

## CoCreate OneSpace.net 3D CAD Conversion

This document contains the individual conversion specifications

### Table of Contents

- CATIA V4 4.2 to OneSpace.net conversion
- Unigraphics NX2 to OneSpace.net conversion
- Pro/E Wildfire to OneSpace.net conversion
- I-DEAS MS10 to OneSpace.net conversion
- SolidWorks 2004 to OneSpace.net conversion
- Solid Edge 15 to OneSpace.net conversion
- Inventor 8 to OneSpace.net conversion



### Ordering Information

OneSpace.net 3D CAD Conversion  
Includes the listed converters. C015

OneSpace.net 3D CAD Conversion Support C015A

OneSpace.net 3D CAD Conversion Subscription C015Y

### Prerequisites

OneSpace.net 2006 C000

For more information, please visit:  
[www.onespace.net](http://www.onespace.net)

## CATIA V4 4.2 to OneSpace.net conversion

Conversion of CATIA® V4 CAD data files to native OneSpace.net format helps you import CATIA V4 models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing CATIA V4 systems

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Modes

The following CATIA file types can be directly checked into the project workspace for conversion to OneSpace.net native .pkg format

- CATIA V4 native .model files
- CATIA V4 export format (.exp files)

Export from CATIA V4

- The conversion product contains a plug-in for the CATIA V4 CAD system
- This plug-in uses the CATIA V4 system capabilities to export loaded models and sessions with supreme quality
- The resulting .anf file can be checked into project workspace for conversion to OneSpace.net native .pkg format

#### Supported Entities

- Detail/ditto structure
- Exact solid, surface, wire frame
- Pipes (converted to solid models)
- Non-geometric entities (color, 3D text)

#### Supported Versions

- CATIA V4 4.2.0 – 4.2.x



#### System Requirements

Runs on the same platforms as OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

CATIA V4 4.2 conversion plug-ins are supported on the following platforms:

- AIX® 4.3.3
- HP-UX® 11.00/11.i
- Solaris 8™

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## Unigraphics NX2 to OneSpace.net conversion

Conversion of Unigraphics® CAD data files to native OneSpace.net format helps you import Unigraphics models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing Unigraphics systems

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Modes

The following Unigraphics Parasolid file types can be directly checked into the project workspace for conversion to OneSpace.net native .pkg format

- Parasolid ASCII text format (.xmt\_txt) files
- Parasolid neutral binary format (.xmt\_bin) files

Export from Unigraphics

- The conversion product contains a plug-in for the Unigraphics CAD system
- This plug-in uses the Unigraphics system capabilities to export loaded models and sessions with supreme quality
- The resulting .anf file can be checked into project workspace for conversion to OneSpace.net native .pkg format

#### Supported Entities

- Parts and assemblies (assemblies in .anf export mode)
- Surfaces (trimmed and geometry)
- Curves
- GD&T annotations

#### Supported Versions

- Unigraphics NX1
- Unigraphics NX2



#### System Requirements

Runs on the same platforms as OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

Unigraphics NX2 conversion plug-ins are supported on the following platforms:

- AIX® 4.3.2 (Unigraphics 18)
- HP-UX® 11.00/11.i
- Solaris 8™
- Windows NT® 4.0
- Windows® XP professional

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## Pro/E Wildfire to OneSpace.net conversion

Conversion of Pro/ENGINEER® CAD data files to native OneSpace.net format helps you import Pro/ENGINEER models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing Pro/ENGINEER systems.

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Export from Pro/ENGINEER

- The conversion product contains a plug-in for the Pro/ENGINEER CAD system
- This plug-in uses the Pro/ENGINEER system capabilities to export loaded models and sessions with supreme quality
- The resulting .anf file can be checked into project workspace for conversion to OneSpace.net native .pkg format

#### Supported Entities

- Parts and assemblies
- Quilts (open shells)
- Surfaces (trimmed and geometry)
- Curves

#### Supported Versions

- Pro/ENGINEER 2001
- Pro/ENGINEER Wildfire 1.0



#### System Requirements

Runs on the same platforms as OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

Pro/E Wildfire conversion plug-ins are supported on the following platforms:

- AIX® 4.3.3
- HP-UX® 11.00/11.i
- Solaris 8™
- Windows NT® 4.0
- Windows® 2000
- Windows® XP professional

For more information, please visit:

[www.onespace.net](http://www.onespace.net)

## I-DEAS MS10 to OneSpace.net conversion

Conversion of I-DEAS® CAD data files to native OneSpace.net format helps you import I-DEAS models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing I-DEAS systems

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Export from I-DEAS

- The conversion product contains a plug-in for the I-DEAS CAD system
- This plug-in uses the I-DEAS system capabilities to export loaded models and sessions with supreme quality
- The resulting .anf file can be checked into project workspace for conversion to OneSpace.net native .pkg format

#### Supported Entities

- Parts and assemblies
- Surfaces (trimmed and geometry)
- Curves
- 3D dimensions

#### Supported Versions

- I-DEAS MS9
- I-DEAS MS10



#### System Requirements

Runs on the same platforms as OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

I-DEAS MS10 conversion plug-ins are supported on the following platforms:

- AIX® 4.3.3
- HP-UX® 11.00/11.i
- Solaris 8™
- Windows NT® 4.0 (MS9)
- Windows® 2000
- Windows® XP professional (MS10)

For more information, please visit:

[www.onespace.net](http://www.onespace.net)

## SolidWorks 2004 to OneSpace.net conversion

Conversion of SolidWorks® Parasolid® files to native OneSpace.net format helps you import SolidWorks models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing SolidWorks systems

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Supported File Types

The following Parasolid files types can be directly checked into the project workspace for conversion to OneSpace.net native .pkg format

- Parasolid ASCII text format (.x\_t) files
- Parasolid neutral binary format (.x\_b) files

#### Supported Entities

- Part structures
- Bodies
- Surfaces

#### Supported Versions

- All SolidWorks versions up to and including 2004 based on Parasolid 7.0 through 15.0



#### System Requirements

Runs on the same platforms as OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

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## Solid Edge 15 to OneSpace.net conversion

Conversion of Solid Edge® Parasolid® files to native OneSpace.net format helps you import Solid Edge models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing Solid Edge systems.

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Supported File Types

The following Parasolid files types can be directly checked into the project workspace for conversion to OneSpace.net native .pkg format

- Parasolid ASCII text format (.x\_t) files
- Parasolid neutral binary format (.x\_b) files

#### Supported Entities

- Part structures
- Bodies
- Surfaces

#### Supported Versions

- All Solid Edge versions up to and including 15 based on Parasolid 7.0 through 15.0



#### System Requirements

Runs on the same platforms as

OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

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## Inventor 8 to OneSpace.net conversion

Conversion of Inventor® files to native OneSpace.net format helps you import Inventor models into OneSpace.net model explorer for viewing, inspection, measurement, and modification of accurate 3D models

### Product Features

#### Native CAD Data Import

- Supports collaborative product development with OneSpace.net together with existing Inventor systems.

#### Benefits

- Leverages designs for single parts or complete products into OneSpace.net
- Allows conversion of files ahead of time with batch mode so they are prepared for fast loading when needed
- Provides model import quality superior to STEP or IGES standard interfaces

#### Technology

- Respects the individual properties and differences of source and destination system
- Combines in-depth knowledge of CAD systems and translation of CAD models with CoCreate's unique kernel technologies and Dynamic Modeling to achieve best results

#### CAD Conversion

Simple and intuitive process

- Upload files to project workspace
- Request conversion to native OneSpace .pkg format
- See conversion status information with a click on the info icon
- Receive automatic notice and status report on completion
- Open converted files from project workspace for convenient use
- Load immediately into OneSpace.net model explorer to view, inspect, measure, annotate, and modify

#### Export from Inventor

- The conversion product contains a plug-in for the Inventor CAD system
- This plug-in uses the Inventor system capabilities to export loaded models and sessions with supreme quality
- The resulting .anf file can be checked into project workspace for conversion to OneSpace.net native .pkg format

#### Supported Entities

- Part structures
- Bodies
- Surfaces

#### Supported Versions

- Autodesk Inventor® 8
- Autodesk Inventor® 9



#### System Requirements

Runs on the same platforms as OneSpace.net 2006:

- Windows® 2000
- Windows® XP professional

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