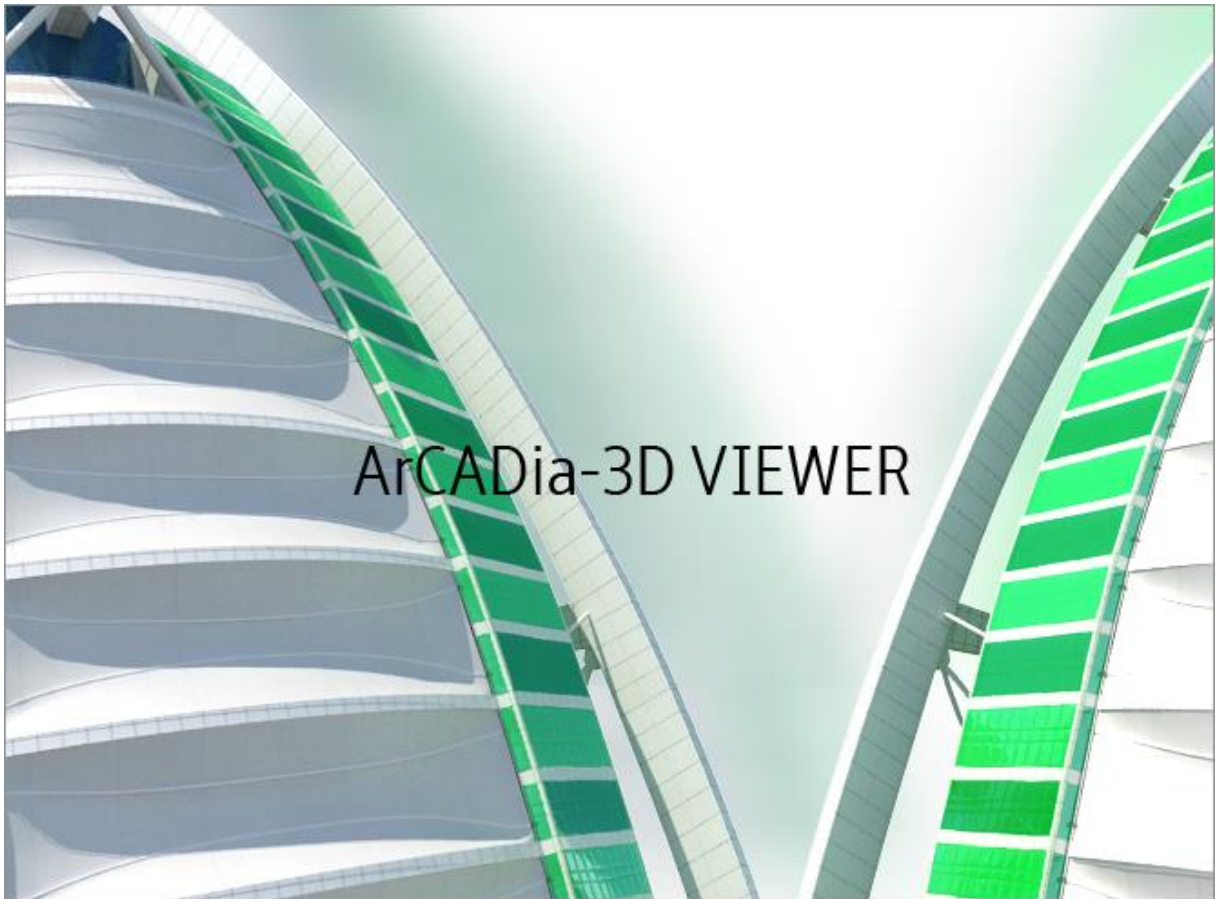


# ArCADia-3D VIEWER

ArCADia-3D VIEWER user manual



2019-08-27

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# 1. VIEWING 3D PRESENTATIONS

## 1.1. ARCADIA-3D VIEWER

The ArCADia BIM system from version 6.0 has new modules: ArCADia-3D MAKER, which allows the user to save 3D projects and ArCADia-3D VIEWER, which allows the user to view saved 3D projects without the need to have ArCADia installed.

ArCADia-3D VIEWER is a standalone application which only enables viewing 3D presentations saved with the ArCADia BIM software. The software can be launched using the shortcut icon on the desktop.

