

ATHENA for AutoCAD Build 2023.2.0.31636**2023.11.22****ATHENA Complete Build 2023.2.0.31590****2023-12-22****Improvements (for ATHENA Complete only)**

- AutoLISP files can be loaded and AutoLISP functions can be executed. Please refer to the information in the help/documentation.

Error rectification

- When working with imperial units the scaling in the dialog preview was incorrect in some cases. This is now fixed.

ATHENA for AutoCAD Build 2023.1.1.31315**2023-11-24****ATHENA Complete Build 2023.1.1.31296****2023-11-24****Error rectification**

- Pedit connect: Objects with different layers or properties can be connected again to a polyline.
- Display errors in some screw heads in assemblies have been fixed.
- Logikal Interface: Project import has been optimized. As a result, various restrictions have been eliminated and the runtime has also been improved.
- Logikal Interface: Elements that are assigned to a lot can now be imported.
- Incorrect scaling of holes, extrusions and hatches in drawings with inch units has been corrected.
- Application error when converting some profile sheets into a 3D solid fixed.

ATHENA for AutoCAD Build 2023.1.0.31012**2023-10-27****ATHENA Complete Build 2023.1.0.31012****2023-10-27****Error rectification**

- Sections through some infills were positioned incorrectly. This no longer occurs.
- Sheet processing:
 - When copying sheet processing via the clipboard, errors occasionally occurred in folds. This is no longer the case.
 - When outputting 3D models, error messages occasionally appeared in the command line. This issue has been fixed.
 - Preview in the main dialog now shows the complete top view again when executing "Zoom All".
 - Processes may not have been displayed if the Y-displacement was negative. This is no longer the case.
 - Sheet metal sections imported into sheet processing via horizontal or vertical sections rotated by 90° were applied upside down. This works again.

- Incorrect display of folds in sheet developments with a triple fold and butt joint for mitering has been fixed.
- The submenu in the context menu for editing a terminating fold is available again in the "Fold" tab.
- Y-values can again be entered in the "Associative" arrangement type for processes.
- Notches at the edge of a fold are again represented in developments and DXF outputs.
- Free semi-finished products can now be stretched again with AutoCAD.
- In rare cases, system error messages and crashes occurred with 3D models rendered in conceptual visual style. Not any more.
- Standard parts:
 - Changes from a plug with multiple parts to a screw were not implemented in the project browser. They now are again.
 - The 3D preview of some screws was incorrect in the standard part dialog. The display is now correct again.
 - In certain visual styles, the display of the original 3D screw was retained when double-clicked to change the screw to another. This has been corrected.
 - Some manufacturer screws from SPAX were incorrectly displayed. The display is now correct again.
- Leaders, labels and symbols:
 - Multi-line texts can be reinserted via clipboard.
 - The clipboard content was saved to two different storage areas using Ctrl+C and context menu in the leader dialog. This issue has been fixed.
 - The activated dimension style in the leader dialog is converted back to the leader to be changed.
 - With the format setting "Text only", it was not possible to specify a text alignment. This has been corrected.
 - The text has been placed incorrectly with the "Text only" format setting. This no longer occurs.
 - With the Del key, you could remove only one character. To delete another character, you had to click on the text again. Now, you can delete as many characters as you want and as often as you press the Del key.
 - Lines can be merged again using "Backspace" or "Del".
 - Occasionally, leaders are out of position when editing the content. This has been corrected.
 - Mirroring leaders occasionally caused them to jump out of position. This no longer occurs.

- When scalability was switched off, leaders were not created if scalability was explicitly activated in the leader dialog because no scale was checked. Now, the current label scale is automatically activated when scalability is checked.
- Overwriting the label text background color in the leader dialog was occasionally not saved and reset. This is no longer the case.
- The "Project glass overview" command ignored infills in project browser groups. This has been corrected.
- When switching to a variant with sealing without material change, the message "Adopt SYSTEM layer for material" was displayed incorrectly. This issue has been fixed.
- Object snapping on hidden objects with visible dashed edges did not work. This no longer occurs.
- Tables were inserted with wrong scaling in inch drawings. These are again scaled according to the unit.
- When the option "Use ATHENA dimension and label layer" was turned off, it was apparently on again after a restart (worked anyway). This works correctly again.
- In the new dialogs in ATHENA 2023, the Favorites tick boxes were arranged in a different sequence than usual. This has been corrected.
- Object snapping on ATHENA extrusions was snapped in some shaded modes at a different location than the actual model. This now functions correctly.
- Apply arrangement: If multiple processes were affected and switched from "Grid" to "Free distances", specifying more than three distances and confirmed with OK, AutoCAD and ATHENA froze. This no longer occurs.
- Processes like ATHENA extrusions were issued in extracts of bars consisting of sheet metal in an incorrect place. This has been corrected.
- Occasional display problems in the dialog preview for insulation in ATHENA walls no longer exist.
- Some script files generated by ATHENA with the "Create script" command were canceled after the second DWG. The problem no longer exists.
- Adding vertices to ATHENA walls was blocked because it produced unusual results for some colinear walls. Adding via grip context menu is still possible, as a new vertex can be specified instantly.
- If more than one definition dimension was specified for a level group, the first definition dimension was reset when another level was specified as the definition level. This problem has been fixed.

