15th November 2019

Dear scPOST Customers,

scPOST Version 2020 Release Notes

Software Cradle is proud to announce the release of scPOST Version 2020, a part of the comprehensive suite of virtual product development from MSC Software.
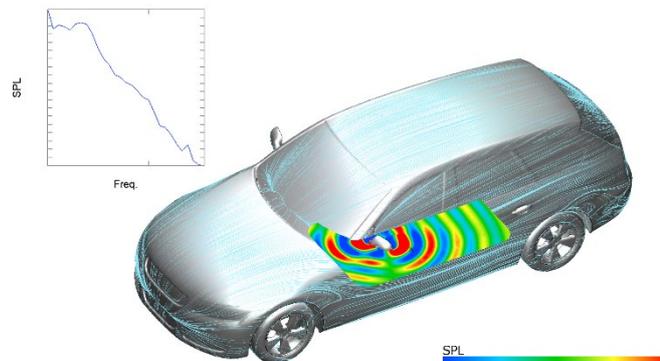
Below is the detail of what's new to scPOST. For more information, visit our Users Page.

We trust you are now familiar with your software package and the supporting aids and services available to you and thank you for the investment you have made in our virtual product development from MSC Software.

1. Enhancement for Solver outputs

■ Actran

A complex data file(*.h5) of the analysis result from Actran can be imported. Fluid and sound fields can be visualized simultaneously during fluid-acoustic coupled analysis. Series of graphs indicating sound pressure level and such can be displayed.

Propagation of acoustic wave

■ Adams

Adams Solver Dataset (.adm) and Adams Result (.res) files can be imported. Fluid field and motion can be visualized simultaneously during fluid-motion coupled analysis.

■ Marc

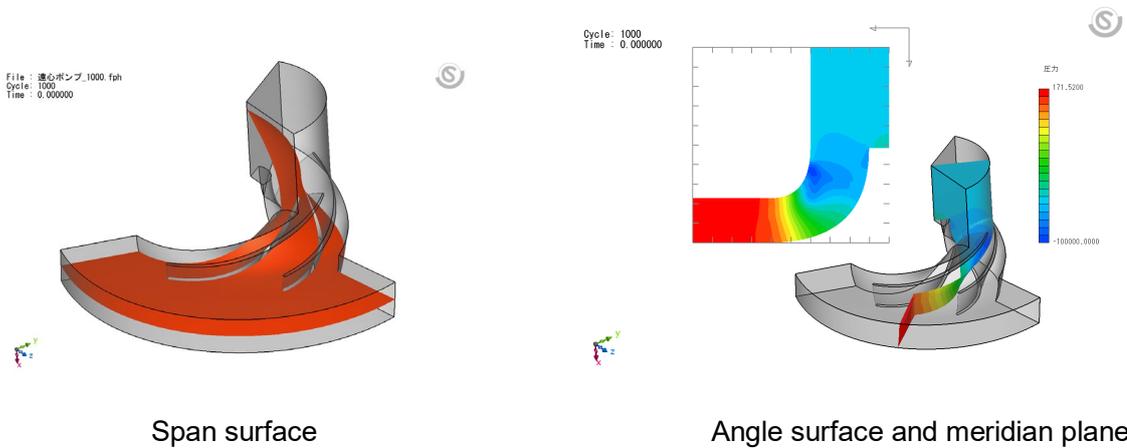Support for mid-side nodes of element.

■ Nastran

Support for multiple input and result domains in one file.

Support for pyramid elements in MSC Nastran 2019 (nas, bdf, dat).

2. Enhanced Visualization Features

■ **Enhanced turbomachinery object**

Span and meridian planes required for turbomachinery design can be visualized. Not only the results from Cradle products but also from unstructured mesh solver can be imported to scPOST.

Span surface   Angle surface and meridian plane
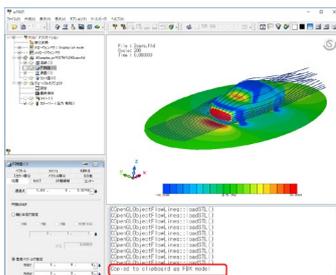
■ **Ray object**

Visualization focusing on light can done when using lamp feature implemented in scFLOW and scSTREAM.
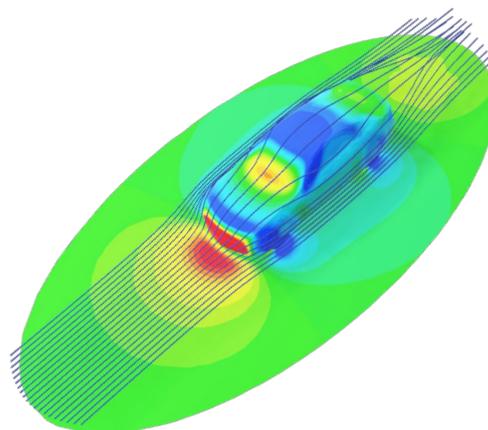

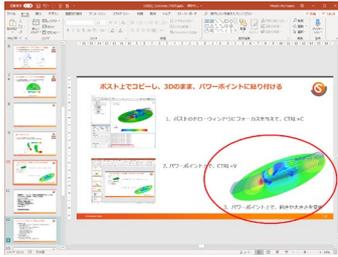Visualization of automotive headlamp rays

3. **Enhanced Output Feature**

The displayed object in scPOST can be copied & pasted directly into Microsoft products including PowerPoint. The orientation and size of the object can be changed in that application.

1. CTRL+C in scPOST

3. Control the orientation and size in PowerPoint

(Drag the icon displayed in edit mode)

2. CTRL+V in PowerPoint

If there are any questions, please contact Cradle or MSC Software Customer Support or your local representative for assistance.

Inquiry

For any inquiries regarding this notice, please contact us at:

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