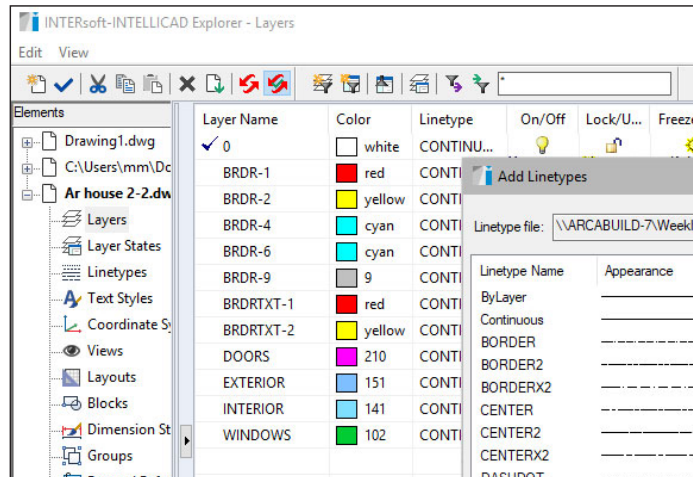


INTERsoft-INTELLICAD

Breakthrough version of the CAD software for creating 2D/3D technical documentation in the .DWG format.

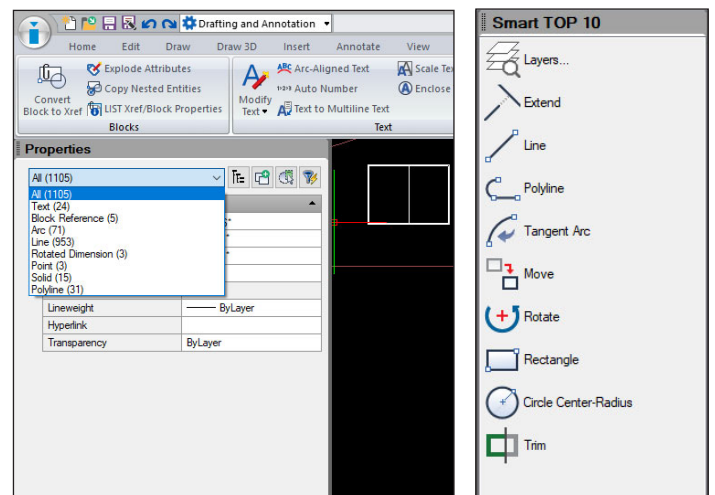
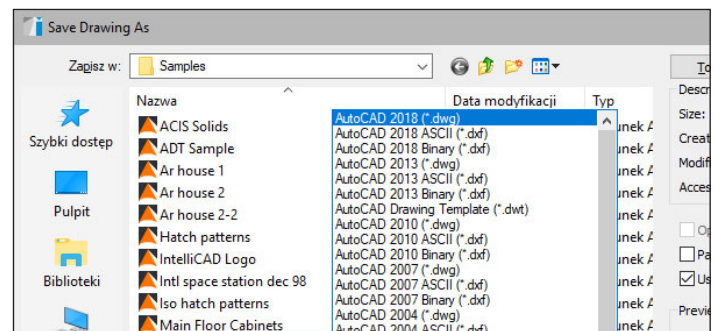
Powerful tool for precise drawing. The new graphics interface ensures intuitive work and does not interfere in the CAD designer's habits.

