

December 13

## BETA CAE Systems announces the release of the v19.0.2 of its software suite

EU-NCAP Rating of H3-50 at position 1  
Run: sol2

Body Region	Points
Head	4
Neck	4
Chest	3.22
Femur Right	4
Femur Left	4
Tibia Right	4
Tibia Left	4

NCAP Region	Points
Head-Neck	4
Chest	3.2
Femur	4
Tibia	4
Total Points	15.2



EU-NCAP Rating of Q10 at position 6  
Run: Simulation\_1

NCAP Region	Points
Head	4
Neck	0.44
Chest	1.62
Total	6.06

\*ACP=12.1 = Head neck



### About this release

BETA CAE Systems announces the release of the new ANSA/EPILYSIS/META suite v19.0.2.

In this version new features have been added and corrections have been implemented for identified issues.

The most important enhancements and fixes implemented are listed below.

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### Enhancements and known issues resolved in ANSA

#### Enhancements in ANSA

[Input/ Output](#)

Subsystems and Includes Colours, are now exported to solvers' file format.

[CAD to ANSA Translators](#)

Solver files can now be imported alongside CAD and ANSA files

#### Known issues resolved in ANSA

[CAD to ANSA Translators](#)

In case of unexpected termination, the Parallel worker processes might keep running.

## Connections and Assembly

PIDs might not be associated with the Subsystems when loading the interface representations of Subsystems containing connections defined on the PIDs

## Checks

Penetration [Intersections]: De-penetration would not perform correctly when frozen entities existed or when an entity was selected to Freeze.

## Scripting

When applying the function `base.TransformPart()`, the PID auto offset option would not work.

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

## Enhancements and known issues resolved in META

### Enhancements in META

#### Decks

Additional FPM results `P_hydro`, `P_static-P_hydro`, Static Pressure are now supported from ERF results file.

#### Tabular Handling of Field Data

It is now possible to create sets from existing sets.

#### Pedestrian Toolbar

It is now possible to create an overview annotation image with links and add it in a specific slide of the PPTX report.

It is now possible to create the custom EuroNCAP spreadsheet in a specific slide of the PPTX report.

#### Occupant Injury Criteria Toolbar

It is now possible to add vectorized images in the PPTX report.

### Known issues resolved in META

#### VR

Updating SteamVR to version 1.1.3 or newer would cause the VR feature of META to malfunction.

#### Managing Curve Data

PSD results output from `.binout` files might not be read properly.

#### Report Composer

Unexpected termination might occur when a slide which contained placeholders was duplicated.

#### File Export

Save X-range option was not preserved when saving a curve into UNV format.

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.

META Project files saved from version 19.0.2 are compatible and can be opened by META version 16.0.0 or later. To be readable by META versions earlier than v16.0.0, they have to be saved selecting the option "Version <16.0.0".

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](#).

Contact us if you miss your account details. The Downloads menu items give you access to the public downloads.

Customers who are served by a local business agent should contact the [local support channel](#) 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\_v19.0.2**" and are dated as of **December 13, 2018**. 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, download from the respective folders, the .sh file for Linux or the .msi file for Windows.

In addition to the above, optionally, the META 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.