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Creo® Collaboration Extensions
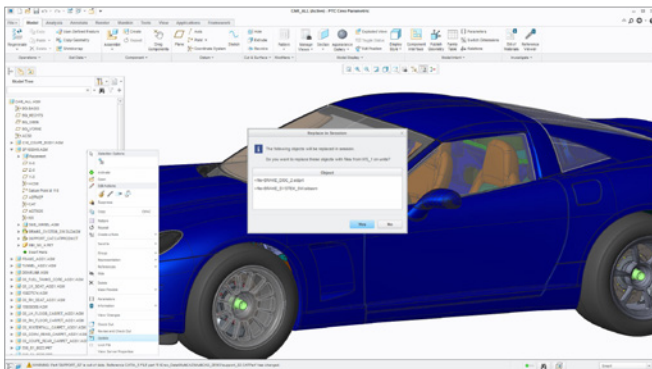
COLLABORATE EFFECTIVELY ACROSS CAD PLATFORMS

The Creo Collaboration Extensions provide organizations with the tools to collaborate more effectively when working with data from multiple CAD systems, enabling design teams to improve product quality, desirability, and on-time delivery.

Most organizations would prefer to collaborate with partners early and often. Unfortunately, when these partners work on different CAD systems, the manual effort required to incorporate multiple iterations of data, while preserving design intent built across the models, often prevents this from happening.

The Creo Collaboration Extensions address this challenge. The software ensures that revisions to CATIA®, Siemens® NX™, SolidWorks®, and Autodesk® Inventor™ data used in designs can be easily incorporated while preserving design intent that has been built across the models. This allows designers to quickly and easily integrate new revisions of non-Creo data into designs. Additionally, Creo data can be shared with partners in CATIA, Siemens NX, and SolidWorks formats.
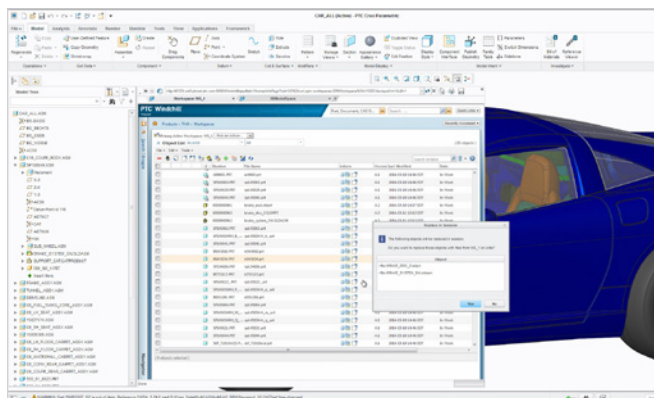
Key benefits

- Enable higher levels of concurrent engineering
  - Easily incorporate non-Creo data throughout the design process
  - Effortlessly manage changes to non-Creo data
  - Protect design intent established between Creo and non-Creo data
  - Reduce the number and impact of late stage design changes

- Promote data re-use and sharing

- Support on-time product delivery
  - Ensure consistency and integrity is maintained through the design process

- Reduce the need to create and manage neutral formats
  - Exchange information in the most common 3D CAD formats
  - Quickly and easily exchange Creo models with partners using CATIA V4/V5, Siemens NX, or SolidWorks
  - No requirement for extra CAD software or customized integrations

Create and maintain design intent with non-Creo files.

- Enable seamless updates

  - Quickly and easily incorporate new revisions of non-Creo parts and assemblies into your designs

  - Maintain design intent across models regardless of where they come from

Maintain design intent with non-Creo data with integrated updates.

Capabilities and specifications

The Creo Collaboration Extensions make working in a multi-CAD environment easier. These modules enable you to create and maintain seamless relationships between models from different CAD platforms. Changes to non-Creo data can be understood and handled as easily as updates to Creo data:

- Supports bidirectional exchange of both parts and assemblies

- Associative updates allow concurrent design and production work to proceed with confidence

- Native data import and export without requiring a CATIA V4/V5, Siemens NX, or SolidWorks license

Creo offers five extensions that each enables collaboration for the specific CAD platform:

- Creo Collaboration Extension for CATIA V4

- Creo Collaboration Extension for CATIA V5

- Creo Collaboration Extension for Siemens NX

- Creo Collaboration Extension for SolidWorks

- Creo Collaboration Extension for Autodesk Inventor

File Format	Import/Open	Update	Save As
CATIA V4	✓	✓	✓
CATIA V5	✓	✓	✓
Siemens NX	✓	✓	✓
SolidWorks	✓	✓	✓
Autdesk Inventor	✓	✓	

For more specific version support information, please view the compatibility matrix.

Language Support

English, German, French, Italian, Spanish, Chinese (Simplified and Traditional), Japanese, Korean, and Russian

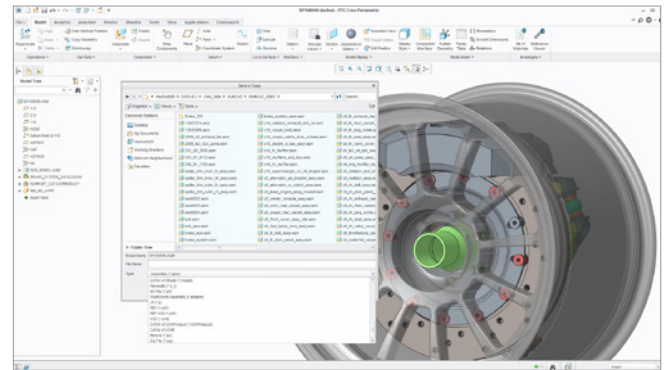### Platform support and system requirements

Please visit the PTC support page for the most up-to-date platform support and system requirements.

The Creo Advantage

Creo is a 3D CAD solution that helps you build better products faster by accelerating product innovation, reusing the very best of your designs and replacing assumptions with facts. Go from the earliest phases of product design to a smart, connected product with Creo. Add augmented reality to allow everyone to visualize your design. In the fast changing world of the Industrial IoT, no other company can get you to the substantial value as quickly and effectively as PTC.

Save designs in CATIA, NX, or SolidWorks formats for easier exchange with partners.

J11024–Creo–Collaboration–Extensions–EN–0218