

## New software version release announcement

October 1, 2009

### **BETA CAE Systems S.A. announces the release of ANSA v13.0.2 with important enhancements and code corrections.**

#### Main new features introduced

- **CAD data translators:** Supported versions upgrade: NX-6 translation. JTOpen toolkit v.5
- **Shortcuts:** new option to scroll within long menu. *Feature selection:* activate an option and/or switch between options.
- **Task Manager:** *Check Fastener Eccentricity (Abaqus).*
- **Data Management (ANSA DM) :** *Save representation* dialog box new options.
- **Assembly & Connections Manager:**
  - o New options (Edge selection) in manual creation of connections. New options for created connections: Bolt, Spider2, CWELD.
  - o New representations: Adhesive lines> Tie Contact. Adhesive faces> RBE3. Seam lines> SHell Contact.
- **Batch Mesh Manager:** Chamfer treatment. New options in Holes/Tubes treatment. Fixing of Maximum element length.
- **Topo:** Preview option in middle surface extraction. Additional options and auto-fix for geometry check.
- **Meshing:**
  - o New dialog box for Utilities Parameters regarding application Mode. Improvements and changes in Penetration detection between shells and solids.
  - o Volume map mesh on thin parts.
- **Numerous new supported keywords for all solvers**
- **Safety:**
  - o *FMVSS 201U* : target points detection and generation.
  - o Pedestrian: Reference lines creation based on EuroNCAP and EC regulations, creation and customization of WAD lines, creation of beams along lines.
- **ANSYS:** Pretension section assistant.
- **Optimization:**
  - o *TOSCA structure:* new options and task items (convergence plot, view toscas out).
  - o *NASTRAN SOL200:* support of topology (TOPVAR), topography (BEADVAR), topometry (TOMVAR). *Simulation* functionality to animate shape changes.
- **Scripting:** new script built-in commands.
- **Script collection:** new scripts and updated scripts for better performance have been added.
- **Documentation:** updated pdf documents, including tutorials, reference manuals.

... and many more.

[For more details...](#)

For details about the new software features and enhancements please, refer to the "**ANSA v13.0.2 Release Notes**" pdf document, that can be downloaded separately and that is also accessible through the *Help>ANSA documentation index* menu bar option within ANSA.

%

## Known issues resolved

For details...

For details about the resolved issues, please refer to the "**ANSA v13.0.2 Release Notes**" pdf document, that can be downloaded separately and that is also accessible through the *Help>ANSA documentation index* menu bar option within ANSA.

## Compatibility issues

ANSA files saved by v13.0.2 cannot be opened by earlier software releases.

## Download

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

You may access your account through the Login link at our web site <http://www.beta-cae.gr>

Contact us if you miss your account details.

The [ Public ] link will give you access to the public downloads area.

## Documentation

Additional documentation is packed into the "common" file. While the "common" file is unpacked, you will find an html file that will guide you through the available pdf documents, including the Users Guides and the Release Notes.

###

---

For more details contact:

**BETA CAE Systems S.A.**

Customers Service

Kato Scholari, Thessaloniki

GR-57500, Epanomi

Greece

Tel : +30-2392-021420

Fax : +30-2392-021828

email : [ansa@beta-cae.gr](mailto:ansa@beta-cae.gr)

url : <http://www.beta-cae.gr>