

Export from ArchiCAD 12 to Artlantis Render and Artlantis Studio 3

New feature: *Artlantis 3 can display all the ArchiCAD layers into the Artlantis Objects Inspector list. This way the geometry can be set visible or invisible depending of the point of view. To do just keep unchecked keep the Layer button into the export dialog box of ArchiCAD.*

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1. Forewords

Using this add-on you can export the ArchiCAD 12 model into Artlantis Render and Studio 3. However this add-on is installed by default with ArchiCAD, the add-on remains the property of Abvent R&D which ensures its development and maintenance.

In case of problems, please contact the technical support: www.artlantis.com

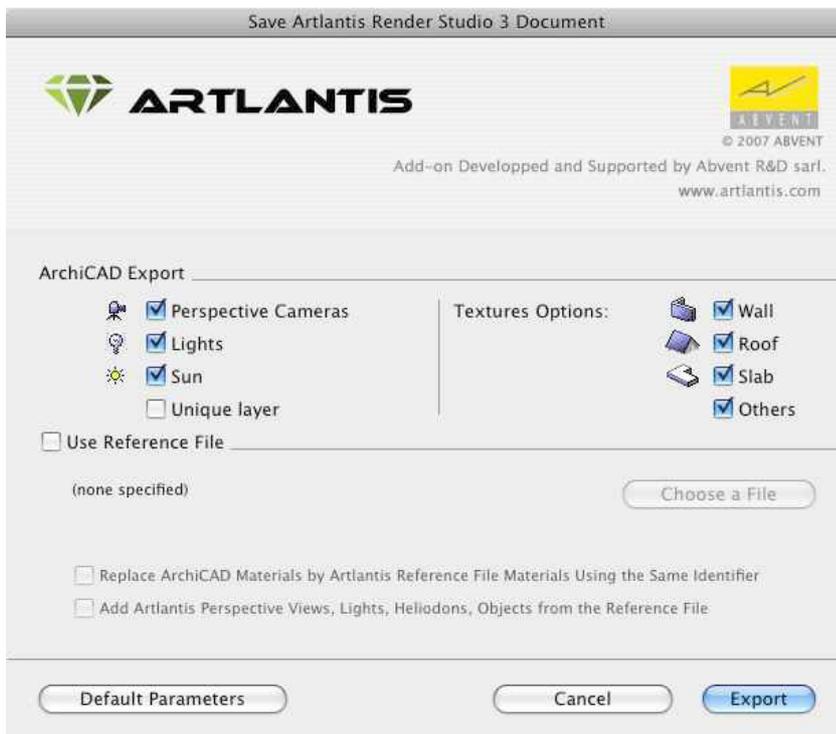
2. Configuration

Minimum requirements: Artlantis Render 3 or Artlantis Studio 3 installed.
The add-on creates files in .atl file format. Note, that file version 3 is incompatible with the old Artlantis 2.x versions.

3. How to use?

The export dialog

Display the perspective 3D view in ArchiCAD and select **File > Save as...**
In the "**Format**" list of the Save file dialog, choose « **Artlantis Render-Studio 3** » option. Click the **Save** button, and the Export dialog box will be displayed.



The export dialog allows you to:

- **Create** a new .atl file.

- **Update** an .atl file already sent into Artlantis.

Creating a new file

Cameras, Lamps, Sun: Check the items to export.

- **Perspectives Cameras:** All cameras created in ArchiCAD will appear on Artlantis's Perspectives Inspector List.
- **Lights*:** All the lamps inserted into the ArchiCAD project will appear on Artlantis's Lights inspector List.
- **Sun*:** The heliodon (geographical position, date and time) will appear on Artlantis's Heliodons inspector List.
- **Unique Layer:** if checked all the ArchiCAD layers are merged and exported into a single layer to Artlantis, if unchecked all the ArchiCAD layers will be recovered into the Layers list of the Objects Inspector of Artlantis.

*Note: If Lamps and Sun items appear grayed, you have to activate them first on the **Internal Rendering Engine** tab of the **PhotoRendering Settings** dialog box activated from **Document > Creative Imaging > PhotoRenderings Settings...**
On the **Effects > Light sources** area check **Sun** and **Lamps**.

Texture Options:

- **Wall, Roof, Slab, Others*:** Textures associated with the ArchiCAD materials will be exported.

*Note: **Others** include all ArchiCAD tools such as Post, Beam, Stair, Door, Window, as well as Mesh and Object.

Updating an existing Artlantis file

Select « **Use Reference File** », and click on the « **Choose a File** » button. Then select the .atl reference file.

Available options:

- **Replace ArchiCAD Materials with Artlantis Reference File Materials Using the Same Identifier**
- **Add Artlantis Perspective Views, Lights, Heliodons, Objects from the Reference File**

Export: Allows you to accept the export of a new file or to update an existing .atl file.

Note: If the **Replace ArchiCAD Materials with Artlantis Reference File Materials Using the same Identifier** and the **Add Artlantis Views, Lights, Heliodons, Objects from the Reference File** check boxes are selected in the **ArchiCAD Export** options, only the ArchiCAD Export options will be applied to the newly created elements of ArchiCAD that are not parts of the existing .atl file (new geometry, new viewpoints, new lamps, new heliodon).

4. Remarks

By default, curved ArchiCAD elements exported into Artlantis are never smoothed. To smooth the curves in Artlantis, go to the **Shaders inspector** tab "**Advanced Parameters**" area, select the needed material, and use the "**Smoothness**" slider.

6- Fixes...

- ArchiCAD point of views only the current one was exported.
- When updating a file the geometry of the scene was lost when in the first atl file Artlantis objects were set.
- The GDL objects had no name into the Artlantis material list
- Crash when exporting
- When exporting a texture it lost its orientation into Artlantis

5- More information and updates...

Contact Us!

Please feel free to contact Abvent, or the worldwide partner network, for further information!

To find your nearest Artlantis reseller or distributor, please visit the www.artlantis.com/partners website!

In case you need any technical support regarding Artlantis, please contact the Artlantis Support Center at

www.artlantis.com/supportcenter

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