



The cybernetically networked project control in the construction industry

With its technology, **KRAUCK SYSTEMS** solves one of the most severe problems when planning and implementing complex investment plans of all types.

With the consistent application from the planning to the completion, construction costs- and deadline-overruns are a thing of the past in the entire construction industry. To date, worldwide no other project management- and control-instrument has been in a position to impact the most important factors for success in construction such as **cost, time and quality** as positively and to ensure the implementation of all construction projects according to plan.

Three decades of experience

In 1985, master-builder Alfred Krauck took over the construction company of his father in Linz, Austria. He repeatedly noticed deficiencies in the implementation of construction projects, which were based on planning mistakes and plans that had not been coordinated between the single groups. Because these conflicts are often recognised too late, the consequences were often construction time and cost overruns. These consequences could have been avoided if all construction plans had been completely captured and the correctness reviewed.

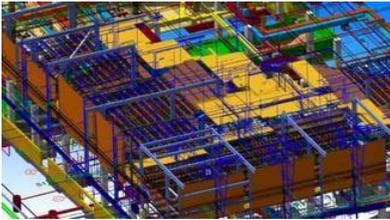
The consequence: A project-related responsibilities and competence level had to be created, so that the builder-owner could still guarantee the 100% alignment of all construction plans across all groups before construction start.

VISION:

- Setting a new standard in the implementation of big projects worldwide
- No more construction cost and building time overruns
- Reduction of unnecessary costs and expenditure without disadvantaging anyone
- Enforcing a consistent to-do management and controlling from the project start
- Achieving an increase in transparency and the fulfilment of compliance guidelines

With **KRAUCK SYSTEMS**, a server-supported solution was subsequently developed, which, after three decades of application and development, in the meantime includes 6 million lines of code and definitely does not permit any cost and deadline overruns. The evidence has been produced in more than 250 implemented construction projects already. [References](#)

KRAUCK SYSTEMS - What it is and what it can do



KRAUCK SYSTEMS is the leading provider of a project management and control system based on real data. Through specially trained engineering specialists, all relevant information, plans, specifications and norms on any investment projects are already collected in the planning phases and converted into a **real-data faithful 3D model**. [3D gallery](#)

That way, the entire subsequent building process is already simulated in the planning stage and visualised on the basis of the aligned data. With the help of control functions, especially at the connection points between single groups, errors, lack of planning and deviations from the builder-owner's specifications are systematically detected and removed in due time before the start of construction.

The result is a gapless planning basis which has been completely coordinated across all groups for the entire construction project. In the then subsequent construction execution, that means **CONFLICT-FREE ENGINEERING**: preventing construction delays, addendums, stand-stills, legal disputes and the respectively associated added costs for the builder-owner or the investor.

The scope of services is divided into 3 service groups and payment models:

- [KS PLAN-CHECK](#) - Initial check | partial check | complete check
- [KS PROJECT MANAGEMENT](#)
- [KS TOTAL PLANNING](#)

The application of the KRAUCK technology is thus significantly more complex and efficient than the diverse solutions under the header [BIM](#) (Building Information Modelling) could deliver. This tool for methodical planning and control construction planning can only be as good as its user's skill in operating it and feeding it correct and cross-aligned (original) data. **KRAUCK SYSTEMS** assumes the responsibility for the alignment with a technology specifically developed for this, on the basis of time-exact and pinpoint precise real data, which are dynamically verified in a single, central database for all work groups. [3D gallery](#)



We will gladly produce a first [PLAN CHECK](#) for your construction projects as an investor, architect, planner or project-controller or -developer.

The goal

The primary goal of **KRAUCK SYSTEMS** is the optimisation of planning and construction processes, recognising and preventing non-coordination to keep within and reduce the estimated project costs. Our ambition and simultaneously our motivation is to meet the deadlines and budgets specified by our clients - and to undercut these significantly in most cases.