

intrinSIM

CONNECTING WORLDWIDE BUSINESS & TECHNOLOGY

January 2016

Upcoming Events

[ASSESS Congress 2016](#)

January 20-22, 2016
Potomac, MD, USA

[SOLIDWORKS World 2016](#)

January 31 -
February 3, 2016
Dallas, TX, USA

[COFES 2016](#)

April 7-10, 2016
Scottsdale, AZ, 2016

[Hannover Messe](#)

April 26-29
Hannover, Germany

[NAFEMS DACH 2016](#)

April 27-29
Bramberg, Germany

[Automotive Simulation World](#)

2016 is upon us and off to an exciting start.

2016 starts for intrinSIM with the [ASSESS 2016 Congress](#), the first congress on Analysis, Simulation, and Systems Engineering Software Strategies to guide and influence software development and strategies to enable expanding the use and benefit of software for model-based analysis, simulation and systems engineering.

We have expanded our [Technology Licensing](#) portfolio with the addition of the [C3D Kernel](#) technologies from C3D Labs. With the addition of this technology intrinSIM can now offer a comprehensive range of embeddable technologies to address a broad range of the needs of engineering software developers. an our [Technology Partners](#) have been busy with new releases.

We have also expanded our [Technology Distribution](#) portfolio to include [simTOL](#) for fast and reliable statistical tolerance analyses from casim and [3D ViewStation](#) a powerful 3D- and 2D-Viewer for the whole enterprise from Kisters. We are actively looking for resellers of these technologies as well as [CrossCAD/Plg](#), [CrossManager](#), [EASA](#) and [VCollab](#) products.

Our [Go-To-Market](#) services activities nearly doubled in

Congress

June 7-8, 2016
Munich, Germany

NAFEMS 2016

June 7-9, 2016
Seattle, WA, USA

Join Our List

**intrinSIM
Services and
Products**

**Go-To-Market
Services**

Licensing

Distribution

Investment

Market Data

About Us

2015 and are off to a great start for 2016 with a good chance to double again.

We look forward to an exciting 2016 for intrinSIM, its partners, and its customers.

C3D Labs

C3D Labs Partners with intrinSIM to Bring the C3D Kernel to Worldwide Markets

C3D Labs and intrinSIM announce signing of definitive agreement to add C3D Kernel and related modules to intrinSIM's portfolio of Embeddable Technologies for Engineering Applications. intrinSIM will partner with C3D Labs to advance business development and licensing of the C3D Kernel technology on a worldwide basis.



C3D Labs

C3D Kernel is a C++/C# programming toolkit dedicated to today's 3D Modeling requirements with special focus on enabling small and medium sized software development teams to efficiently and effectively develop 3D products.

[Learn more...](#)

Datakit

GF Machining Solutions and Datakit combine technologies to facilitate use of CAD formats

In order to match GF Machining Solutions' vision consisting of providing a complete, reliable, and efficient solution from the preparation phase through to the machining phase, GF Machining Solutions and Datakit are combining their technologies to allow simplified preparation for machining with irreproachable quality of execution.

New CAD Imports for Open Cascade

Datakit has developed two new plug-ins for Open Cascade.

Rhino 3D to Open Cascade:

- Enables accurate and convenient 3D CAD data transfer from Rhino to OpenCascade.
- Does NOT require a license of Rhinoceros.
- Provides a function to be called (C++) in an OpenCascade based application.
- Converts CAD files :*.3dm.
- Gets solid, surfacic, wireframe models, assemblies of them.
- Access to graphic attributes (colors, layers, visibility) and names of items.
- supports Rhino : V1 to V5 and OpenCascade : 6.2.0 to 6.9.0.

DWG / DXF 3D TO OPEN CASCADE:

- Enables accurate and convenient 3D CAD data transfer from DWG / DXF to OpenCascade.
- Does NOT require a license of Autocad.
- Provides a function to be called (C++) in an OpenCascade based application.
- Converts CAD files :*.dwg, *.dxf.
- Gets solid, surfacic, wireframe models, assemblies of them.
- Access to graphic attributes (colors, layers, visibility) and names of items.
- Supports Dwg / Dxf: 2.5 to 2013 and OpenCascade : 6.2.0 to 6.9.0

Prima Power uses Datakit technology for 3D CAD data import

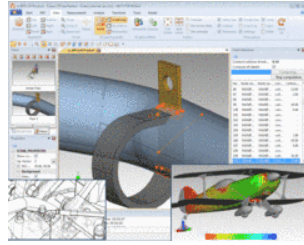
The recent release of Prima Power's NC Express e3 CAM software leverages Datakit technology for 3D CAD model interoperability.

