ICEM Surf for Academia

Dassault Systèmes (3DS) provides the academic world with learning opportunities for all ages in the latest 3D and PLM technology; from the early discovery of 3D at kinder garden and middle schools through a more sophisticated PLM knowledge at high-schools and universities.

3DS promotes the advancement of excellence in all aspects of engineering, engineering technology and design while fostering innovative student projects and professors' educational practices. Supporting this practice is the ICEM Surf Academia solutions to enable engineering and design students who want to express their talent and pursue their professional journey in high end Class A Surface modeling techniques

KEY CAPABILITIES

The ICEM Surf portfolio of products is often described as the reference system for the creation of Class-A surfaces, with ICEM Surf for Academia the power of this advanced Class A modeling solution is brought to teachers and their students. Based on the same components used by industry professionals, ICEM Surf for Academia supports this specialized domain in the development of high end quality freeform surface creation.
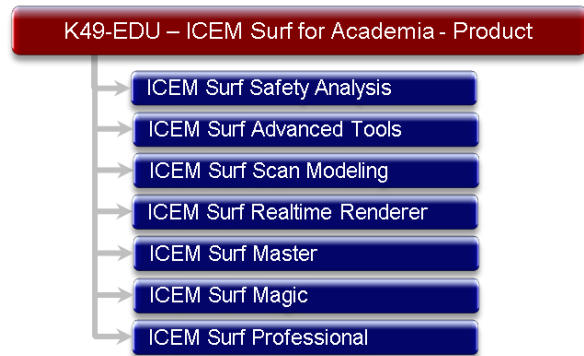
ICEM Surf for Academia includes the following products from the ICEM Surf portfolio:

ICEM Surf Professional:

The base module for the creation and modification of free-form surfaces. In a very short time you can model components with surfaces that are doubly curved and smooth at the same time.

ICEM Surf Master:

Offering Global Modeling tools such as Filleting, Blending, Overcrowning etc.

K49-EDU – ICEM Surf for Academia - Product
- ICEM Surf Safety Analysis
- ICEM Surf Advanced Tools
- ICEM Surf Scan Modeling
- ICEM Surf Realtime Renderer
- ICEM Surf Master
- ICEM Surf Magic
- ICEM Surf Professional

ICEM Surf Magic

Provides additional tools for surface construction, and makes global dynamic design and modelling of complex surface models possible.

ICEM Surf Realtime Rendering

Provides an advanced set of rendering tools that allow the designer to generate a photo-realistic representation of the CAD model.

ICEM Surf Scan Modelling:

Tools are provided to enable the designer to directly, locally or globally, model point clouds or facet data used for automatic quick surface creation.

ICEM Surf Advanced Tools

Offers more advanced and industry specific tools to create Accelerated Surfaces, Advanced filleting, Gaps, and advanced analysis tools.

ICEM Surf Safety Analysis

Developed primarily for safety studies in the automotive industry to detect edges and corners on a 3D model that may cause injuries.

ICEM Surf Student Edition - (K49-EDU)

Offering a subset of products from the ICEM Surf portfolio,
ICEM Surf for Academia is designed to support Universities
and Design Schools, under a single product license.
ICEM Surf for Academia is permissible for education use only
and data exchange operations are limited to a subset of the
full production solution.

Licensing:

- Available only under DSLS
- Available only as Concurrent

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Dassault Systèmes, the **3DEXPERIENCE®** Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit **www.3ds.com**.

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Americas	Europe/Middle East/Africa	Asia-Pacific
Dassault Systèmes	Dassault Systèmes	Dassault Systèmes K.K.
175 Wyman Street	10, rue Marcel Dassault	ThinkPark Tower
Waltham, Massachusetts	CS 40501	2-1-1 Osaki, Shinagawa-ku,
02451-1223	78946 Vélizy-Villacoublay Cedex	Tokyo 141-6020
USA	France	Japan