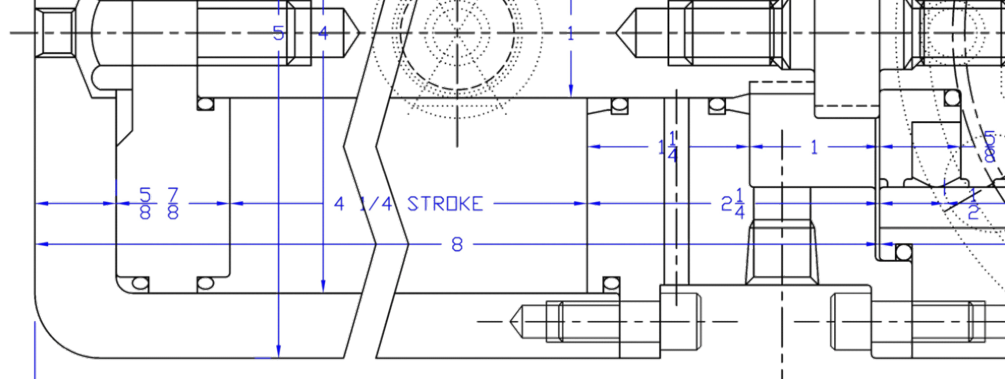


- Reading and saving drawings in AutoCAD format from 2.5 to 2018 (DWG, DXF).
- Working in DWG 2018 native format.
- Possibility to work on several computers (under one license), using a simple transfer of the license file.
- A smart list of the most often used commands (Smart TOP 10) that are automatically memorized when working on a project, creating a personalized tool palette.
- Using DWT templates.
- The function of fixing and checking damaged files.
- The program window is divided into tabs in which the drawings are successively displayed.
- Command line and input
- Added new version of ODA Teigha 4.3.15
- Working on layers.
- Project management explorer.
- Working in cartesian and polar coordinates.
- Dockable tool palettes.
- Dedicated toolbar of Express tools.
- Possibility to create a non-rectangular viewport in the paper space.
- Implemented interpreter of the Lisp programming language.
- Possibility to load SDS and IRX overlays.

Drawing features:

- Basic tools for creating 2D and 3D drawings.
- Possibility to fully modify and edit the properties of all drawn elements.
- Dimensioning and text styles with the ability to import.
- Entering and defining symbol libraries, blocks, simple and complex texts (SHX and TrueType fonts). Additional multiline text editor.
- New functions of the word editor: columns, scaling, entering text along the arc and borders, text fitting, rotation, auto numbering, etc.
- Exploding attributes to text and exploding texts.
- Dimensioning assigned to the element: linear and angular, the ability to define your own styles.
- Automatic field and distance measurement, setting coordinates
- Combined command: Move / Copy / Rotate / Scale.
- New options for construction lines.
- Handles, attributes, hatches.
- A wide range of hatch patterns. New hatch definition and gradient fill window.
- A multiline drawing option.
- Enhanced block, reference and dimension support capabilities: block conversion to reference, copying embedded objects (blocks, references and underlays), block/reference property list.
- Relative paths support for raster images and external links.
- Options: Select similar (with adding to the selection and by the settings window), Multiadogy, Multiline editor, Dashed line.
- Displaying properties of the many selected elements in the form of a tree.
- Possibility to add point cloud in RCP / RCS format.
- New types of 3D objects (primitives) - Facet Modeler (ODA surface modeler), along with basic editing functions - intended for use in 3D, when the mass of the element is not significant.
- Possibility of photorealistic visualization and rendering.
- Drawing in hidden line mode and shading in real time.
- Inserting and editing AEC architectural elements: walls, windows, openings, doors, ceilings and flat roofs.
- Creating a project package and use of the eTransmit saving tool.
- Saving and displaying mechanical elements (Teigha Mechanical API).
- Displaying ADT and Civil 3D objects.
- Possibility to open ACIS solids (without the option to create and fully edit).