Prima Power has licensed a broad range of import formats from Datakit to support the need to get 3D data into NC Express e3 seamlessly.

[Learn more...](#)

Kisters

Visualize & Analyze Large 3D CAD Models: KISTERS 3DViewStationV2015.1



KISTERS announces release 2015.1 of 3DViewStation. The model tree was replaced in order to accelerate selections in extremely large assemblies, improving filtering and isolation of large assemblies.

There were also enhancements in the area of analysis functions:

- A wall thickness analysis displaying color gradation based on the ray method has been added.
- The calculation of volume and surface will no longer be performed during loading, but is accessible via a menu item.
- The presentation of results from the clash detection has been improved.
- The SVG 2D-vector export of hidden-line removed data has been enhanced.
- A minimum bounding box has been added.
- PDF Export has been enriched.
- ISO-like dimensioning has been enhanced.
- A new XML-based API has been added, available for all products: Desktop, ActiveX, and WebViewer.

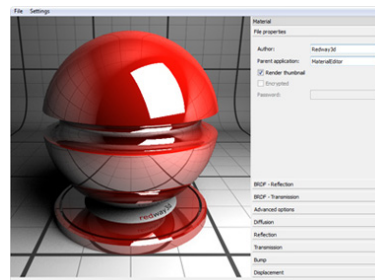
[Learn more...](#)

REDWAY3D

REDWAY3D Releases REDsdk 4.1

REDWAY3D is pleased to announce the release of REDsdk 4.1. Included in this release is:

- Addition of “realistic material” with conservation of the light energy.



- Windows 10 compatibility.
- Import expansion to support FBX, OBJ, DAE, and DXF file formats.
- Next generation on-line documentation to reduce the integration time of REDsdk and boost productivity.

[Learn more...](#)

Comet Solutions

Comet Solutions and Front End Analytics Announce Partnership

Comet Solutions, Inc. announces a reseller partnership with Front End Analytics (FEA). Under the agreement, FEA will distribute Comet's suite of Simulation Application (SimApps™) solutions as an independent value added reseller.

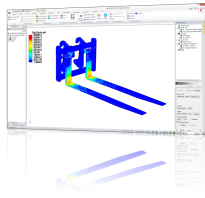
Comet Announces New Cloud-Based Gearbox Durability SimApp

Comet Solutions, Inc. announces a program in support of Gearbox design and manufacturing. The Comet Gearbox solution, consisting of a suite of solution-specific Gearbox SimApps, will provide automated processes integrating the broad spectrum of tools frequently used throughout Gearbox development: CAD, FEA, multibody dynamics, gear/bearing simulation, and CFD in order to predict and optimize performance in the areas of acoustics/vibration/dynamics, durability/reliability, efficiency, and for management of cost and weight.



IronCAD

IronCAD Releases Updated Integrated Analysis



In the latest release of Multi-Physics for IronCAD, fluids has been enabled and is fully coupled with stress, thermal, and electrical physics for true multi-physics capabilities. The new CFD (Computational Fluid Dynamics) module is based on the newest advanced

Optimal Least-Square formulation with a velocity-vorticity-pressure equal order/convergence formulation.

IronCAD customers can benefit from a more convenient analysis interface which employs a contour display slide bar to dynamically vary the contour display to search for peak results, and a new streamline slide bar easily controls the streamline density interactively to trace heat flow, flow line, or any user specified components to easily visualize the physics.

UberCloud

UberCloud Publishes New Compendium of CAE Cloud Case Studies

UberCloud publishes the third annual Compendium of case studies describing technical computing in the cloud. Like its predecessors in 2013 and 2014, this year's edition draws from a select group of projects undertaken as part of the UberCloud Experiment. These case studies are about aerodynamics optimizations, coronary artery flow, aircraft wing fluid structure interaction, heat transfer on thermoplastic olefins, microelectronic packaging, wind turbine aerodynamics, frontal car crash, duct elbow optimization, acoustic modelling, and parametric radio frequency heating; to name a few.

[Click here](#) to download the new UberCloud Compendium.

Until next time,

Joe Walsh
CEO
intrinsicSIM



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