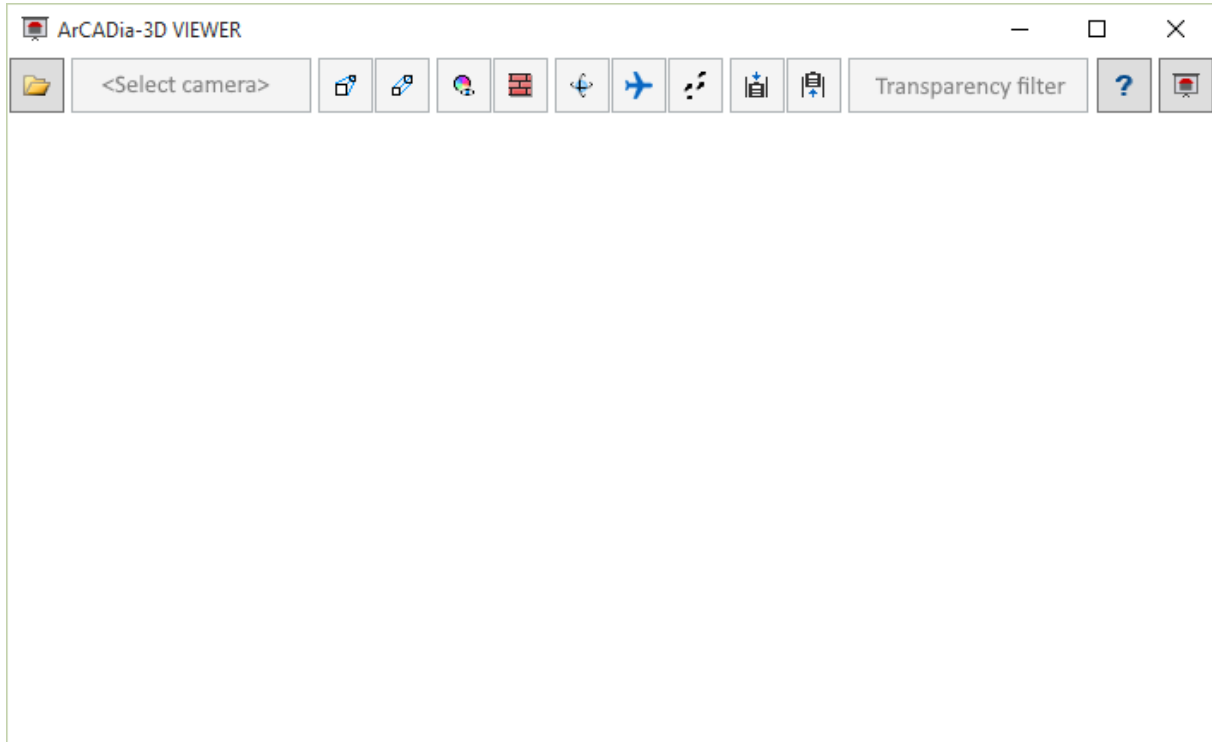


Fig. 1 ArCADia-3D VIEWER window





The software opens *.a3d* files saved with ArCADia-3D MAKER.

Tab. 1. ArCADia-3D VIEWER or project browser options

	<i>Open file</i>	Opens a file containing 3DS presentation data (files <i>.a3x</i> , <i>.a3d</i> )
	<i>&lt;Select a camera&gt;</i>	Shows the default camera views.
	<i>Perspective view</i>	Shows the perspective view of the building.
	<i>Axonometric view</i>	Shows the axonometric view of the building.
	<i>Show layer colors from Project Manager</i>	Displays the building with colors for the elements selected for groups.
	<i>Show surfaces defined in elements</i>	Shows the building with selected materials and textures.
	<i>Orbit mode</i>	Project viewing mode in which the camera is set on an orbit around the project.

Viewing 3D presentations

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	<i>Flight mode</i>	Project viewing mode in which the camera can be placed inside the project and move in the direction determined by the mouse.
	<i>Walk mode</i>	Project viewing mode which enables a tour of the project.
	<i>Lower the camera</i>	Lowers the observer's position.
	<i>Raise the camera</i>	Raises the observer's position.
	<i>Transparency Filter</i>	It enables "glazing" an entire branch, e.g. Architecture, to show another branch, e.g. inside the building.

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**NOTE:** Some options are available only after loading a presentation file.

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## 2. SAVING A PROJECT PRESENTATION

## 2.1. ARCADIA-3D MAKER

There are two options for saving a project presentation: with or without the browser. The browser, i.e. ArCADia-3D VIEWER can be downloaded from the website and installed independently of ArCADia BIM software.

### 2.1.1. Saving a 3D presentation

This option enables to save a project and include the browser. It means that a presentation saved in this way can be provided to someone who wants to see the project but doesn't have ArCADia. The browser will open the ArCADia-3D VIEWER window and enable to view the saved project from every direction, but without the possibility to make any changes or save.

