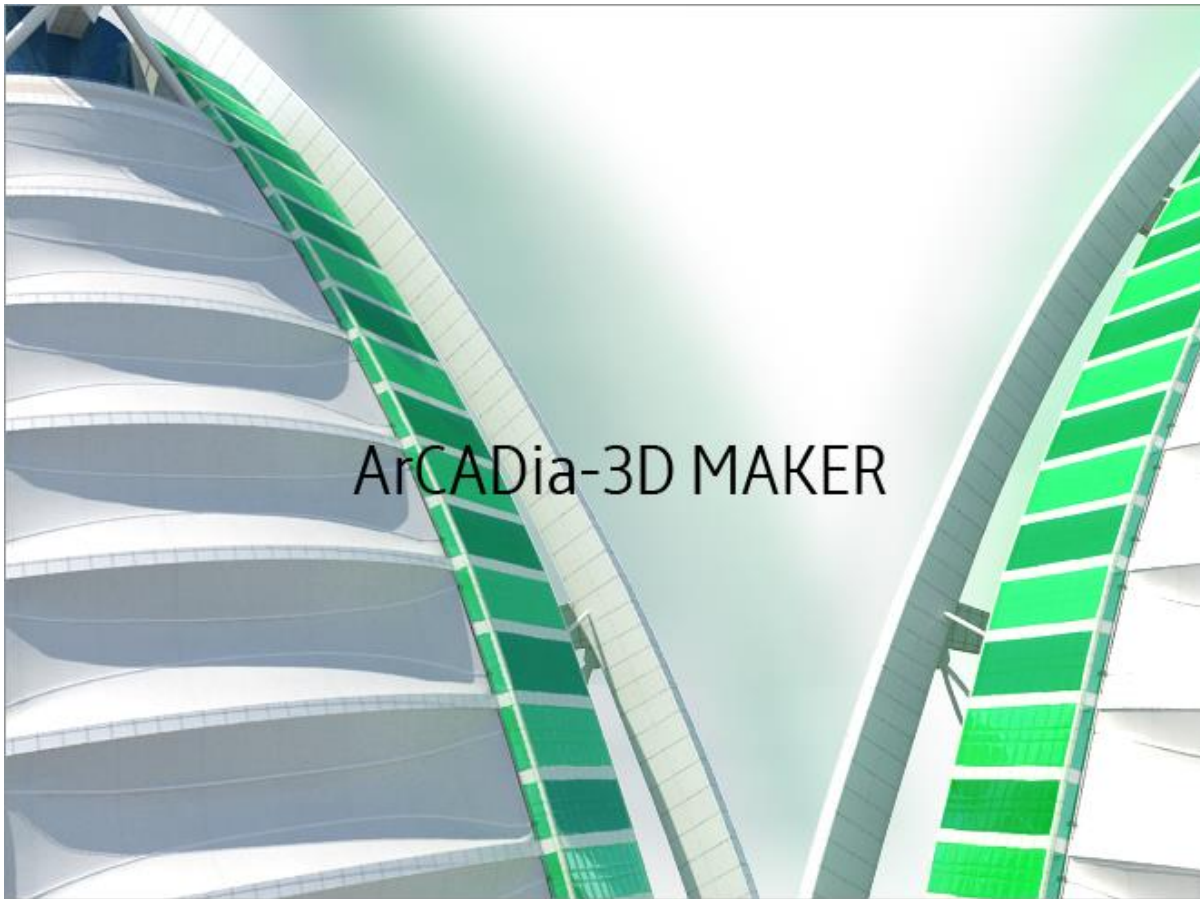


# ArCADia-3D MAKER

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ArCADia-3D MAKER user manual



2019-08-27

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# 1. BASIC INFORMATION ABOUT THE PROGRAM

## 1.1. Options available in the ArCADia-3D Maker

**\*BIM** – options available to ArCADia BIM license holders, i.e. after purchasing one of the following programs: ArCADia, ArCADia LT or ArCADia PLUS.

Tab. 1. Functions of the ArCADia-MAKER module which can be found on the Manage ribbon (ArCADia and ArCADia PLUS) or on the Main tools (ArCADia LT)

Icon	Option	Description	*BIM
	<i>3D presentation</i>	Saves the file together with the browser, which allows for viewing the project in a 3d window without the ArCADia software installed.	<b>X</b>
	<i>Data of 3D presentation</i>	Saves file to a 3D presentation, without including the browser in the file.	<b>X</b>
	<i>Presentation in the Cloud</i>	Saves the project to the selected cloud, thanks to which the 3D model can be viewed from any mobile device.	<b>X</b>

## 2. SAVING A PROJECT PRESENTATION

## Saving a project presentation



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. 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 oraz ArCADia PLUS

- *Colaborate* ribbon ⇒ logical group *Presentation* ⇒  *3D presentation*
- *ArCADia-3D MAKER* toolbar ⇒  *Save 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.

