ALLPLAN

PERFORMANCE HIGHLIGHTS

Example of an element data sheet.

Report: Item position list

With Allplan Quantities, you can perform quantity takeoffs easily and reliably. Allplan Quantities forms the link between the Allplan CAD system and any TAI or calculation software. It comprises the function of an element data sheet for qualitative description of CAD objects as well as the structure of a specification. Reports help analyze the quantity takeoff or cost calculation.

QUANTITY TAKEOFF USING THE BUILDING MODEL

In addition to the traditional methods for quantity takeoff, Allplan Quantities also works bidirectionally with the building model from the Allplan CAD system. The elements from Allplan Quantities describe the services required to create a CAD object such as a wall.

If the quantity takeoff is initiated in Allplan Architecture, the program clearly and traceably identifies the quantities of each individual item, together with the calculation basis and the topology, then assigns them to the corresponding items on the specification. You can document and evaluate changes in a number of variants.

AN OVERVIEW OF ALLPLAN BCM QUANTITIES

The perfect link

Allplan Quantities ensures transparent CAD and cost planning based on clear and traceable quantities and therefore provides greater building cost certainty. The program links the Allplan CAD system with any TAI system. The results are documented and displayed clearly. Linking the data avoids inconsistencies and allows you to understand and accurately trace the calculated quantities. The correlation between quality of workmanship and cost becomes apparent very quickly with Allplan Quantities. Hence you can accurately estimate the costs at an early stage of the planning procedure. The effects of project amendments can be easily understood and cost deviations from the plan can be identified at an early stage.

Ideal for work-sharing operations

The Allplan CAD system and Allplan Quantities are tailored to work-sharing operations between CAD and cost management (TAI). In this respect, special emphasis has been placed on the change processes that commonly occur during construction planning. Even the building specifications can be created independently of the drafting work. Project staff can work independently of each other with Allplan Quantities: one can be working on the room and building data sheet or the technical specifications while another creates the corresponding plans. Alternatively, they can use the Design2Cost method. In this respect, the CAD objects already carry the information required for implementation and quantity takeoff. The CAD system searches in Allplan Quantities and calculates the quantities for each item.

Clear and traceable graphical quantities

Clarity and traceability are extremely important in the automation of quantity takeoff. In the case of graphical quantity takeoff, not only the calculation basis and the result are displayed, but the topology too, i.e. the place where the quantities were determined. The building element items in Allplan Quantities contain all the information relevant for quantity takeoff, such as short text, dimension, building trade and the calculation rules. These building elements enable CAD objects to be described with respective qualities. As a result, quantity takeoff is more efficient. The completion certificate (checklist) shows quantity changes or service items that are still required. The documented quantities in Allplan Quantities can be visualized in the CAD system.

Fast creation of building specifications

To allow fast creation of building specifications, Allplan Quantities provides a catalog system similar to those used in TAI systems. This makes it extremely easy for you to use your office's own texts.

Allplan Quantities for calculating building costs

With Allplan Quantities, building costs can be calculated according to traditional or extended construction element methods. Different implementation and cost variants can be created much faster with Allplan Quantities than with conventional systems. Instead of the usual, time-consuming exchanging of complete elements, Allplan Quantities allows you to simply alter the reference to the standard of workmanship with a click of the mouse. The system recalculates the costs and displays these in connection with the updated sub-services.

Current interfaces

Allplan Quantities contains the GAEB interfaces 90, 2000 and DA XML as well as free data exchange formats such as ASCII, Excel and dBase.

Teamwork is supported

In addition to displaying the project in a tree structure, the details can be displayed simultaneously vertically or horizontally on index cards. This provides a better overview for all project participants. With the License Server option, Allplan Quantities can be installed on as many workstations in the network as required and can be started as often as the number of licenses allows. This means everyone has access to the same version of the data.