

Innovation first

What's New

G ADVANCE
CAD

2017



Table of Contents

NEWS	5
1: Intelligent Grips for Non-associative Hatches	5
2: Integrate a Dense Hatch Pattern	6
3: DGNEXPORT (DGN Format)	6
4: New Command in the Context Menu.....	6
IMPROVEMENTS.....	7
1: Speed Improvements	7
2: 2D and 3D Modeling.....	7
3: Hatch	7
4: Linetype Manager.....	7
5: Layer Manager.....	7
6: External References	7
7: Quick Select.....	7

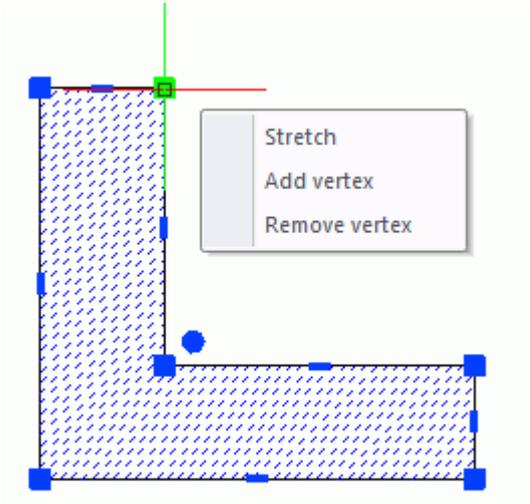
News

1: Intelligent Grips for Non-associative Hatches

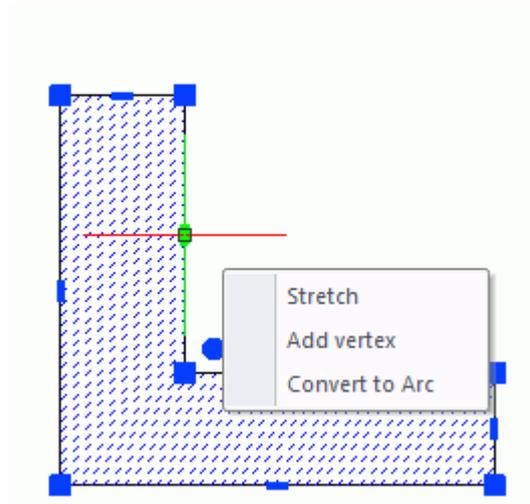
Users can now reshape a non-associative hatch object using grips.

When the hatch object is selected, hovering over one of the grips displays three options:

- “Stretch” and “Add / Remove vertex” for the endpoint grips of the hatch

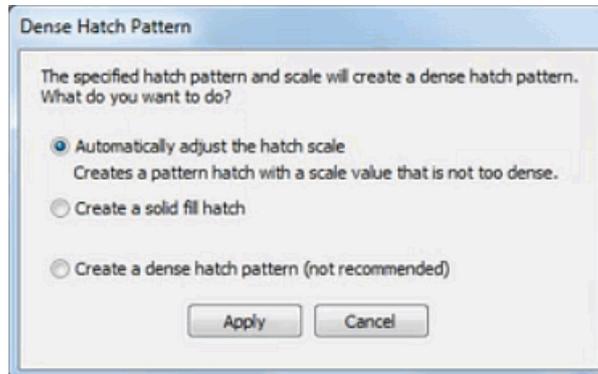


- “Stretch”, “Add Vertex” and “Convert to Arc” for the midpoint grip of the hatch



2: Integrate a Dense Hatch Pattern

Problems occurring when trying to hatch objects placed at large coordinates have been corrected. After detecting that the hatch spacing is too dense or that dash size is too small, the "Dense Hatch Pattern" dialog box with three options is displayed.

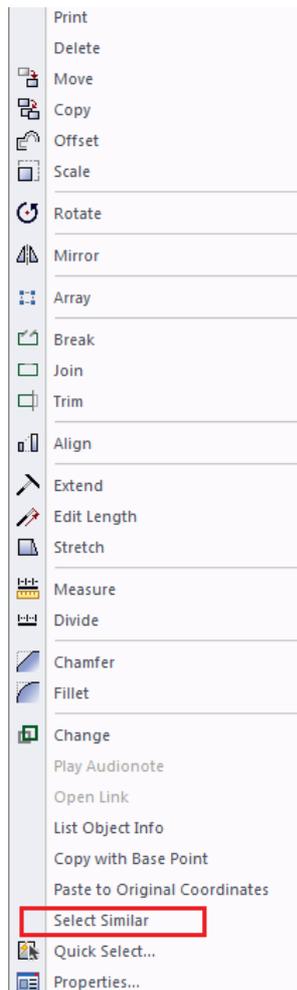


3: DGNEXPORT (DGN Format)

The issue with setting master units and sub-units to optimize the data transfer to the MicroStation DGN file format file has been fixed.

4: New Command in the Context Menu

The "Select Similar" command has been added into context menu.



Improvements

1: Speed Improvements

- Several optimizations have been made regarding the speed for editing drawings containing attached Xrefs, as well as for the drawing of NURBS curves.
- Improved detection and generation of the boundary areas intended to be hatched.

2: 2D and 3D Modeling

- A particular problem during image scaling has been fixed on this version of Advance CAD.
- For particular drawings, some issues occurred when the user tried to create lines or dimensions with the OSNAP mode activated. Those problems have been corrected for this version of Advance CAD.
- Several issues related to opening drawings in Advance CAD, especially when the user tried to open files after restarting the computer, have been corrected.
- There were some problems regarding the possibility to edit polylines using intelligent grips. In the current release, these situations no longer occur and all grips can be modified without any trouble.
- The problem appearing when users tried to erase selected entities using the “Delete” button has been fixed.

3: Hatch

- Hatch boundaries are now correctly created around text in block.
- The incorrect detection of the boundary around several rows of attributes has been fixed.
- Cancelling the Hatch command by using the ESC key no longer changes the active view drawing.
- Corrections were made regarding the quick preview for hatched areas.
- The option to create separate hatches for several different areas works as expected.
- The issue with closing the dialog box to copy hatch properties to second object has been fixed.
- The problem related to the display of the transparency level for hatches in the visual styles has now been corrected.
- The Hatch Area is now correctly calculated.

4: Linetype Manager

- In some particular cases, problems occurred when displaying specific line types in drawings. In Advance CAD 2017, these issues have been corrected.

5: Layer Manager

- The issues occurring when the user tried to switch to model space after modifying the parameters of layers have been resolved.

6: External References

- The problem related to changing the scale on the external references is now corrected.

7: Quick Select

- The list of available properties of the specified object type is now correctly displayed.
- Setting the “Select All” option in the Operator field now ignores all properties filters.

