Release notes – CivilCAD 10.4

July 2023

Dear user!

Here's a release note of the improvements made in version CivilCAD 10.4.

In the table below, under the heading 'Bug', you will find a description of the bugs collected from users during the use of the software and fixed by the development team of CivilCAD. Under the heading 'Wishlist' you will find the various improvements and features that have been added to the software to improve its efficiency and ease of use.

The most notable improvements in this version are:

- Export IFC and XML files of pipes and surfaces to work in BIM methodology.
- Working with large point files.
- A new option to transfer the software licenses between computers.
- Improved compatibility with AutoCAD and ZWCAD versions.
- Various improvements to the Pipeline module including DWG assignment for each pipe section, new 'Sleeves' feature, an option to edit the captions in the pipe section table, easer way to move manholes locations, new feature to fully control and merge several size/measuring units at the same drawing, and more.

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No.	Type	Category	Sub-category	Description
1	Wishlist	Pipelines	Layout	Adding an option to add a manhole by copying an existing manhole and adding the manhole in the grid
2	Bug	General	General	Layers Control: When loading a file with layers from old version, there is a collision with the names of the layers
3	Bug	General	Filtering	Filtering points from several layers at the same time does not work
4	Bug	Pipelines	Reports	The software does not generate reports in Water Supply -> Pipes & IPs
5	Bug	Pipelines	Sections	When filling in a pipe diameter in Layout, it is not updated in Sections
6	Bug	Pipelines	Sections	Do not display air valves elements, if option "Add air valves" is not checked
7	Bug	Pipelines	Sections	In the Topo table at the end of the table, add a new line (distance and height).
8	Bug	File	Layers control	When opening layers control, the title on top is layers settings instead of layers control
9	Bug	Pipelines	Sections	When AutoCAD opens an XREF or PROXY window the opening cannot be completed
10	Wishlist	Pipelines	Layout	Moving manhole from layout on drainage line (Square manhole)
11	Bug	Pipelines	Sections	The Topo table is full, but the ground level is not displayed to the end.
12	Wishlist	Pipelines	Layout	Moving manhole from layout on water supply (with block)
13	Wishlist	Pipelines	Layout	Moving manhole from layout - Shared manhole for 2 lines
14	Bug	Pipelines	Layout	The mechanism of adding a manhole on an existing line using the layout grid does not work
15	Bug	Pipelines	Layout	When the user adds a manhole without adding the station, a message should appear.
16	Wishlist	General	Coordinates	The software should allow to work with big number of topography/design points.
17	Wishlist	General		Improving the loading time of the software.
18	Wishlist	General		Corrections to the license system and adding an option to transfer a license
19	Wishlist	Pipelines	Sections	Add an option to design a sleeve for the pipe
20	Bug	General		In the installation wizard, if you choose the Hebrew language, you get a spelling error.
21	Bug	General		Sometimes when working with a local license an error message is displayed - all licenses are in use
22	Wishlist	Pipelines	Sections	Allow users to change the labels appearing in the table of sections (on DWG) to their own language.
23	Bug	Pipelines	Layout	It is not possible to set a cable type pipe (Pick and Select do not work)
24	Bug	Roads	Cross sections	The option 'send to' on slope rubric does not work for a long road (over about 300 sections-Project is attached)

No.	Type	Category	Sub-category	Description
25	Bug	Earthworks	Grid	The button 'locate table on drawing' is not working
26	Bug	Design	Coordinates	In some cases, the AutoCAD command should be canceled automatically.
27	Bug	Design	Planes	Filtering planes button isn't working
28	Bug	Pipelines	Layout	Errors when adding a manhole at the beginning of a pipe
29	Bug	General	Frames maker	Does not show an arrow block
30	Bug	Topography	Coordinates	After clicking twice on pick topography coordinates the operation cancelled
31	Bug	General	Frames Maker	Error displaying the coordinates of a certain frame. Coordinate frame scale calculated incorrectly.
32	Bug	Roads	Culverts	This option doesn't work.
33	Wishlist	Pipelines	Sections	Add an option to change the language or the names of the components at the bottom of the table (slope, station...)
34	Bug	Topography	Coordinates	When you add / to the name of the point, it should not appear in the report
35	Bug	Topography	Coordinates	The software fails to find all the points starting with W (for example).
36	Bug	Topography	Coordinates	When you add '/' to the name of the point, it should not appear in the report
37	Bug	Pipeline	Layout	Improvements in projects with >100 pipes
38	Bug	Design	Coordinates	Find: The software gives a wrong result. point 144 instead of 145 and so on.
39	Bug	Roads	Cross sections	Land development improvements
40	Bug	Pipeline	Layout	In a drainage pipeline, the manholes are at an angle
41	Bug	General		When generate xml from CivilCAD, the topo goes mirrored on civil3d & infra
42	Bug	Pipeline	Layout	Cables do not work.
43	Bug	General		ZWCAD version 23.20_2022.12.03. - can't create contours.
44	Bug	General		Sometimes when the software comes up, AutoCAD's command line doesn't come up
45	Bug	Roads	Vertical alignment	No possible to create Frames division in vertical alignment with 'no logo'
46	Bug	Topography	Planes	Locate - planes do not work
47	Wishlist	Pipeline	Sections	There should be a support for multiple Sections' DWG - for each section the software saves file under the name "<Projectname>_PipeverX.dwg"
48	Bug	Topography	Planes	When using "select" (to define the boundary) does not get a X+Y of a point
49	Bug	Pipeline	Sections	In some computers, Disruptions in opening CAD environment's section.

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No.	Type	Category	Sub-category	Description
50	Bug	Pipeline	Layout	In some projects, the display of square manholes is with an angle.
51	Bug	Pipeline	Reports	Sometimes the calculation of the depth by the average is done incorrectly.
52	Wishlist			Add a "units' control" button and a window that allows the user to control each size/distance units, including the capability to merge several units at the same drawing/section (for example – pipes diameter in MM and manhole size in CM).
53	Bug	General		In CivilCADz, when using the classic toolbar, the toolbars disappear, and must be brought back manually.
54	Wishlist			Export XML of surfaces
55	Bug	General	Filtering	When selecting layer for filtering, layers names who include #$%@ aren't recognized.
56	Wishlist	Pipeline	Sections	Add an option to change the language or the names of the components at the bottom of the table (slop, station...)
57	Bug	Topography	Coordinates	Disruptions in opening coordinate reports