



KOMVOS

**The interactive console for
browsing, visualizing and handling
all the CAE data**

“It’s really the point where data meet with their stakeholders in the context of simulation”

KOMVOS - SDM CONSOLE is an innovative Simulation Data Management platform for the interactive browsing, visualization and handling of all data related to CAE analysis, from PDM extractions to simulation runs, key results and reports. With user-friendly and intuitive interface, KOMVOS makes it possible to visualize the CAE models, get information about them and initiate data processing tasks.

Being flexible and adaptable, it can be integrated in all CAE environments since it performs equally well with all CAE data management systems. KOMVOS offers a scalable solution ranging from individual engineer to corporate level. This solution serves the function of a powerful front end for data search, navigation and collaboration.

Benefits

- No expertise needed
- Powerful model browsing and visualization
- Direct communication with any data management back-end
- Fully customizable
- Create statistics and quick report
- View simulation results

Achieve seamless data flow

Interactively browse, visualize and handle all the CAE data, in a flexible and adaptable manner that fits to your environment.

Hold in hands the front end for data search, navigation and collaboration

KOMVOS hosts all necessary data processes plugins and serves as a powerful front end for data search, navigation, and information on meta data. It deploys a friendly user interface that integrates a powerful 3D-viewer, and single click actions execution, such as running a batch mesh.

Effortless triggering of actions

KOMVOS makes the execution of CAE tasks effortless for even non expert users. All the available functionality is easily accessible and actions, such as the creation of a crash mesh representation can be triggered with a simple click.

Simple CAE structure creation

With KOMVOS, users can create the CAE structure from a CAD structure. Having available at the same time the tree structure and the 3d model in the embedded viewer, a fast check of the CAE model contents can be made.

Model checking

Users are able to compare sub-systems and easily identify the differences between them. The model in the viewer can be colored according to the status of the parts, offering a quick overview of the progress and model quality. Additionally, KOMVOS offers the capability to color the model according to the material of the parts so that any wrong material assignment can be easily identified.

Rapid report generation

KOMVOS takes advantage of all reposing capabilities of META. In this way, reports that capture the current status of the model can be created on the fly, saved for future

reference, and shared with team members.

Sharing Information

With a built-in mechanism to send emails, the users can easily share information, images, reports, progress updates without changing tools, in a standardized manner following the "communication protocol" of the organization.

Results review and comparison

KOMVOS can be used to visualize and compare existing key results and reports, with its embedded viewer. For live post processing, KOMVOS can launch META with the proper configuration.