- When drawing a bar as sheet metal (development), in some situations, the symbol for the elevation side was placed incorrectly on the sheet metal section. This no longer occurs.
- In rare cases, the application crashed when changing a standard part as a joining element to another group of a joining element and back again. This no longer occurs.
- Tags with space characters resulted in the suppression of the space character from the second entry in a list extract. Space characters in tags are not allowed, so now they are removed automatically.
- A display problem with assemblies that were not defined with the units set in the drawing has been fixed.
- Assembly editor: Occasional display problem in the dialog preview for drilled holes has been fixed.
- Improved performance when optimizing and purging polylines.
- In rare cases, lists of models of the type tag were not output. Now, lists are generated again in these cases.
- Occasionally, incorrect results were output for projections of assemblies with a slice plane. Now, the projections in these cases fit again.
- In design environments, layers and materials were not loaded when "Create environment" was clicked. Now they are loaded again.
- If an infill with triple glazing was edited and the average layer thickness was changed, the edge spacer did not adjust. The problem has now been remedied.
- Display problems when using an AutoCAD sectional plane with ATHENA 3D bars in shaded mode have been corrected.
- Display errors for assemblies that occurred in the construction mode of associated bar assemblies have been fixed.
- Exchange objects: Material layer changes were not adopted. Now, they are being adjusted again.
- The "Viewport Reset" command had no effect on dimensions when scalability was turned off in ATHENA. This now functions correctly again.
- The output of drilled holes in 3D projections of assemblies, when a screw joint without a name was present in the assembly, is correct again.
- The "Center between two points" object snapping works again for assemblies processed in positioning mode.
- Starting from the fourth copy of an analyzed and assigned 3D model, scattered infills and bars have been removed. The problem no longer exists.

- Stairway command: An entered string height for a stairway was not accepted. Now, it is being implemented again.
- Inconsistencies in the labeling of DIN/EN/ISO standard parts have been corrected.
- Design environment: Libraries are unloaded again when switching to another design environment, and libraries are NOT marked as "Permanent".
- Occasionally, it crashed when you had applied arrangements and wanted to edit processes in their position in the drawing. This issue has been fixed.
- The weight information is displayed again when you have assigned a material to a solid and added it to the project browser as a position.
- Occasionally, an existing project was not found in ERPlus for a material request. This now functions correctly again.
- Some IFC files could not be imported with "Import IFC". Crashes and error messages occurred. This problem has been fixed.
- The parts of the new manufacturer Rawlplug have been updated.
- The length of the membrane is now updated again when a vertex is added via the grip menu.
- New auxiliary lines are again drawn in the foreground of the drawing objects.
- Facade element: There was an occasional crash when executing vertical sections. This no longer occurs.
- Dimension object works properly again for bar divisions.
- Imperial Units (feet/inches):
 - Drilled holes are now labeled in inches when the drawing units are set in inches.
 - When changing a drawing from "mm" to "inches", metric units were still displayed in the object properties window of ATHENA. Now, the units are correct again when converting.
 - Sealing cords are converted back to the correct size in inch drawings.
 - Sheet processing: Composite panel sheets are correctly output again in inch drawings as a 3D model.
 - STEP files were exported with too small scaling. This has been corrected.
- Logikal interface:
 - The Logikal path can now be specified in the ATHENA options under the "Paths" tick box.
 - Imported projects with Logikal's API V2 caused error messages when opening them, which no longer appear.
 - Importing Logikal projects was occasionally not possible. This has been corrected.

- "Apply arrangement" to bars of a Logikal element did not work. This has been fixed.
- "Import 2D only" option Elements could not be imported in this mode. Now it works again.
- Canceling when specifying the Logikal folder led to deletion of the last set path and to an error message. Not any more.
- The update button in the import dialog works as expected again.
- ATHENA Complete corrections
 - Installing in silent mode is now possible again.
 - Occasionally, the computer restarted during the installation of ATHENA Complete. This no longer occurs.
 - The path for texture maps was missing in the options. Now, the path is entered.
- Other minor corrections and improvements have been made in various parts of the program.