

ArCADiasoft CAD software - version comparison.

ArCADia 10, ArCADia LT 10, ArCADia PLUS 10 and ArCADia AC are the basic applications of the ArCADia BIM system of CAD software with BIM technology. The core part of the application is based on the Intellicad graphics engine, which is supplied by the ITC consortium. ArCADiasoft, as a long-standing member of the ITC consortium, has full access to the technology needed for application development and is actively involved in it. This ensures that in every aspect of functionality, capabilities, and performance, it will always be a world-class program, and today's choice is the choice of the best CAD direction. ArCADia 10 is not just another clone of Intellicad, as it provides the user with additional ArCADia BIM functionality. Gradually, subsequent BIM supporting applications are being released onto the design software market. Their manufacturers choose various assumptions and paths to create a program consistent with BIM. As a result, in spite of the fact that the purpose of BIM technology was also to standardize the method of design, applications very often differ from one another with regards to interface and method of operation. They introduce numerous new solutions, different from the traditional CAD environment which designers have gotten used to over the years. Our ArCADia BIM system is an environment based on the Intellicad program interface. As a result, we work with it in a similar fashion as with the most popular AutoCAD software. ArCADia BIM does not lose anything from a traditional CAD environment and, what is more, the designer has the possibility to install it as an extension to the AutoCAD software and make BIM-based designs in a familiar environment. An important feature of the ArCADia BIM system is the fact that designers, having only some industry modules e.g. designing electric systems, do not have to worry that their designs will not be available to the architect. A complete drawing is fully portable and retains all the data about the elements of the building regardless of the scope of the licensed system modules. At the same time, a design made using ArCADia BIM is fully consistent with the .dwg format. and is available to designers using traditional CAD software, it is then seen by the CAD program as a traditional .dwg file.

Table with comparison of selected CAD functions in different versions of ArCADia 10.

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CAD software features	INTERsoft-INTELLICAD	ArCADia 10 LT	ArCADia 10	ArCADia 10 PLUS
Ribbon interface	+	+	+	+
Compatible with DWG format.	+	+	+	+
Open and save in DWG formats from 2.5 to 2013 (AutoCAD 2013-2017)	+	+	+	+
Save and open in DXF, DWT.	+	+	+	+
Save and open in DWF.	+		+	+
Export to PDF, DWF 3D	+		+	+
Export to BMP, WMF, EMF, SVG formats	+		+	+
Creating and editing 3D drawings	+		+	+
Command prompt with auto-complete.	+		+	+
Audit and recover DWG files.	+	+	+	+
Display lineweight	+	+	+	+
Viewing drawing in paper space and model space.	+		+	+
Custom shape viewports.	+		+	+
Working with 3D surfaces.	+		+	+
LISP and DCL support.	+		+	+
IRX technology.	+		+	+
AutoCAD menu (.mnu) and scripting files (.scr).	+		+	+
SHX and TrueType font.	+	+	+	+
Raster images.	+	+	+	+
Inserts PDF underlay.	+	+	+	+
STB and CTB plot styles.	+		+	+
Simultaneous working on multiple projects.	+	+	+	+
Visual styles .	+		+	+
Rendering	+		+	+
Script recording	+		+	+
ACIS solid modeling	Read only	Read only	Read only	+

Wipeout function	+		+	+
Scaling	+		+	+
2D View	+		+	+
3D View	+		+	+
Helisa	+		+	+
Entering multiline	+		+	+
Arc dimensioning	+		+	+
Find and replace function	+		+	+
Editing blocks in-place	+		+	+
Layer support tools.	+		+	+
Quick select.	+		+	+
New graphic engine version	ODA Teigha ver. 4.1.1	ODA Teigha ver. 4.1.1	ODA Teigha ver. 4.1.1	ODA Teigha ver. 4.1.1
Revision cloud	+		+	+
Drawing 2D basic elements: (lines, polylines, circles, arcs, ellipses, regular polygons and rectangles)	+	+	+	+
Extended functions creation of 2D drawings simple, splines, sketching and other drawing options.	+		+	+
Basic drawing editing: (move, copy, scale, rotate, mirror, array, trim, explode and offset)		+	+	+
Full modification of 2D drawing (chamfering, breaking, connecting, matching, etc.).	+		+	+

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Download the latest 64-bit version of ArCADia BIM PLUS 10 software.

Install and use the full version of the entire system, including project records, for 28 days from installation.

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Download the latest 64-bit version of ArcCADia BIM LT 10 software.

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Download the latest 64-bit version of ArcCADia BIM AC for AutoCAD® software.

