

## Time to act ... because mistakes in planning cost money!

Use of our Cable Management makes both the engineering and management of cable systems easier while increasing efficiency in the implementation phase.

An additional central element for the planning of new cable systems or the operation of existing cable systems is comprehensive documentation. Our Cable Management assures that the systems planned by us always comply with requirements and standards and this is always verified with comprehensive documentation.

## The benefits are obvious:

- Cable route documentation for every single cable
- Ensuring required redundancy
- Fulfilment of all fire protection regulations
- Fulfilment of NISV regulations
- Traceability of all changes (Change Management)
- Total system transparency with a scale 3D system modelling
- Quick and secure cable route planning (automatic routeing) in the digital 3D cable route model with immediate determination of cable lengths and configurations
- Support in fault analysis
- Simple modification and expansion of the cable route network, even after cable installation has already been carried out
- Simplified operation and maintenance of the cable system

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## **Business Unit Building Technologies**

## 100 % efficiency and 15 % savings!

Experience has shown that the costs for cable waste in new projects is equal to 10 % of the cable investment. With precise planning with cable management, the waste can be reduced to 0.5 %. To put it simply, you save money with planning reliability.

Experience has shown that a project of average size required approximately 100 m<sup>2</sup> of heated storage area. With our cable management, we are able to deliver just-in-time and can thereby cut the required storage area in half, because we know the degree of completion at all times.

Planning and execution with the same tool – that is our claim. With continuous online documentation during the implementation, expensive and time-consuming retracing and recording of cable runs and conduit configurations are avoided. These costs are normally included with electrical planners and installers and are eliminated entirely.

>> This corresponds to a further savings of 2 % to 5 % of the total order volume.

Take advantage of the smart solutions from BETAsolution®. You reduce your project costs with this secure planning tool – and it is very easy.



