

# ICEM Surf Direct-Interfaces

Direct Interfaces can translate CAD data out of the sending system directly into the data format of the receiving system, without the use of a neutral file format.

## Key capabilities

### ICEM CATIA-Interface

The ICEM CATIA Interface enables the direct data transfer between ICEM Surf and CATIA V4.

The following formats are supported for import; V3 CADDATA file, V4 CADDATA, V4 CATEXP, V4 model file.

From within ICEM Surf a CATIA model file or CATEXP file is generated. The module ICEM Surf PLM-Link makes the data version possible also in batch usage with a PLM-system.

### ICEM UNIGRAPHICS-Interface

The ICEM Unigraphics interface enables the bi-directional direct data exchange between ICEM Surf and the CAD/CAM-system Unigraphics. This interface consists of programs that are executed together with Unigraphics Version 15. A Unigraphics model file of Version 15, or an earlier version can be read. The module ICEM Surf PLM-Link also enables data conversion in batch usage with a PLM system.

### ICEM UNIGRAPHICS NX-Interface

The ICEM Unigraphics NX interface enables the bi-directional direct data exchange between ICEM Surf and the CAD/CAM System Unigraphics NX versions 5, 6 & 7.

### ICEM CATIAV5-Interface\*

The ICEM CATIAV5-Interface enables data transfer between ICEM Surf and CATIA V5.

The basis module ICEM Surf Professional also contains interfaces to the following applications:  
3DPaint  
CDRS

\*This interface is provided on separate media and sold directly by our software partner Theorem Solutions Ltd. Please contact your Dassault Systemes sales representative for further information.



## About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 100,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production – SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences. Dassault Systèmes shares are listed on Euronext Paris (#13065, DSY.PA) and Dassault Systèmes ADRs may be traded on the US Over-The-Counter (OTC) market (DASTY).

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