Advance Concrete 2014 Service Pack 1

This document describes the improvements in **Service Pack 1** for **Advance Concrete 2014**.

GENERAL

- Interaction between Advance Concrete and Advance Steel. Advance Steel Elements are visible in the Advance Concrete drawings and vice versa.
- Automatically return of the license when closing the application works with Advance Concrete (GAM setting).
- Stability issue with the first application start after the installation is corrected.
- Stability issue closing a DWG after deleting a drawing from the Project Browser is corrected.
- The "disable the Smartbar" option is a general setting and applies to all projects.
- Stability issue with inserting a block with the command from the tool palette is corrected.
- Performance improvements when launching Advance Concrete commands on Advance CAD

LOCALIZATION

The following issues have been solved.

- Advance tool palette translations and tool palette configuration dialog box translations
- Updated bar tags for the UK installation
- Some translation mistakes for all installation
- Scale issue with the Polish template (DWT)
- Issue with the live update check
- Shape codes 9.20 and 9.21 are corrected for the French installation.
- New Czech rebar list templates
- French rebar list templates: the fabric PAF 10 is evaluated with the French list templates.

MODEL

The following issues have been solved.

- Multiuser: In a specific case all elements are placed on layer 0.
- Stability issue with the 3D orbit
- 3D orbit representation of footings and elements in the basement level
- Slabs priority is applied correctly to the model view.
- The "Isolate" command does not work properly in a specific case
- Trim does not work with model elements which are bound to a reference level (roof or ramp)
- Performance improvements for binding model elements to reference levels
- Representation of slab openings in shade mode
- Snap points for ACIS elements which are bound to a structural member are available.
- Several issues with the "show model errors" option (e.g. circular wall with opening or opening is outside of the wall)
- Scale issue with symbols in section definition lines
- Visibility issue with circular walls

DRAWINGS

The following issues have been solved.

- Split drawings: The text style defined in the model is correctly transferred to the external drawings
- Stability issue with the rebar drawing creation
- Issue with special characters (e.g. Polish or Czech) used in the drawing name
- Display by type is corrected for rebar drawings with external drawing technology.
- Rebar drawing with external drawings: Changes in the properties made during the drawing creation are correctly kept for the next drawing.
- Rebar drawings: Neighbor members are evaluated correctly in a rebar drawing.
- Isometric views: Several representation improvements are made.
- Visibility of slab symbols in top/bottom
- Overlapped reinforcement if two rebar views are grouped
- General improvement of the update behavior. Only drawings which need an update trigger the update flag.
- The slab symbol is not longer recognized by the intersection dimension.
- Plan view: Behavior of hatches is corrected. The hatches follow the image entity correctly.
- Several stability issues with updating and renaming drawings
- Symbols selected from the drop-down list in the Smartbar keep the text formation.
- Symbol snap line is visible during the symbol creation.
- The "Arrow, filled" is displayed correct with the quantitative distribution symbol
- Symbol in distribution dimension is updated correctly.
- Issue with not visible bar marks in a distribution dimension
- Several stability issue with dimensions (linear dimension, level dimension)
- Intersection dimension recognize grid modifications.
- The attributes used in a level dimension are correctly evaluated after copying the level dimension.
- External drawing technology: Changes in the dimension settings are correctly transferred from the master model to the linked drawings.
- Invert a level dimension works as expected.
- Associative dimension evaluate the openings in a wall correctly.
- Dimension style for a distribution dimension evaluates the different arrow definitions correctly.

REINFORCEMENT

The following issues have been solved.

- The <MultiplicationFactor> attribute is correctly applied to the variable distribution sub entities.
- Match properties works also with distribution dimensions.
- Reinforcement style: Some issue with misplaced bars after updating the drawings
- Reinforcement style for the elevator pit (incorrect bar representation)
- Reinforcement styles no longer produce an unexpected collision.
- Renumbering meshes: The smallest available mark was not correctly recognized in a specific case with some frozen bar marks.
- 3D view: Different output of 3D rebar cages on AutoCAD and on Advance CAD
- 3D view: Some bent meshes were not visible in the 3D viewer.
- List: Stability issue editing a list
- List: All rebar elements from a grouped drawing are displayed in the list.
- List: Modifying the bending detail representation in the list (double click)
- List: Bending detail representation for straight bars with hooks and a cut distribution
- List: Lists containing bent meshes and bars
- List: Lists created from the layout using the material manager
- List: Performance improvement creating a rebar list
- List is updated correctly if the bar distance in a variable distribution is changed.
- Bent mesh distribution by entering the bar mark
- Bent meshes in external drawings use the bar library correctly.
- Modify a bent mesh performance issue in a specific case
- Meshes: Bounding box representation displays a unwanted hatch
- Bending detail extension line with a small offset if hooks and anchors are enabled in the bar definition
- Bending detail alignment according to the bar definition was incorrect in a specific case.
- Cut distribution with linear meter: the suffix "lm" is correctly applied
- Cut distribution: Bending detail representation
- Rebar representation was incorrect in a specific case (e.g. incorrect hatch or no hatch in point bars)
- Bars are correctly updated with changes made in the bar library (e.g. hook length)
- Bar extremity symbols changed the color in a specific case
- Stretch a bar (Stretch command from the tool palette)
- Bar segments can be looked with object snaps are enabled.
- Cut distribution updates correctly if a member is deleted from the drawing.

LAYOUTS

The following issues have been solved.

- Placing a drawing on a layout automatically gets a random offset in some specific cases.
- Zoom extends are corrected for layouts with a disabled drawing frame.
- Create a layout from a drawing, the drawing is placed in the center of the layout.
- Stability issue renaming a layout with more than 30 characters
- Stability issue with changing the drawings properties in a layout
- Scale issue with frames and title block on the Polish installation

EXCHANGE

The following issues have been solved.

- Export to DWG: Several stability issues if a layout contains OLE objects
- Export to DWG: Representation of the mm-exponent of dimension lines in the exported DWG
- Export to DWG: Dimension line color settings are correctly exported to DWG
- Export to DWG: Several audit errors in the exported DWG
- Export to PDF / DWF: Representation of bind elements is improved (to a reference level).
- Export of curved elements and slabs to Advance Design is improved.
- Model synchronization between Advance Concrete and Advance design recognize length changes as expected.
- Stability issue with export a layout to DWG in a specific case