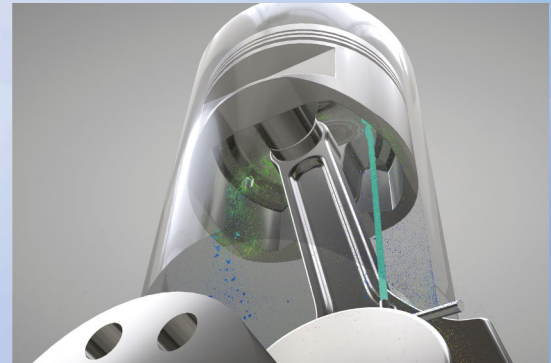




SIMUNIMA ver3

SIMUNIMA is software that converts CAE analysis result files into a file format that can be input into CG editing software. It enables efficient visualization using CAE analysis results, high-quality rendering movies, sharing of 3D views of large-scale analysis results, and XR content development.



Optimization and one-shot conversion of analysis result data

The conversion data is lightened by reducing particle (point) data and surface polygons and specifying the required conversion range. Everything is easily configured with the GUI, and motion data is automatically applied to the target object at the time of conversion, eliminating the time and effort required for configuration.

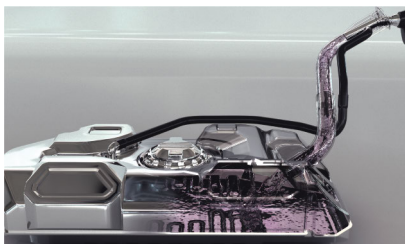
Realize photorealistic visualization by the analysts themselves

SIMUNIMA for Unity enables easy data conversion, rendering, and content output using Unity. It automatically converts and reads data, sets up the camera, lighting, timeline, and other scene settings, and allows you to select textures from a pre-prepared library of basic materials. You can easily create CG-rendered videos and interactively manipulatable application output without any CG or content editing knowledge. Note: A unity license must be purchased.

Facilitate visualization and XR development using CAE analysis results

Visualization Video

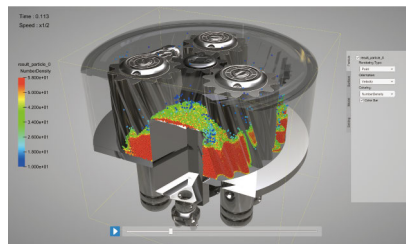
Create high-quality, photo-realistic videos to effectively promote your products and technologies on the web, SNS, papers, presentations, events, and exhibitions.



CG rendering of Particleworks analysis

3D viewer/application

Output from SIMUNIMA for Unity in desktop application format to create an interactive 3D viewer. Sharing analysis results in 3D contributes to business efficiency.



Creating an interactive 3D viewer

XR Content/System Development

It will be possible to expand into XR (VR/AR/MR) content and digital twins, such as VR content for disaster prevention, collaboration systems for remote sites, and simulators for skill evaluation.



Landslide analysis VR contents

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