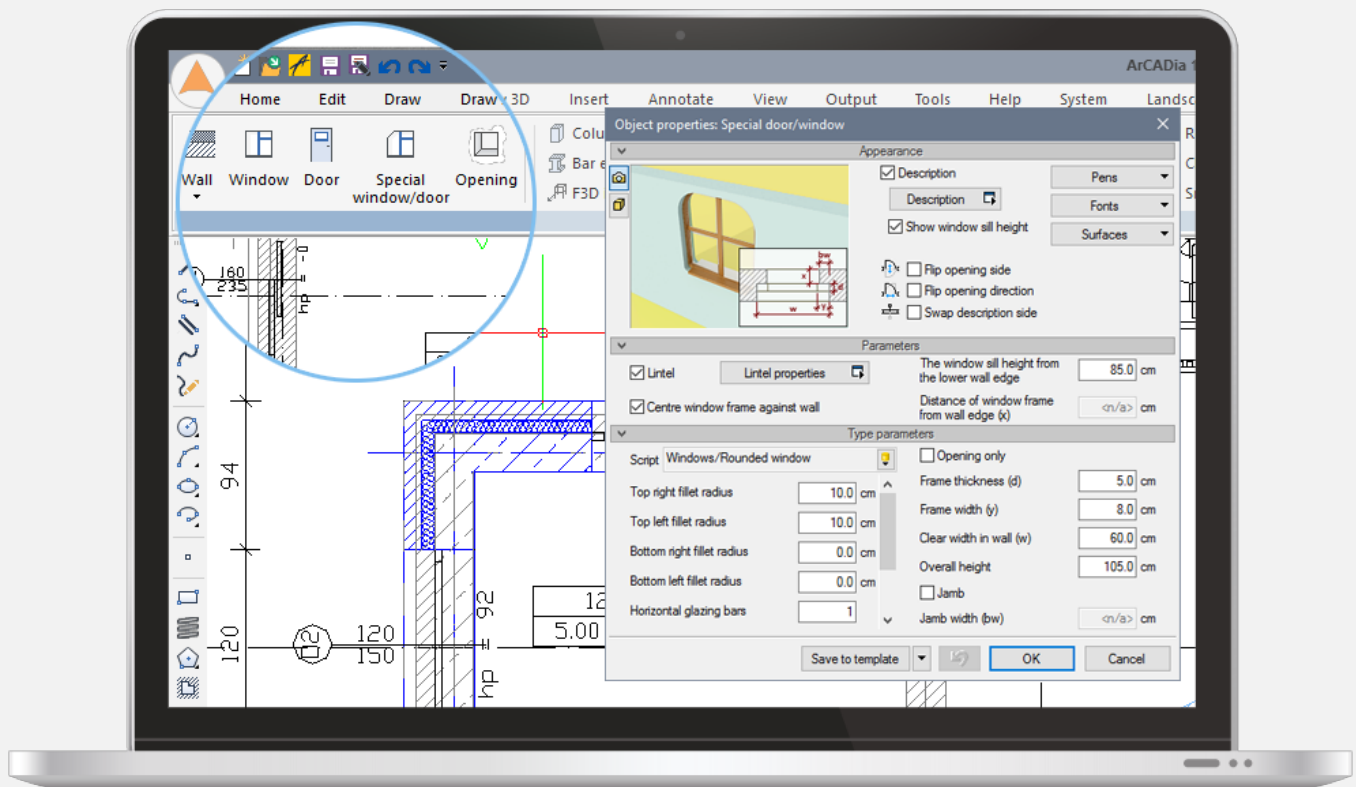
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Download the latest 64-bit version of INTERsoft-INTELLICAD 10 software.

Install and use the full version of the entire system, including project records, for 28 days from installation.



CAD software features

Comparing digital models of buildings that are projects of the ArcCADia BIM system.

ArCADia 10 AC*	ArCADia 10 LT	ArCADia 10	ArCADia 10 PLUS
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+	+	+	+
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Analysis of the collision of objects in a digital model of a building. Checking for collision points between selected elements of a installation design, architectural or inter-industry collisions.	+	+	+	+
The functionality of merging objects in a digital model of a building, the possibility of combining separate projects of building installations with an architectural design.	+	+	+	+
2D built-in object library and save 2D user created object.	+	+	+	+
3D built-in object library.	+	+	+	+
Inserting architectural elements such as: walls, doors, windows, ceilings, columns, stairs and chimneys.	+	+	+	+
Automatic creation of windows and doors listings.	+	+	+	+
Automatic creation of rooms listings for each level.	+	+	+	+
Export listings to files an RTF and CSV format.	+	+	+	+
Free ArCADia-TEXT editor (saves in RTF, DOC, DOCX, TXT and PDF format).	+	+	+	+
Help files & Sample Projects.	+	+	+	+

* - ArCADia AC is the ArCADia BIM system version for the AutoCAD® 2014/2015/2016/2017 software.