

# I-DEAS® Freeform Data Translators/Databridges

*for exchanging data between I-DEAS Freeform applications and other CAD applications*

## Data Translators

I-DEAS Freeform products can import and export data in a wide variety of formats. This makes it easy to incorporate I-DEAS Freeform products into your existing CAD/CAM/CAE environment.

The following standard formats are supported:

- Native I-DEAS Freeform (.imw)
- IGES
- ASCII/Labeled ASCII
- DXF
- Raw Data
- STL
- VDA-FS DATA
- VRML
- Wavefront (OBJ)

To facilitate the integration of the I-DEAS Freeform products with the many hardware devices available for data collection, the following formats are also provided:

- Binary ATOS-GOM
- Breukmann
- CLI
- Cubital Facet List (CFL)
- Cyberware
- Daimler-Benz
- Digibotics
- EOIS
- EOS EOSscan
- GM-DES
- Hymarc Hyscan
- ISO G-Code (Lemoine)
- Kreon ASCII
- Kreon Binary
- Kreon Gridded
- Medar
- Nastran
- Perceptron Type3
- Romer
- Sharnoa
- SLC
- Steinbichler
- Stratasys

## Databridges

I-DEAS Freeform provides optional Databridges to allow easier exchange of data between leading CAD systems and the native I-DEAS Freeform file format. These interfaces remove many of the potential errors caused by different interpretations of other standard file formats by providing tuned, direct data exchange.

## I-DEAS Freeform/CATIA

This databridge provides an easy-to-use method to exchange data using native CATIA “.model” and “.exp” files. By running independently of the CATIA installation, data exchange is more flexible than ever. Supported entities include:

- surfaces
- ESOL
- curves
- labeled points (to IMW format only)

### Platforms Supported

The I-DEAS Freeform/CATIA Bi-directional Databridge is available for SGI, SUN, HP and IGM UNIX platforms, as well as Windows NT and 95/98.

## I-DEAS Freeform/Unigraphics

This databridge provides an easy-to-use method to exchange data using the Unigraphics Parasolids Transmit file “.xmt\_txt”. By running independently of the Unigraphics installation, data exchange is more flexible than ever. Surfaces are translated with this databridge.

### Platforms Supported

The I-DEAS Freeform/Unigraphics Bi-directional databridge is available for SGI, SUN, HP and IBM UNIX platforms, as well as Windows NT and 95/98.

## I-DEAS Freeform/Pro/ENGINEER

This databridge provides an easy-to-use method for reading and writing I-DEAS Freeform “.imw” files from within the Pro/ENGINEER product. By adding menus into the user’s existing Pro/E installation and using Pro/E open architecture, the I-DEAS Freeform file can be created and read. Surfaces and Datum curves are supported with the databridge.

### Platforms Supported

The I-DEAS Freeform/Pro/ENGINEER Bi-directional Databridge is available for SGI, SUN, HP, and IBM UNIX platforms, as well as Windows NT.

## Prerequisite

None

## For More Information

For more information, contact your local SDRC representative or call 1-800-848-7372.