**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.

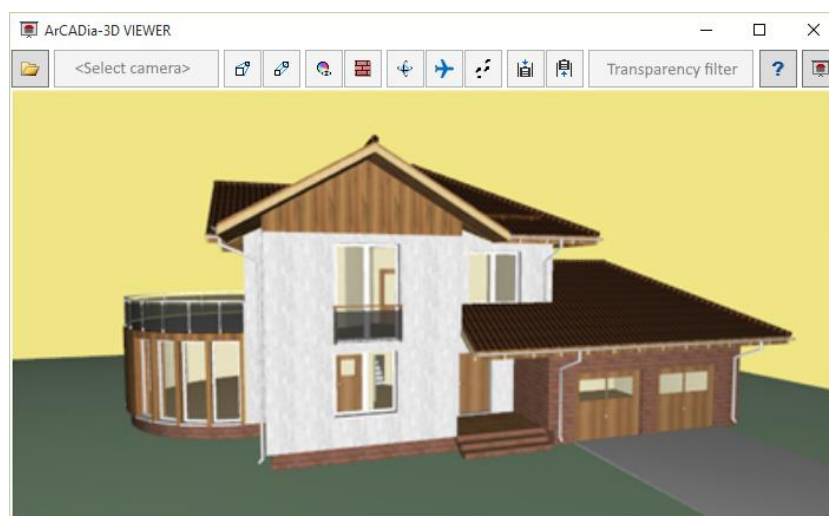












Fig. 1 ArCADia-3D VIEWER window with a sample project

Tab. 2. 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.
	<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.

## 2.2. 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 oraz ArCADia PLUS

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

ArCADia LT

- *Home* ribbon ⇒ logical group *Presentation* ⇒  *Data of 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.



## 2.3. Presentation on mobile devices

### 2.3.1. Saving the presentation to the cloud

Saving the 3D model presentation in the cloud has been added the ArCADia-3D MAKER module, so on an external server: Dropbox, Google Drive or OneDrive.

#### Activation:

ArCADia oraz ArCADia PLUS

- *Collaborate* ribbon ⇒ logical group *Presentation* ⇒  *Presentation in the Cloud*
- *ArCADia-3D MAKER* toolbar ⇒  *Presentation in the Cloud*

ArCADia LT

- *Home* ribbon ⇒ logical group *Presentation* ⇒  *Presentation in the Cloud*

After enabling the option, the program checks the access to the server. If you are not logged in, the following message will be displayed.

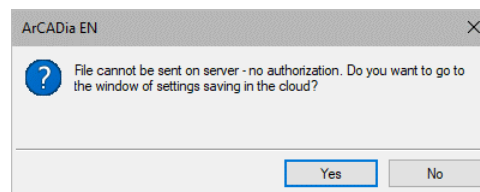


Fig. 2 Lack of access authorization for saving in the cloud window

The choice of the server for saving and logging in should be done in the *Options* window under the *Saving in the cloud options* button and described in the *Options* chapter. You can also choose a saving location and log in by clicking *Yes* in the above window.

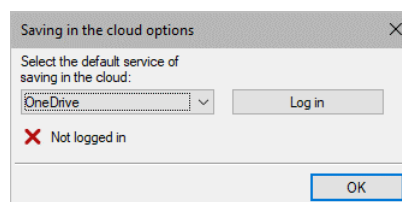


Fig. 3 Saving in the cloud options window

From the list on the left hand side of the window, select the cloud server where you want to save the model to. Then, by clicking the *Authorize* button, we go to the login page, where apart from the user and password, we need to agree to the transfer of data by the ArCADia SYSTEM program. Then a window will appear in which you should enter the name of our model. By default, the name of our file will be displayed.



## Saving a project presentation

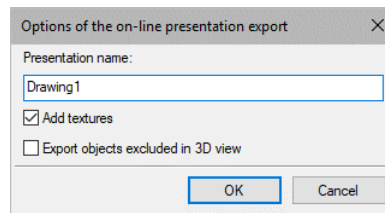


Fig. 4 Model saving options

*Presentation name* – a name, under which the 3D model will be saved.

*Add textures* – Attaches added textures to the model. Deselecting the option will save a white model.

*Export objects excluded in 3D view* – this option skips the export of excluded elements in the 3D view, they will not be visible in the cloud browser.

