CADflow –
DATA MANAGEMENT BETWEEN FAMOS AND AUTOCAD IN NO TIME

CADFLOW

Companies with grown structures often keep their data redundant in several systems, e.g.in the CAD design program and CAFM system. This not infrequently leads to inconsistencies, which can sometimes lead to further success-critical errors. The powerful FAMOS CADflow enables a fast comparison between the data of the FAMOS database and the CAD drawings and thus ensures a permanently increasing data quality.

A valid, structured database is the centrepiece of every CAFM system, because only with high-quality data meaningful analyzes can be carried out and valuable findings can be gain for the targeted management of buildings and properties. However, the prerequisite for such high-quality data is their constant maintenance. But this point always presents companies and institutions with major problems.

In facility management, it is sometimes not uncommon to maintain data not only in different systems, but also by different departments – e.g. For example, if building and floor data of various properties and rooms are to be stored on the one hand in the CAFM system and on the other hand in corresponding CAD drawings. To meet this challenge, FAMOS CADflow is a powerful and easy-to-use solution that makes duplicate data maintenance a thing of the past.

MODULE FUNCTIONS

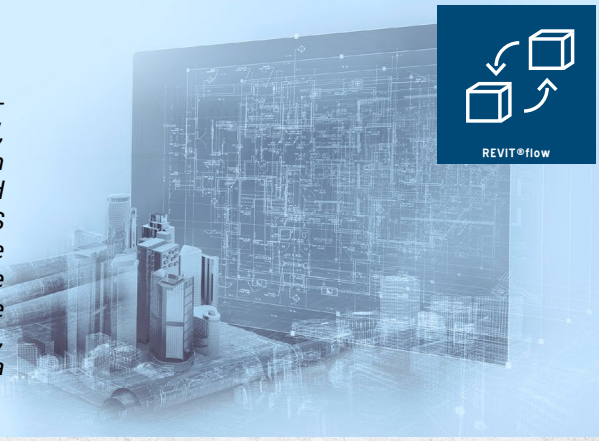
- **Bidirectional interface between AutoCAD and FAMOS**
- **Linking of CAD and CAFM data**
- **Identify objects in the other system**
- **Automated data transfer from CAD to the FAMOS database and vice versa**
- **Construction of high-quality FM structures based on existing CAD plans**
- **Visualization of database evaluations in CAD**
- **Clear presentation of graphic and alphanumeric data**

THE BENEFITS FOR YOU

- ***Error minimization through the efficient synchronization of CAD and CAFM data***
- ***Clear presentation of the relationships between alphanumeric and graphic real estate and building data***
- ***Time-saving and comfortable data maintenance***
- ***Continuously increasing data quality by reducing the risk of incomplete and obsolete data***
- ***Transparency and process support in building operation***
- ***Extension of the AutoCAD interface and functions***

FURTHER STEPS TO 3D AND BIM

By means of Building Information Modeling (BIM) or also building data modeling, a digital 3D image, a so-called „digital twin", of a property is created with all the necessary information about the building, its characteristics and the structural and technical installations it contains. CAFM systems like FAMOS are increasingly establishing themselves as an indispensable component of BIM strategies. With software solutions, such as the REVIT®flow, the Keßler Group helps you to digitally combine all relevant data from planning, project planning, construction, operation, modernization and deconstruction of a building in a transparent, cross-departmental model.



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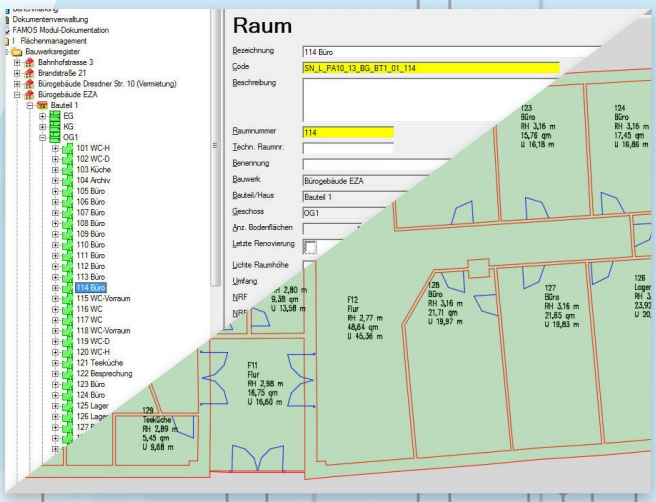
GAIN HIGH QUALITY FM STRUCTURES FROM CAD PLANES

