

Advance CAD 2016 SP1



This document describes the improvements in **Advance CAD 2016 Service Pack 1**.

Note: *Advance CAD 2016 Service Pack 1 is compatible with Windows 10.*

Please note that, in some cases, after installing this service pack on Windows 10, a reboot may be required.

NEWS

1: MULTICORE VARIABLE IMPLEMENTED

In order to increase the speed while drawing in Advance CAD, a new variable named MULTICORE was added. This variable allows turning the multicore usage on/off.

If MULTICORE = 0, then Advance CAD will use only one processor.

If MULTICORE = 1, then Advance CAD will use all available processors.

The default value for MULTICORE is 0.

2: NEW SNAP POINTS ADDED

Intersection snap points between a dimension and another entity are now recognized.

3: ADDITIONAL PROPERTIES WITHIN THE CHANGE COMMAND

The possibility to modify Transparency while using the Change command has been included in Properties.

4: DISPLAYING ENTITIES BY USING THE LIST COMMAND

Users can now use the LIST command to display properties of selected objects that are on a locked layer.

5. TRIM COMMAND FOR A SPLINE ENTITY INCLUDED

Users now have the possibility to trim the splines that had previously been a region which was then exploded.

6: POSSIBILITY TO CONTROL THE NUMBER OF DISPLAYED VIEWPORTS

A warning message stating that the max number of viewports was exceeded, has been added. The message will be displayed when the number of viewports becomes higher than the value set in the MAXACTVP variable.

7: ATTACHMENT OF XREFS WITH LONG NAMES IMPLEMENTED

The possibility to attach DWG files with a long name as external references was added to this version of Advance CAD.

IMPROVEMENTS

1: MTEXT

- Several improvements have been made in order to insert symbols properly.
- All font styles are correctly displayed for new and existing texts.
- Text formatting improvements in the Number/List Settings dialog box and in the Paragraph Settings dialog box.
- Changing text height in the Text tab is applied to all lines of text.
- Colors selected from the drop-down list in the Text tab are kept in edited text.
- For the Width factor in the Preferences dialog, minimum and maximum values have been limited. The value must be greater than .1 and less than 10.
- For the Tracking factor in the Preferences dialog, minimum and maximum values have been limited. The value must be greater than .75 and less than 4.
- Several corrections have been made for background parameters definition.
- Tabs and indents that have been set on the ruler are kept.

2: DIMENSIONS

- DIMASSOC system variable set to 2 now behaves correctly after moving fully associative dimensions
- BREAK command used for dimensions behaves as expected.

3: 2D AND 3D MODELING

- The JOIN command can now be used in order to attach a line to a polyline.
- Several corrections have been made for the HATCH command, including problems relating to:
 - inheriting properties of the previous hatch object (for example: color, transparency, pattern type),
 - creating hatch on regions,
 - changing hatch patterns,
 - defining the boundaries of the areas intended to hatch.
- Some problems that appeared after changing units, angle and counting of angle in clockwise (in the POLAR and the UNITS dialogs) have now been corrected.
- The ERASE command is now correctly applied on drawings that have a lot of objects (the user can delete the drawing).
- For SPLINE objects, the following corrections have been made (among others): converting splines to polylines and creating a circle between splines.
- Cancelling the PDFATTACH command by pressing the ESC key while the Select Reference File dialog is open now has the desired result.
- Corrections were made regarding the preview of 3d mirrored entities, especially when the input included three collinear points.
- Several issues related to the editing of the 3D Solid faces have been corrected. All the commands in the Face option now work as expected.
- Some problems regarding the drawing of donut entities have now been corrected.
- Problems appearing when the user tried to use REFEDIT command have been fixed.
- The Flatten command now correctly transfers the properties of the 3d solid to the 2d entities that it creates.

4: BLOCKS

- For the user coordinate system (UCS), scales values of blocks are correctly displayed.
- Issues regarding the display of dynamic blocks in layout have been fixed.
- Editing parameters that have collinear or coincidental constraints is correctly applied in dynamic blocks.

5: EXTERNAL REFERENCES

- When setting an additional search path for the external references, the drawing was not displayed. This issue is now corrected.

6: LAYER & VIEWPORT

- When selecting an object that is on a locked layer, the object is now highlighted.
- In the Explorer Layers dialog, the sorting of layers by parameters has been improved.

7: ATTACH IMAGE

- The "File Name Only" option for saving the image path now works correctly. The image is referenced using a path relative to the current drawing folder.

8: USER INTERFACE

- There were a couple of situations when the ribbon was not correctly displayed. The problems have been fixed for Advance CAD 2016 SP1.
- The "Switch Windows" command can now be added to the "Quick Access Toolbar".