

LOGISTICS PLANNING

HOLISTIC VIEW ON YOUR LOGISTICS AND
ELABORATION OF A NEW LOGISTICS CONCEPT



SERVICES OF EHRHARDT + PARTNER CONSULTING

- Planning and implementation of overall logistics systems
- Holistic planning – from the inside to the outside
- Material flow, capacity and space planning
- Elaboration of function requirements for logistics and IT systems
- Project management in all implementation phases
- Planning and support of the implementation and acceptance process

Careful planning is the basis of a successful logistics project. This is especially important for the concept phase in which the selection of a cost-efficient and flexible solution is essential.

Ehrhardt + Partner Consulting knows the potential uses of all proven and new technologies. The consulting services are always manufacturer-independent and neutral to find the economically most suitable solution. For our customers, this means the maximum transparency concerning the system components – be it hardware or software – like a warehouse management system or logistics components.

With Ehrhardt + Partner Consulting, you can optimize your internal logistics from goods receiving to good dispatch, with an independent and holistic approach. For us as your neutral partner, independence from suppliers and individual project implementation are a matter of course.

We would be glad to support you in planning and executing a material flow and process analysis. Afterwards, we will be at your disposal as a competent, neutral and independent partner for the implementation.

When a **new warehouse is planned**, there are many factors to be considered. Knowing these factors is important to be able to see them in context and optimally combine them in the future logistics system.

Together with you, we will determine **your requirements** concerning the storage of products as well as the material, process and information flow in the warehouse. We will also consider external and limiting factors. The most important basis for the planning process is the **determination of the quantity structure**. Here, your items will be analyzed to determine stock and movement data.



Once the quantity structure has been determined, the **planning phase** can begin. This phase includes the design of the future **organizational, technological and economic system**. Different variants, for example for the storage and transport systems, will be analyzed and evaluated based on your requirements. In addition, the future capacities will be planned based on the available space. The possible **extension of the systems** and the building are always kept in mind.



After roughly planning and outlining your future warehouse, the **detailed concept** can be created. The **creation of the tender documents** and the requirements documents for the storage, transport and IT systems takes place once the detailed concept is finished. As your competent and independent partner, we are also at your disposal for the coordination and negotiation with suppliers.

REFERENCE VALUES

Planning of a new finished product warehouse (production)

- Task:** Surface and capacity optimization for a new finished product warehouse with a connection to production.
- Result:** 40 % less space utilization combined with 15 % more bin location capacity.

2 million euros
of construction cost savings

Master planning for logistics – Planning of a new distribution center (retail)

- Task:** Supply of more than 50 shops and online mail order business (B2C).
- Result:** Centralization of warehouse logistics and handling of logistics services for third parties (3PL).

< 5 years
of payback time (ROI)

Planning of a new logistics concept and optimization of stocks (food industry)

- Task:** Planning of a high bay warehouse for production supply and disposal using driverless transportation systems (DTS).
- Result:** Increase in storage capacity by more than 85 % and increase of the logistics performance by more than 25 %.

0.85 million euros p.a.
reduction in operative logistics costs

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