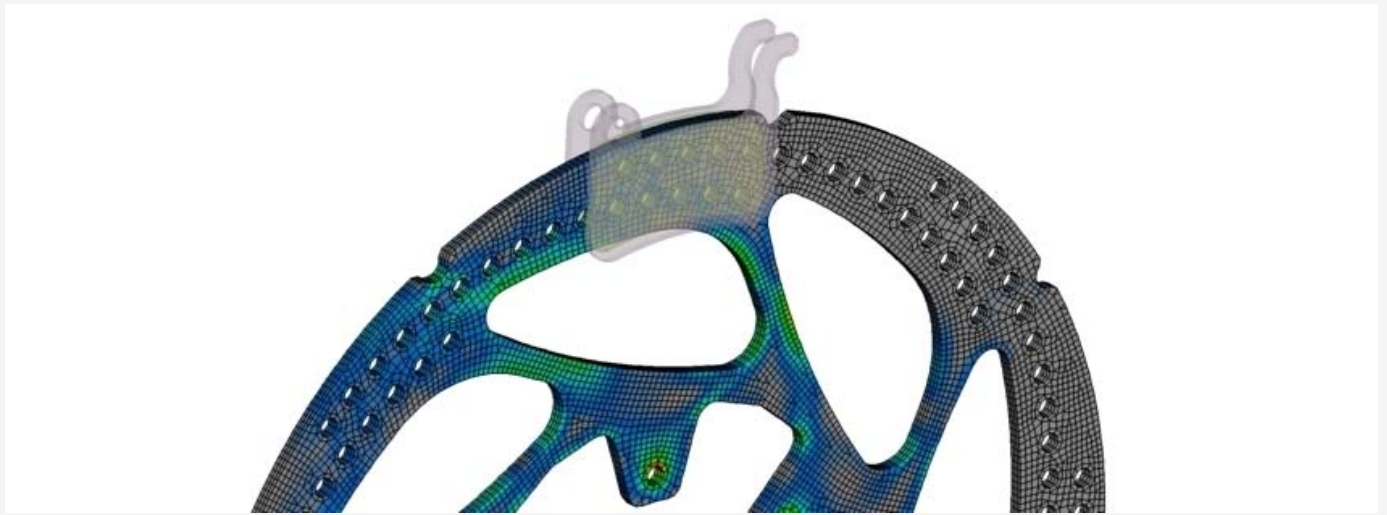


BETA CAE Systems S.A. announces the release of ANSA & μ ETA v14.2.5



About this release

BETA CAE System S.A. announces the release of v14.2.5 of ANSA / μ ETA pre- and post- processing suite.

This maintenance release focuses on the correction of identified issues for the ANSA / μ ETA 14.2x branch and is addressed to those who wish to continue to use the v14.2x branch -and not to upgrade to v15x-, with its issues resolved.

Those corrections have been also propagated to the following releases of the v15x branch.

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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 v14.1.0, v14.2.0 and so on, with code corrections but also with additional software features and enhancements are released every three months.
- Second point releases, such as v14.2.1, v14.2.2, v14.2.3 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 v14.2.5 implements code corrections, to the v14.2.4 release. It belongs to the v14x branch and is not compatible to v15x branch.

The corrections introduced in v14.2.5 were also implemented to the following release of the v15x branch, which will be 15.0.2..



Known issues resolved in ANSA

General

The "Coordinate Systems" options in the F11 window would not be saved in the ANSA defaults file.

Mesh

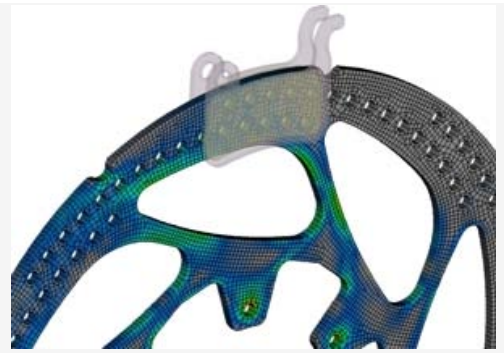
Spacing [Auto CFD]: With certain settings, the perimeter nodes spacing would be applied incorrectly.

Decks

LS-DYNA: When exporting to .key file from versions 14.1.0 to 14.2.4 - from ANSA files created with versions prior to 14.1.0 -, a wrong SFA value on *DEFINE_TABLE keyword would be set.

When applying BOLD with 'Body' options KJOIN R/C or JOINT R/C, it was not possible to select a 2nd hole.

Abaqus: On curves with more than two columns, attempting to edit a point, while in XZ_YZ view, could lead to unexpected termination. For more details about the new software features, enhancements and corrections please, refer to the [Release Notes](#) document.



Known issues resolved in μETA

Loading Results

The performance issue when loading a second model has been fixed.

Decks

LS-DYNA: Strain values would be wrong when the value of NEIPH was other than zero.

For more details about the new software features, enhancements and corrections please, refer to the [Release Notes](#) document.



Compatibility

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 μETA version 14.2.5 are compatible and can be opened by earlier versions of μETA.



Download

Where to download from

Customers who are served directly by BETA CAE Systems S.A. 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 <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. 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_v14.2.5**" and are dated as of **April 14th, 2014**. 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 following files have to be downloaded:

- the .sh installer file residing in the folder with respective platform name, for Linux and MacOS, 32bit or 64bit or the respective .msi installer file for Windows, 32bit or 64bit, and
- the tutorial example files that reside at the top level of the folder of this distribution.
- In addition to the above, optionally, the μETA Viewer is available to be downloaded for each supported platform.

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

Previous software releases can be found in the sub-directory called "old" or in a folder named after the product and version number.