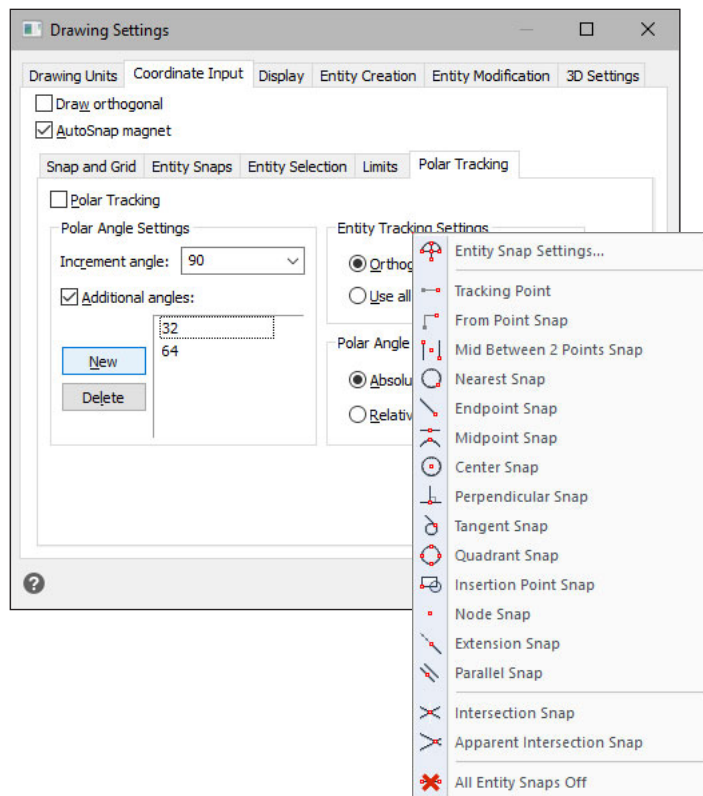




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Breakthrough version of the CAD software for creating 2D/3D technical documentation in the .DWG format.

Powerful tool for precise drawing. The new graphics interface ensures intuitive work and does not interfere in the CAD designer's habits.

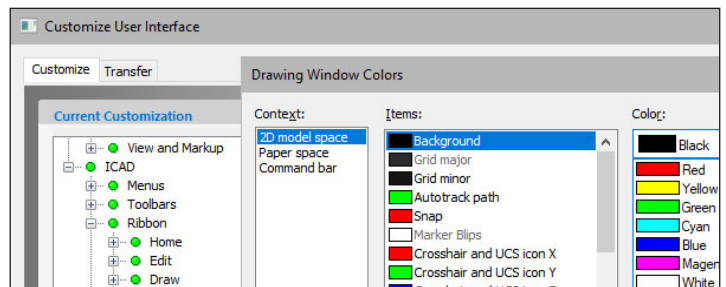
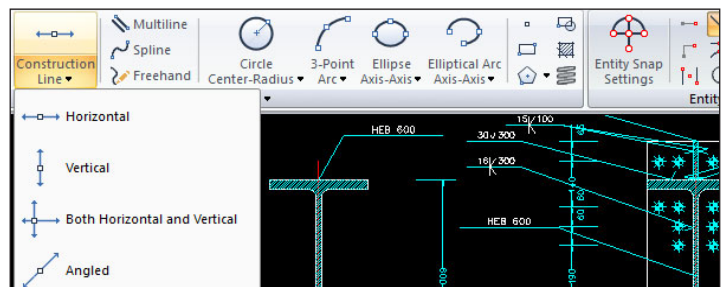


IMPORT/EXPORT

- Importing and editing raster images (e.g. geodesic underlay), including files such as : JPG, TIF, BMP, GIF, PNG
- Import and export PDF file.
- Cooperating with BIM applications by loading spatial 3D models from Revit in RVT and RFA format as underlays in CAD projects (64-bit version only).
- Cooperation with BIM applications by loading spatial 3D models in the IFC format as underlays in CAD projects (64-bit version only).
- Support of DWF, DGN and DAE formats.
- Export of STL files.
- Possibility of adding point cloud in RCP/RCS format.
- Creating a project package and use of the eTransmit saving tool.

Precision drawing tools:

- Auxiliary grid, orthogonal drawing functions, polar tracking.
- Extended recognition of snap points (ESNAP), e.g. for lines - center, end points and intersections of lines.
- Setting the snapping of characteristic points to underlays.
- Possibility to use a set of commands for construction lines.
- Expanded visualization - zoom, regeneration and panning of the drawing, dynamic rotation of 3D objects and a new function of camera settings in the view.



Full program personalization:

- Modification of the top menu, ribbons (panels and tabs), toolbars, command status bar and keyboard shortcuts.
- New ways of using the program interface, its settings and exporting the set profile.
- Configuration of the working screen: background colour, handles, cross hair size, cursor , etc.