

## BETA CAE Systems S.A. announces the release of ANSA v13.1.3 with new features and important code corrections

The official software release is comprised by the latest ansa\_v13.1.3 files that reside in the server at the time of this announcement. These replace any pre-releases and files downloaded prior to this date (i.e. April 18th, 2011).

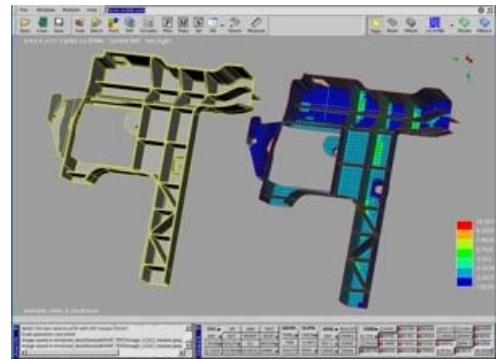
### Main new features introduced

### Known issues resolved

### Compatibility

### Documentation

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### Main new features introduced

- Support of NX 7.5 CAD data translation
- New function to Isolate the surface elements that bound a volume
- Connections Manager: zero length CBUSH element generation for Bolt body
- Enhancements in Renumber, Kinematics and Checking tools
- MORPH: Smooth zones option has been implemented for a smoother transition zone for Nested elements
- Scripting language extensions

and more...

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

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### Known issues resolved

- Displaying stored Locked views malfunction
- Improvements and correction in middle surface extraction by the SKIN function
- QGRAPH drawing mode wrong scaling with the "Palette" option
- Application of GEBs with Numbering rules
- Parts Manager: non-editable part in Icon view mode on Windows platforms
- Connections: improper ids after Remove double
- Instabilities in application of particular FE-repr. in files with high number of solid elements
- Malfunction of Fix Qual on 2nd order solids for Warping criterion
- HexaPoly algorithm on Windows 32bit
- Inaccuracies and instabilities of Hexa Block
- Deck Info: Property NSM improper Mass calculation
- Checks: Connections-Intersect and Massless
- Kinematics: Improper interpretation of imported Abaqus joint types
- FMVSS 201U: Corrected calculation of the target points location
- Handling of Abaqus MPCs and Sets
- Abaqus I/O issues
- LS-DYNA: \*INCLUDE TRANSFORM and \*NODE TRANSFORM improper combination
- Wrong exporting of Initial Velocity Generation
- LS-DYNA: negative values in Material 71
- Pam-Crash: corrections in TCTRL and BAGIN
- ANSYS: wrong interpretation of MPDATA of materials causing instabilities
- PERMAS: corrections in Material database Reading
- MORPH: eliminating the loaded RBE2 defined on set after morphing
- Corrections in Scripting language

and more...

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

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### Compatibility

ANSA files saved by version 13.1.3 can be opened by versions 13.1.2, 13.1.1 and 13.1.0 but not by earlier versions.

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### Documentation

#### Release Notes

For more details about the new software features, enhancements and corrections please, refer to the "ansa\_v13.1.3\_release\_notes" pdf document, that can be downloaded separately. This can be also reached by the "Help>Ansa documentation index" accessed by top menu bar within ANSA.

#### Updated documentation

- ANSA Scripting user's guide
- Scripts Collection Catalogue

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### Download

## Where to download from

Customers who are served directly by BETA CAE Systems SA. may download the new software, examples and documentation from their account in 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

For the installation of the software on each platform type the following are needed:

- the tar file with the respective platform name (e.g. Linux, IBM-AIX etc.), or the respective zip file for Windows and
- the "common" .tar or .zip file
- the "tutorials and examples" .tar or .zip file

Previous software releases can be found in the sub-directory called "old".

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June 1-3, 2011, Thessaloniki, Greece

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