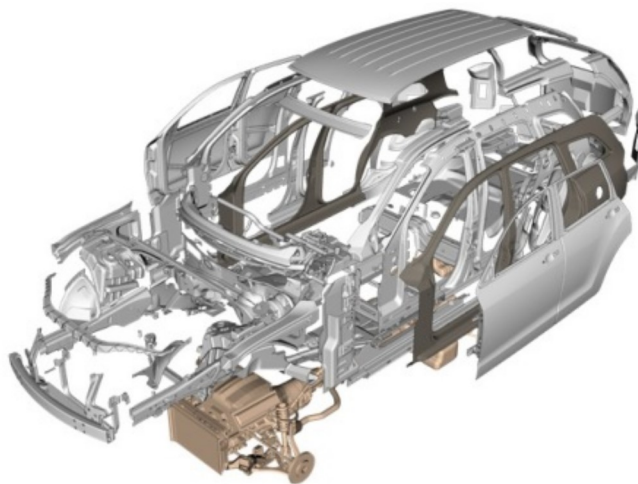


July 3, 2015

BETA CAE Systems announces the release of ANSA & META v15.3.1



About this release

BETA CAE System S.A. announces the release of v15.3.1 of ANSA / META pre- and post- processing suite.

New features have been added and corrections have been made for identified issues.

The most important additions and fixes are listed below:

Contents

[Understanding the Software Release Schedule](#)
[Known issues resolved in ANSA](#)
[New features and known issues resolved in META](#)
[Compatibility and Supported Platforms](#)
[Download](#)

Understanding the Software Release Schedule

The plan

We are committed in delivering improved and enhanced software releases, the soonest possible, in order to meet the requirement of our customers for the continuous improvement of their experience and work. Therefore, we are working in releasing new software versions with code corrections, new software features and enhancements, in regular, frequent intervals.

- A major software version is released every year.

- First point releases, such as v15.1.0, v15.2.0, v15.3.0 and so on, with code corrections but also with additional software features and enhancements are released every three months.

- Second point releases, such as v15.2.1, v15.2.2, v15.2.3 mainly with code corrections only upon their parent first point release, are scheduled on a monthly basis.

Each software release is accompanied by a detailed description of the introduced corrections and/or additions so that our customers can decide whether it is critical to implement this release in their environment.

This release

This release of v15.3.1 implements code corrections on v15.3.0.



Known issues resolved in ANSA

Connection Manager

Bolt-specific options were missing from the Auto Edit Parameters window.

Typing "?" in the TID field of the FE Rep. Settings, while in Clipboard mode could result in unexpected termination.

Volume mesh

Applying the Map function, using 2nd order shell elements on Master and Slave areas, without Round area, could result in the generation of incomplete solid elements.

The user could not move the model, after a "more than one possible Master areas" warning.

NVH Console

Relocate Files: Super Elements might be ignored by the function.

Morph

Files contained a DFM>Align parameter that used a plane target could not be re-opened.

DECKs

NASTRAN: RBE2GS entities would not be affected by the Transform [Copy] function.

LS-DYNA: Definitions of type "- PARAMETER" in card fields, would not be read correctly.

Abaqus: Applying Checks>Massless Nodes in Abaqus deck, when the model contained FASTENERS, could result in unexpected termination.

For more details about the new software features, enhancements and corrections please, refer to the Release Notes document.



New features and known issues resolved in META

New features in META

User Toolbars

The Occupant Safety toolbar supports processing results from Q10 v1.3 dummies.

Known issues resolved in META

Supported interfaces

Loading FEMZIP-compressed LS-DYNA files could lead to unexpected termination.

Loading LS-DYNA files that included the AIRBAG_PARTICLE_ID keyword could lead to unexpected termination.

Loading certain a3db files could lead to unexpected termination.

Nodal Von Mises results were not read from ASCII column files.

General

The animation of streamlines could lead to unexpected termination.

Results from ASCII files were not saved correctly in μ ETA Projects.

Annotations

Creating annotations synchronized with states could cause μ ETA to block.

The editing of report tables could lead to saving corrupted .pptx files.

For more details about the new software features, enhancements and corrections please, refer to the Release Notes document.



Compatibility and Supported Platforms

ANSA files saved by all the first and second point releases of a major version are compatible to each other. New major versions can read files saved by previous ones but not vice versa.

The .metadb files saved with META version 15.3.1 are compatible and can be opened by earlier versions of META.

Support for 32-bit platform has been discontinued for all operating systems.



Download

Where to download from

Customers who are served directly by BETA CAE Systems, or its subsidiaries, may download the new software, examples and documentation from their account on our server. They can access their account through the "user login" link at our web site <https://www.beta-cae.com>

Contact us if you miss your account details. The [PublicDir] link will give you access to the public downloads area.

Customers who are served by a local business agent should contact the local support channel for software distribution details.

What to download

All files required for the installation of this version reside in the folder named "**BETA_CAE_Systems_v15.3.1**" and are dated as of **July 3, 2015**. These files should replace any pre-releases or other files downloaded prior to that date.

The distribution of this version of our pre- and post-processing suite is packaged in one, single, unified installation file, that invokes the respective installer and guides the procedure for the installation of the required components.

For the installation of the software on each platform type, the.sh installer file residing in the folder with respective platform name, for Linux and MacOS or the respective .msi installer file for Windows, 64bit, have to be downloaded.

In addition to the above, optionally, the μ ETA Viewer is available to be downloaded for each supported platform.

The tutorials and the example files reside in the folder named "TUTORIALS". This folder includes the complete package of the tutorials and example files, and a package with only the updated ones.

The Abaqus libraries required for the post-processing of Abaqus .odb files are included in the installation package and can be optionally unpacked.

Earlier software releases are also available in the sub-directory called "old" or in a folder named after the product and version number.

