

## New software version release announcement August 6, 2008

# BETA CAE Systems S.A.

announces the release of **ANSA v12.1.5**

with advanced new features, enhancements and corrections.

### Some of the advanced new features are:

**ANSA Data Management (ANSA DM):** Improved versions comparison tool.

**Task Manager:** Items visibility control, New Task item Solver Common LoadCase FE model, enhancements in Sub-model Templates, options for Saving/Deleting Tasks, Save Model, and several improvements in Checks, Gravity, Dummy, Controls, Contacts etc. task items.

**Connections Manager:** New generated elements for Seamweld lines, Improved application of seamwelds and adhesive lines in T-junction assembly, extra option for CBAR and CBEAM options for LS-DYNA spotweld, option for Bolt application on single part is available.

**Batch Meshing:** new defeaturing option for fillets handling.

**Part Manager:** List option for the associated Connectors and GEB\_xx entities, enhancements in Compare, Change representation and Replace options.

**Pre-processing Decks:** New tool for Pendulum impactor positioning, Improved flanges recognition algorithm, Named Nodes visibility handling, new options in renumber tool, Extended functionality for Model Check applications, Deck report mass information improvement regarding mass scaling (*pam-crash, ls-dyna*).

**LS-DYNA:** extra options for \*CONTACT keyword supported.

**ABAQUS:** Support of 6.7 and 6.8 keywords and controls, enhancement in auto creation of Contact pairs, extended support of \*STEP and \*CONTROL options .

**PAM-CRASH:** Improvements in Metric file export, PLINK creation options, New materials support, enhancements in Checks operations.

**MEDINA:** enhanced support of connectors in Input/Output.

**CAD-data translators:** NX 64bit translator for Windows 64bit platforms (XP & Vista) .

**Scripting:** new script built-in commands

**Documentation:** updated pdf documents, including User's Guide, tutorials, reference manuals.

**Licensing:** repeatable Retry option is allowed when the communication with the server is lost, so ANSA remains open until the needed credits become available and activate it.

**Numerous known issues resolved** (e.g. erroneous reading of LS-DYNA MAT\_83, corrupted databases generation due to transformation of volume entities)

For details about the new software features, enhancements and corrections please refer to the **Release Notes** pdf document that is available with the software.

### Compatibility issues:

All ANSA versions starting from ANSA v12.1.5 will require the presence of **beta\_lm\_tools v6.x. license manager**.

Earlier versions of beta\_lm\_tools will not be able to serve any client request for future versions of BETA CAE Systems S.A. products.

The latest beta\_lm\_tools is v6.1

Our customers may download the new software from their account in our server.

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