The bidirectional interface of the CADflow, which connects FAMOS with AutoCAD, enables the fast and efficient development of high-quality FM structures in the CAFM system FAMOS directly from the drawing. By importing CAD drawings and plans (e.g. in DWG-format), graphical drawing information and associated attributes are easily transferred to database objects and linked with the associated CAD objects. In this way, FAMOS generates evaluable, alphanumeric data that can also be visualized in CAD. From a floor plan drawing with room polygons, room stamps and blocks, for example, the CADflow can be used to easily build up the FM structure floor, room, floor-space and equipment and manage it in floor-space management.

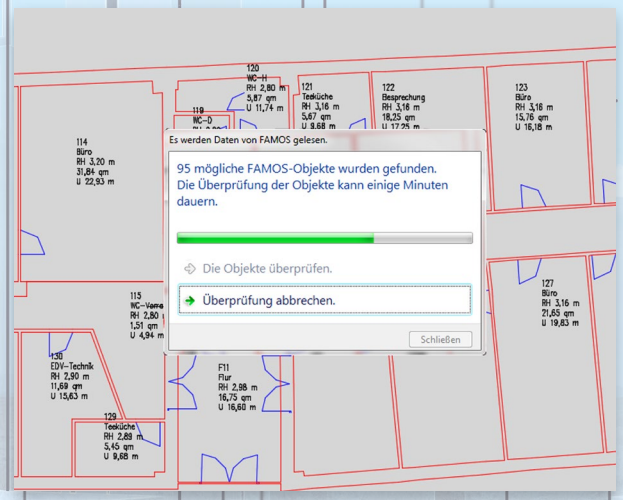


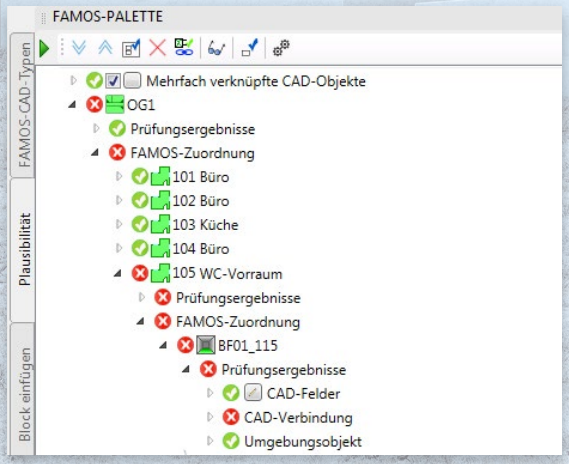
CAD AND BUILDING DATA CLEVER NETWORKED

In addition, existing FAMOS-linked CAD drawings can be updated using the FAMOS CADflow to keep them up-to-date. The bidirectional interface between FAMOS and AutoCAD makes it possible to synchronize the data of both systems at the touch of a button. Thus, changes made in FAMOS are immediately visible in CAD and vice versa. By merging all information, CADflow not only reduces the time and effort required to maintain data, but also reduces the risk of an incomplete and outdated database.

CLEAN DATA THANKS TO PLAUSIBILITY CHECK

The plausibility check - that is, the comparison of the data from CAD and FAMOS database - is the centrepiece of CADflow. It ensures the availability of complete, factually correct and consistent data in both systems, significantly improving data quality. The plausibility check can be initiated both from FAMOS and from AutoCAD. It determines the differences between the two databases and alerts the user to them.





DERIVATION OF GAP AND BAD DATA

On the basis of the structured test results and their clear symbolism, it is possible to see at a glance whether the drawing information corresponds without contradiction to the data in FAMOS or at which points there are differences between the two systems. The user can now change the corresponding data or transfer it from one system to the other - without having to adjust existing data records or maintain them twice.

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