#### Activation:

ArCADia and ArCADia PLUS

- *Collaborate* ribbon ⇒ logical group *Presentation* ⇒  *3D presentation*
- *ArCADia-3D MAKER* toolbar ⇒  *3D presentation*

ArCADia LT

- *Home* ribbon ⇒ logical group *Presentation* ⇒  *3D presentation*

After invoking the command, the save presentation window will open, where the user needs to indicate the saving directory and name, and confirm by clicking the *OK* button.

The presentation will be saved in an *.exe* file that can be opened on any computer, without ArCADia software installed.

To view the presentation, double-click the file and the ArCADia-3D VIEWER will open.

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**NOTE:** Before the ArCADia-3D VIEWER window will open, a message may appear to inform that some necessary components are missing. In this case, answer No to the question whether to continue – the software will then open a website from where the user should download and install a given operating system patch.

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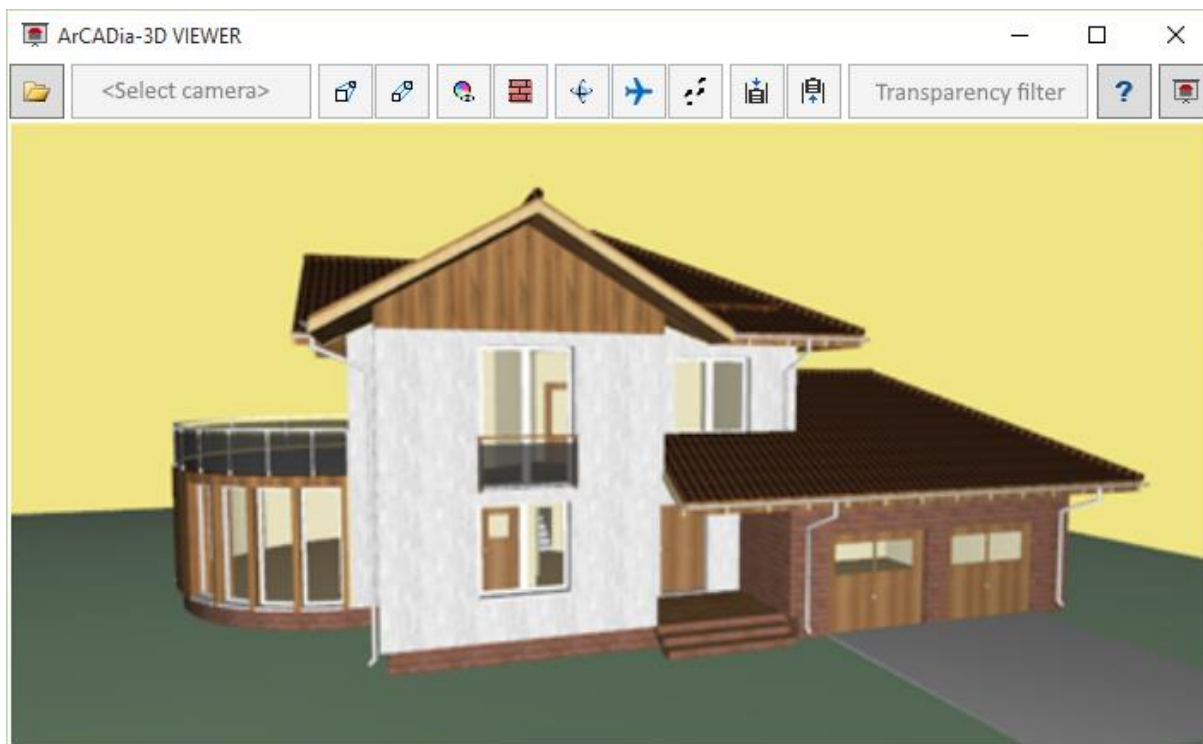


Fig. 2 ArCADia-3D VIEWER window with a sample project

### 2.1.2. Saving the 3D presentation data

To save a project presentation for someone who already has the ArCADia-3D VIEWER project browser, it is enough to save the data for the presentation (this allows for a project file to be significantly smaller in size and sent by e-mail).

#### Activation:

ArCADia and ArCADia PLUS

- *Colaborate* ribbon ⇒ logical group *Presentation* ⇒ *Data of 3D presentation*
- *ArCADia-3D MAKER* toolbar ⇒ *3D presentation*

ArCADia LT

- *Home* ribbon ⇒ logical group *Presentation* ⇒ *3D presentation*

After invoking the command, the save presentation window will be displayed, where the user needs to indicate the file saving directory and name. The created presentation may be opened from ArCADia-3D VIEWER window by choosing the *Open file* icon.