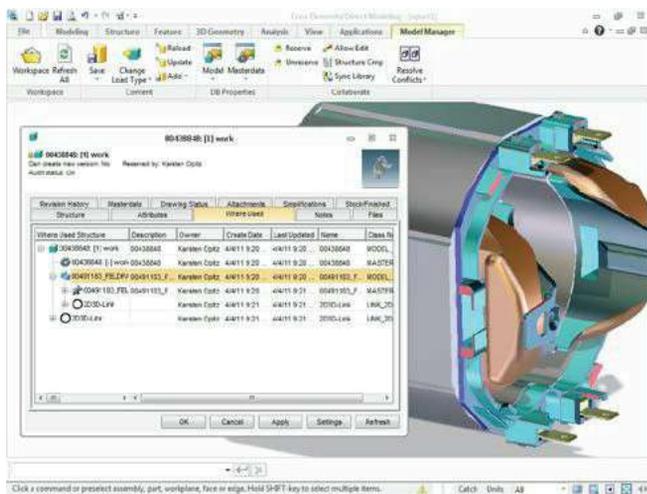### The standard for out-of-the-box data management

- Relieve data management headaches with a 15-minute, 6-button click installation

- Achieve the benefits that come with product data management – 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 pre- defined 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:
http://www.ptc.com/product/creo-elements-direct/model-manager

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