

# EPG<sup>®</sup> CONSULTING

## LOGISTICS PLANNING

Comprehensive analysis of your logistics and preparation of a new logistics strategy



### EPG CONSULTING Logistics planning

- ✓ Planning and implementation of whole logistics systems
- ✓ Comprehensive planning – from inside to outside
- ✓ Planning of material flow, capacity and areas
- ✓ Preparation of performance specifications for logistics and IT systems
- ✓ Project management in all implementation phases
- ✓ Planning and execution of commissioning and acceptances

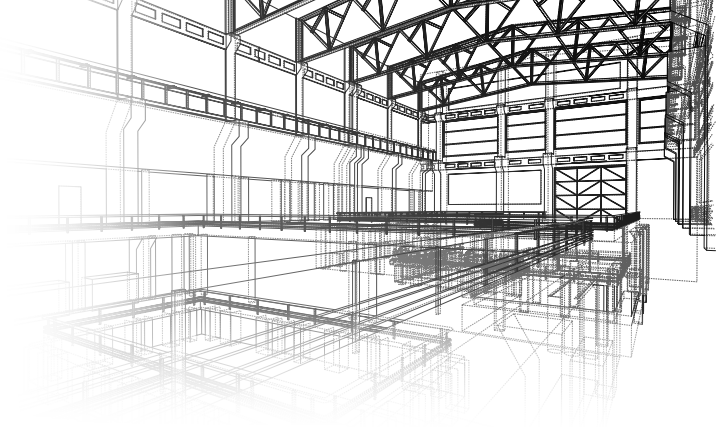
All successful logistics projects are based on thorough planning. This is particularly true for the concept phase, where a flexible, cost-optimised solution has to be found.

EPG CONSULTING knows the various application options of all conventional and new technologies. The consulting is always vendor-independent and neutral, with a view to finding the most economically viable solution. For customers, this means maximum transparency for the individual system components – whether hardware or software – such as a warehouse management system or logistics components.

With EPG CONSULTING, you can optimise your intralogistics comprehensively and independently, from goods receipt to goods outgoing. As a neutral partner at your side, vendor independence and individual project implementation are matter of course for us.

We can support you with the planning and implementation of the roject and are also available as a competent partner at your side for the subsequent implementation and support – neutral and vendor-independent.





## Planning new logistics systems

Many factors come into play during the planning of a new warehouse. It is important to identify these, examine them in the bigger picture and coordinate them optimally in the future logistics system.

Together with you, we use the initial fact finding to determine your requirements for storing the articles, the material and process flow in the warehouse, the information flows based on this as well as any external and limiting factors. The quantity structure is the most important basis for planning. Here, your articles are examined in detail and inventory and movement data are determined.



Once the quantity structure has been determined, the planning can start. This involves the step-by-step planning and refining of the future organisational, technical and economic system configuration. Different variants, for example for warehouse or transport systems, are examined and assessed based on your requirements and the future capacities are planned for the existing areas. We always keep expandability of the systems and the building in mind during this process.

When your future warehouse has been planned roughly and sketched out, the detailed planning can begin. The request-for-quotation documents and the requirements catalogues for the warehouse, transport and IT systems are generated once detailed planning is complete. As a competent and independent contact, we are always available to support you for coordination and negotiations with vendors.

## Reference values

### Planning of a new finished goods warehouse (production items)

**Task:** Optimising the footprint and capacity of a new finished goods warehouse with a production link.  
**The result:** 40% less space used with 15% more storage space capacity

**2 million €** construction costs saved

### Master planning for logistics – planning of a new distribution centre (retail)

**Task:** Supplying to more than 50 stores and online shopping (B2C)  
**The result:** Centralised warehouse logistics and managing of logistics services for third parties (3PL)

**< 5 years** return on investment (ROI) period

### Planning of a new logistics strategy and inventory optimisation (food industry)

**Task:** Planning of an automated high-bay warehouse and production supply and removal using automated guided vehicles (AGV)  
**The result:** Storage capacity increased by more than 85 % and logistics capacity increased by more than 25 %

**0.85 million € per year**  
 Reduction in operative logistics costs