CADprofi Architectural

Program helps in creating construction drawings, cross-sections and elevations.

The world's leading CAD software add-on

CADprofi Architectural supports construction plans, enabling the drawing of single and multi-layer walls, inserting windows, doors, designing stairs, roofs, gutter systems, elements of gravity ventilation, as well as architectural dimensioning, creating descriptions and using objects from extensive libraries of interior design and landscape architecture. Various symbols are available for use in plan views and cross-sections. Program also allows to draw elevation views. A unique feature of the program is the ability to create evacuation, OHS and fire protection plans.

Ease of use

CADprofi is a professional parametric CAD application that vastly accelerates design work. The application's convenient, user-friendly interface makes it possible to fully employ its features immediately, without the need of extensive software training. CADprofi is highly popular among architects and engineers. Less experienced users, who only occasionally work with CAD drawings, also highly praise the accessibility and functionality of our software.

Comprehensive functionality

CADprofi program consists of several modules, thanks to which industry offices can use a consistent system to aid the design process and coordinate different industries.

CADprofi includes the following industry modules:

- CADprofi HVAC&Piping
- CADprofi Electrical
- CADprofi Architectural
- CADprofi Mechanical

Software is equipped with a rich array of functions supporting the user at every level of design work: from automatic description system to the bill of materials generation and exporting data into many file formats.

CADprofi has been developed mainly as a tool used in 2D and isometric drawings.

Program includes classifications of objects compliant with BIM. BIM data is used when creating bill of materials and can be transferred to applications that are used during the implementation of the investment.

All of the application modules are mutually compatible with each other and can be installed in any combination.

The regularly updated object library of many industrial manufacturers supports the designer also in working in 3D.

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The diversity of the functions contained in CADprofi allows for extreme acceleration of the project work.

Maximum compatibility

Tens of thousands of users from all over the world have already chosen CADprofi. This is the reason, why we always take care to preserve full compatibility with other CAD applications.

CADprofi will automatically configure itself to be optimally compatible with any selected software environment, including BricsCAD, AutoCAD, ZWCAD, progeCAD, GstarCAD and many more.

Drawings created in CADprofi are fully compatible with DWG and DXF formats and can be edited in any CAD system without the need to run and use our software.

Available languages

The Unicode based user interface supports 25 languages, i.e. English, Bulgarian, Chinese (Simplified), Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Serbian, Slovenian, Spanish, Swedish, Turkish and Ukrainian.

Always up-to-date

CADprofi is being constantly developed. Versions with new features appear several times per year, providing users with upgraded content and functionality. Our online updates enable every user to immediately access our latest technology.

Key features

- Multi-layered walls with the ability to define any construction.

- Drawing walls along the selected edge with the possibility to determine the offset from the indicated points or other objects and the mode of drawing walls along the indicated infoline.

- Parametric woodwork (doors, windows). Plan, cross-section, and elevation views are available.

- Interior library, furniture, sanitary equipment etc.

- Architectural symbols: room markings, symbols of openings and culverts, woodwork descriptions and others.

- Designing stairs with the possibility of specifying dimensions and number of steps.

- Insertion of roofs with the possibility of calculating surface slopes, roof angles and its height.

- A rich library of steel, PVC and rectangular gutter systems as well as downpipes with elements of equipment and assembly accessories.

- Elements of gravity ventilation and single and double-draft chimney systems.

- Automatic creation of graphic legends.

- On-line update system.

- Metric (mm, cm, m) or imperial units available.

- Architectural dimensioning of any format and precision.

- Drawing and editing emergency escape routes and plans. Marks in accordance to PN and DIN.

- Library of symbols and markings of OHS and fire protection.

- Configurable room descriptions.

- Automatic numbering.

- User elements manager (blocks, drawing frames, symbols, etc.).

- Possibility to export rooms to DIALux.

- Automatic creation of bill of materials that can be printed or exported to many formats including pdf, rtf (doc), xls, xml, csv, html and more.

- Library of devices from leading manufacturers from many industries.

- Editing commands that allow to perform various editing operations, including: editing objects, editing attributes and inserting descriptions, mirror, scale, copy, rotate, delete, move, extend, insert alternate view.

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