

# Modelldaten aus Datei nach Bimplus hochladen

You can upload planning data *directly* to Bimplus from clients (= planning tools) other than Allplan or Revit only if an appropriate service is available for the client. Use the Bimplus API (*application programming interface*) to program this service.

If such a service is not available, you must export the planning data in IFC format or SketchUp format from the planning tool before you can upload the data to Bimplus.

As opposed to uploading data directly from Allplan, uploading data from a file requires an existing Bimplus project. In other words, you must create the Bimplus project before you upload data from other clients to Bimplus for the first time. However, if an appropriate service is available for the client, you do not need to create the Bimplus project in advance.

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## Uploading a new specialist model

When you add your own planning data to a construction project by uploading the data to Bimplus for the first time, you usually create your own specialist model in the Bimplus project. You maintain this model over the course of the construction project.

### To create a new specialist model in a Bimplus project

#### This is only possible if ...

You exported the planning data in IFC or SketchUp format from the planning tool  
You signed in to the **BIMPLUS** web portal (see "[Signing in to the BIMPLUS web portal](#)")  
The Bimplus project exists  
You have the required rights (see "[Rights in Bimplus](#)")

1. Make sure the project for which you want to create a new specialist model is the current project (see "[Selecting the current Bimplus project](#)")

2. Select the navigation menu by clicking  **Show navigation menu** on the title bar of the **BIMPLUS** web portal.

3. Click  **Upload and administrate models**.

You can see the specialist models of the current project.

4. Click  **Add model**.

5. Select the required IFC file or SketchUp file in the **Open** dialog box.

6. Click **Open**.

7. You can see the **Add model** dialog box. Enter a name for the specialist model in the **Model name** box.

This is the name by which you can identify the planning data after import to Bimplus.

8. Click **Upload**.

This uploads the planning data to Bimplus.

9. As soon as the upload is complete, close the **Add model** dialog box by clicking **CLOSE**.

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## Updating the planning data of a specialist model on Bimplus

To keep the planning data of your specialist model up to date over the course of the construction project, you must update the planning data saved on Bimplus at regular intervals.

Each time you do this, you can decide to synchronize the current data with the new data or to overwrite it completely. Further on you decide, whether a new revision is created or not.

In the dialog box **Update Model** you get the following options:

☒ Synchronize model data (merge to existing model data in Bimplus)

☐ and create a new revision

This option uploads *only those objects*, which have been *changed* or *added new* to the model data. Deleted objects will be removed from the model. The model revision remains the same.

This way is faster than the **Replace model data** option.

☒ Synchronize model data (merge to existing model data in Bimplus)

☒ and create a new revision

This option uploads *only those objects*, which have been *changed* or *added new* to the model data. Deleted objects will be removed from the model. Along with that a new model revision is created.

This way is faster than the **Replace model data** option.

☒ Replace model data of the latest revision

☐ and create a new revision

This option uploads the new model data *completely*. All model data of the latest revision will be deleted. Issues, spots, comments etc. will remain untouched. The model revision remains the same.

☒ Replace model data of the latest revision

☒ and create a new revision

This option uploads the new model data *completely*. All model data of the latest revision will be deleted. Issues, spots, comments etc. will remain untouched. Along with that a new model revision is created.

## To update the planning data of a specialist model

### This is only possible if ...

You exported the updated planning data in IFC or SketchUp format from the planning tool  
You signed in to the **BIMPLUS** web portal (see "[Signing in to the BIMPLUS web portal](#)")  
You have the required rights (see "[Rights in Bimplus](#)")

1. Make sure the project for which you want to update the planning data of your specialist model is the current project (see "[Selecting the current Bimplus project](#)")
2. Select the navigation menu by clicking  **Show navigation menu** on the title bar of the **BIMPLUS** web portal.
3. Click  **Upload and administrate models**.  
You can see the specialist models of the current project.
4. Open the tree structure on the side menu. Go to the  **Model** that you want to update, click  **Options** and then  **Update/New revision**.  
Or:  
If  **Icon view** is selected:  
Point to the model that you want to update, click  **Options** and then  **Update/New revision**.  
Or:  
If  **Table view** is selected:  
Go to the **Options** column of the model that you want to update and click  **Update/New revision**.
5. Select the required IFC file or SketchUp file in the **Open** dialog box.

6. Click **Open**.

7. You can see the **Update model** dialog box. Decide whether you want to overwrite the existing model or to synchronize it with the new model data and further on a new revision shall be created (see above).

8. Click **UPLOAD**.

This uploads the updated planning data to Bimplus.

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