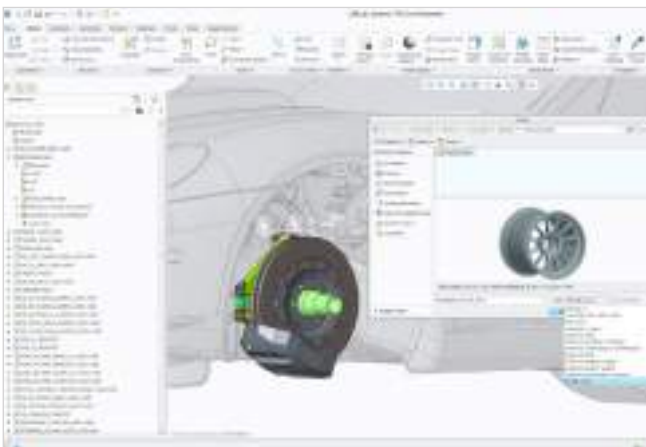


# Unite Technology

A Ground-Breaking Approach to Addressing the Challenges of Working in a Multi-CAD Environment

Creo® with Unite technology provides users with breakthrough capabilities to improve productivity in multi-CAD environments. Now users can consolidate CAD systems and collaborate more effectively across systems, design teams will find new efficiencies allowing them to improve product quality, desirability, and time to market. As the physical and digital worlds merge, such increased productivity will be more important than ever.

Today's multi-CAD design environment presents challenges. Unite technology addresses these challenges by enabling users to import and open non-Creo files, save data in non-Creo formats, and create and maintain design intent across CAD platforms.



Open non-Creo files directly into Creo.

## Consolidation

Organizations considering consolidating CAD systems face a number of challenges, including user adoption, training, and the cost of data migration. Creo already provides product development companies with an easy-to-use product and a rich, embedded learning experience. Now, with Unite technology, organizations can cost-effectively address the challenges of data migration.

Users can now convert only the parts and parent assemblies needed, as opposed to an entire assembly. This greatly reduces the amount of time and effort spent on data migration.

## Collaboration

Collaborating early and often across CAD platforms with partners can be hard. The manual effort required forces many of them to make significant compromises during the design process. Unite technology enables organizations to easily overcome this challenge, allowing users to work more efficiently with other internal stakeholders, suppliers, or development partners.

## Key benefits

### Consolidate to a single CAD system with ease

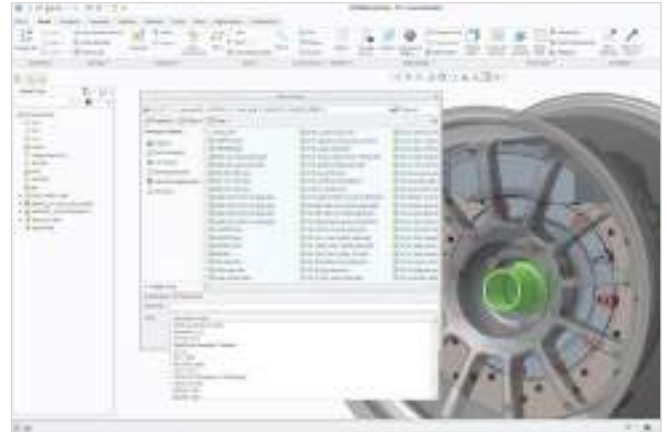
- Easily re-use legacy data
- Convert data “as needed, when needed”
  - Convert only the parts you need to change
- Reduce the number of CAD platforms and the associated costs of software licenses, support, and training
- Increase engineering productivity and IT efficiency
- Enable a “design anywhere, build anywhere” strategy

### Collaborate effectively in a multi-CAD environment

- 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



Create and maintain design intent with non-Creo files.



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

## Capabilities and specifications:

### Import

With Unite technology, users can convert data from other CAD systems such as CATIA®, Siemens®NX™, SolidEdge®, SolidWorks®, and Autodesk® Inventor™ (see table below for full list) into Creo data.

### Open

While other CAD systems allow you to import non-native files, only Unite technology’s open capabilities give users the ability to work with non-native data without any conversion effort. Users can now incorporate CATIA, Siemens NX, SolidWorks, and Autodesk Inventor data directly into their designs without creating additional business objects.

### Update

Change is an inevitable part of collaboration. The Creo Collaboration Extensions ensure changes on imported or opened data are handled seamlessly.

### Save as

With the Creo Collaboration Extensions, designers can exchange Creo models in the most common CAD formats (including CATIA, Siemens NX, and SolidWorks) without the presence of licenses from these software systems.

Format	Import	Open	Update	Save As
CATIA V4	✓	✓	★	★
CATIA V5	✓	✓	★	★
Siemens NX / Unigraphics® NX	✓	✓	★	★
SolidWorks	✓	✓	★	★
Autodesk Inventor	✓	✓ <sup>i</sup>	★ <sup>i</sup>	
JT	•			•
CADDS® 5	✓		✓	✓
Creo Elements/ Direct®	✓	✓	✓	
STEP	✓			✓
Rhinoceros®	✓			
SolidEdge	✓			
AutoCAD® DXF™	✓			✓
AutoCAD Drawing	✓			✓

✓ Supported in the base license of Creo Parametric™

★ Creo Collaboration Extensions: Creo Collaboration Extension for CATIA V4 (replacement for CATIA V4 w/ ATB license), Creo Collaboration Extension for CATIA V5 (replacement for CATIA V5 w/ ATB license), Creo Collaboration Extension for UG/NX (replacement for Unigraphics w/ATB license), Creo Collaboration Extension for SolidWorks, Creo Collaboration Extension for Autodesk Inventor

• Creo Interface for JT

<sup>i</sup> Available only in Creo 5.0 and above.

### The Creo Advantage

Creo is a 3D CAD solution that helps you build better products faster by accelerating product innovation, reusing the best of your design 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 substantial value as quickly and effectively as PTC.

### 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.

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