After clicking *OK* the following window will appear:

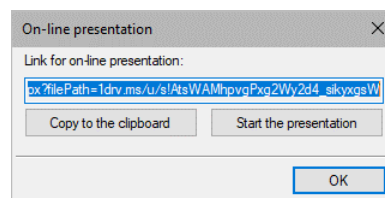


Fig. 5 On-line presentation window

*Copy to the clipboard* – this option allows you to copy and later send the presentation link to another person.

*Start the presentation* – this option opens the ArCADia-WEBVIEWER window with the saved model.

### 2.3.2. Exploring the model

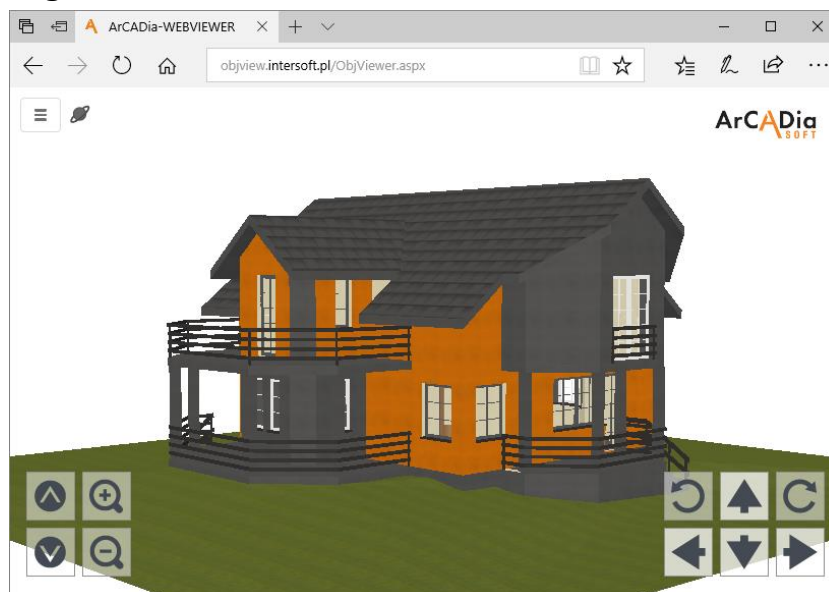


Fig. 6 ArCADia-WEBVIEWER browser window

## Saving a project presentation

The above browser can be run both on a computer and on a mobile device. The navigation options are located on the right side of the window, on the left side there are options for zooming in and zooming out the model

The browser has options analogous to the 3D view located in the ArCADia system and the ArCADia-3D VIEWER browser.

In the menu, you can change the *Work mode*, in other words how to navigate the presentation. We have an *Orbit mode*, which is, a rotation of the whole model, *Flight mode*, which is the view of the model in accordance with the current view direction, and a *Walk mode*, which is walking around parallel to the level of the storey level.

The menu also contains filters that allow, for example, to turn off or make transparent a selected industry and cameras, by default those stored in the project as well.

### 2.3.3. Saving in the cloud options

The ArCADia-3D MAKER module has the ability to save the project presentation in the cloud, thanks to it, a 3D project model can be viewed from any mobile device without having to have the ArCADia program on this device.

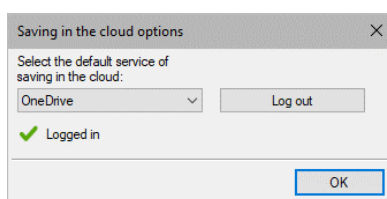


Fig. 7 Saving in the cloud window

The above window will be displayed after clicking the *Save in the cloud option* from the *Options* window. If there is a message about the lack of a connection with the server before displaying that window, the message *No authorization* appears in the lower part of the window. In that case the Internet access should be checked.

In the above window, we can choose one of the available servers: *OneDrive*, *Dropbox* or *Google Drive*. After the selection, click the *Authorize* button and go to the login window in which you must allow the application to save the presentation in the cloud. After logging in you will be able to save the project.

Changing the saving in the cloud service, i.e. replacing the default server, the saving is done in the above window accessible from the *Options* window. The project presentation saving is available in the *System* ribbon or the *Main tools* in ArCADia LT and is described in the *Saving presentation in the cloud* chapter.

If despite having Internet access, the program cannot obtain authorization, the settings must be changed in the *Proxy Options* window. If you do not know them, please contact your network administrator.

## Saving a project presentation

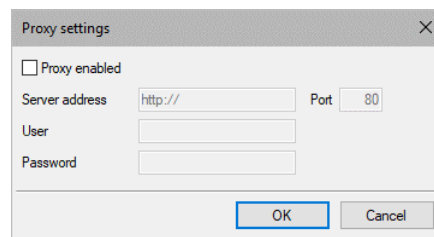


Fig. 8 Changing Proxy Options window