

# Revit Planning with Articles and Bills of Materials

The use of Revit in an article-based planning process entails tasks that are not covered by Revit Standard.

Below, we have listed certain functions of the Data Connector that optimize and automate planning processes and integrate them into upstream and downstream systems.

## Linking articles with ERP

At the push of a button, you can compare Revit parameters with the current material master data in your ERP system or enter foreign languages from the article master of the ERP system in Revit.

Your project data is thus always up to date, even if you have copied parts of the plan from old projects.

## Generating item numbers

The Revit Data Connector allocates uniform item numbers for all identical components, which are then applied to the component as parameters. The item numbers can also be output on the drawing and in the bill of materials.

## Generating a complete bill of materials

Revit can only evaluate components of the same type in a list. The Data Connector, on the other hand, can combine all the components of a project in a bill of materials, as required for a production bill of materials. Quantities of the evaluated components are recorded in a quantity column.

## Bill of materials division

The items in the bill of materials can be output divided according to freely configurable characteristics, e.g., by room, construction phase, or transport pallet.

## Determining and outputting weights

Individual and total weights can be determined and output.

Weights can be summed up using a selectable parameter value, such as room, pallet, or workstation.

## Exporting the bill of materials to Excel or ERP

The bill of materials can either be inserted into the plan or exported as an Excel or XML file for import into the ERP system.

## Growing BOMs

Bills of materials for a project often have to be transferred to the ERP system multiple times. With the Data Connector, you'll have this process under control.

## Experience

We have already integrated CAD interfaces on the following ERP systems: abas ERP, AvERP, avista.ERP, canias ERP, eEvolution, IFS Applications, infor, Isah ERP, proALPHA, PSIpenta, Microsoft Dynamics NAV, sage, SAP Business One, SAP ERP, SAP R/3, SIVAS.ERP and SYSPRO.