

New software version release announcement

March 30, 2010

BETA CAE Systems S.A. announces the release of ANSA v13.0.4 with important code corrections

The official software release is comprised by the latest files that reside in the server at the time of this announcement.

These replace any pre-releases and files downloaded prior to March 30, 2010.

Main new features introduced

- Selections: nodes selection based on entities (shells, solid facets, etc.)
- GUI Settings: auto-read of gui settings from previous version
- CAD data translators: XTB-rep geometry type is supported in JT-Open translation, control of sets creation based on named entities.
- Batch Mesh Manager: significant improvement in features detection and treatment, major quality improvement in triangular mesh for structural analysis, sharp edges on ribs handling,
- Connections and Assembly: new Search option in 'Holes' for Connectors, Check spider's positioning
- Safety: Pedestrian protection: the 'EU Phase 2' and 'EuroNCAP v5' are supported
- Script collection: new scripts and updated scripts for better performance have been added.

... and many more.

[For more details...](#)

For details about the new software features and enhancements please, refer to the "**ANSA v13.0.4 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.

Numerous known issues resolved

- Entity names: Loosing of names in big ansa files with 32bit version on Windows
- Reading of XML files
- JT translation and ANSA_TRANSL
- CAD translation: Reading of attributes/parameters
- Read/Write connection files
- Connections: Spider2 realization improvements
- Batch Mesh: fillets and Holes treatment
- Mesh: Reconstruct and Reshape on 2nd order mesh
- Penetration: User-Thickness edge-to-edge depenetration
- Volume mesh: Map and Extrude
- LS-DYNA: sorting of DEFINE_CURVE within DEFINE_TABLE
- Safety: reading of FTSS Abaqus H350 v7.1 and LS-DYNA H350 v7.1 dummies

... and many more.

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Compatibility issues - ATTENTION: product discontinuation -

ANSA files saved by v13.0.4 can be opened by v13.0.3 but cannot be opened by earlier software releases.

The TTF libraries based CAD-data Translators for CATIA v4 and CATIA v5 **are discontinued**.

If the use of these TTF based translators is considered necessary, their latest version of ANSA v13.0.3 should be used.

The latest version of the TTF based CATIA V5 translator that was made available is for CATIA V5-R19.

The above translators are replaced by the Unified CAD-data Translator based on the technology of CoreTechnologie, which will be the only one available with ANSA v13.0.4 and on.

The migration to this translator is recommended for better quality of translation results, for access of the latest CAD systems versions and for better support and maintenance.

This is available for IBM-AIX, SUN Solaris, Mac-OS, Linux 32bit & 64bit, WINDOWS 32bit & 64bit.

From the currently available version, ANSA v13.0.4, and on, the CAD-data translator's GUI executes by default the above Unified CAD-data Translator.

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You may access your 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.

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