

INGENIEURGESELLSCHAFT

HANLI

PAINT.TEC Ingenieurgesellschaft HANLI mbH

We are

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Our Portfolio



- Factory planning of the rough layout up to this one Putting into operation
- Process analyses and -optimisations (FMEA)



Planning of

- Cubicle technology
- Application technology
- Method technology
- Material- and Paint supply
- Pre-treatment, ED-Coating, Anticorrosive-coating, Primer-, Basecoat-, Clearcoat-processes

Project management, factory planning

Paint shop planning

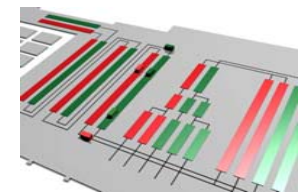
Assembly planning

Logistics concept, material flow

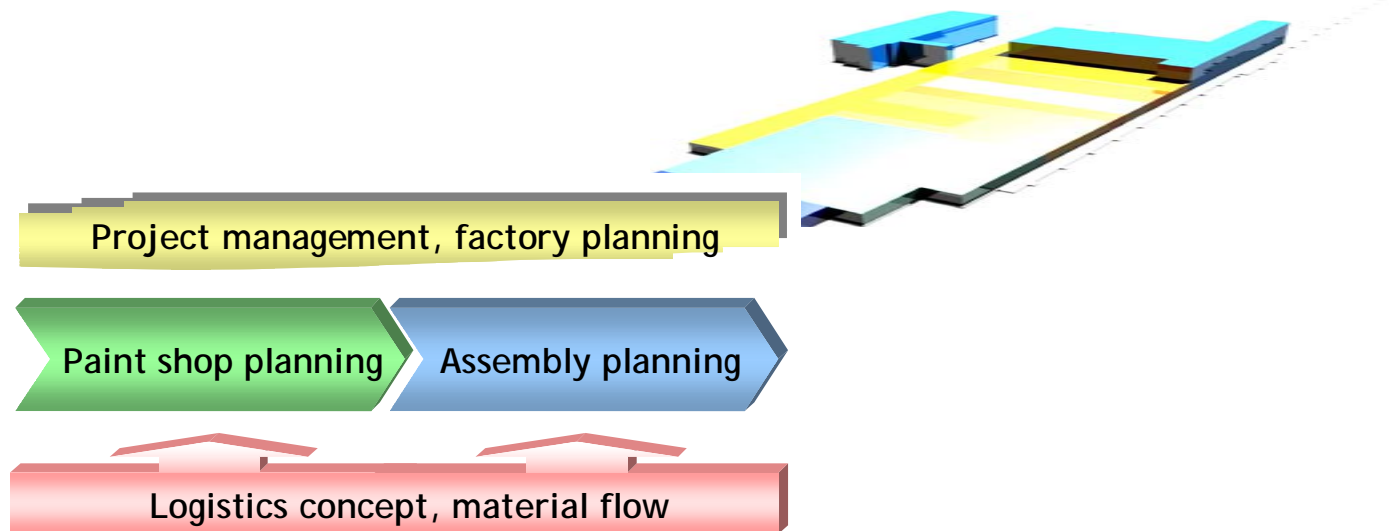
Planning of

- Screwing technology
- Assembly lines
- Means- and Operating supplies
- Manipulators

- Simulation Studies
- Planning of Logistics centres, Supplier parks
- Container management
- Production shift



Ours Strengths



We are recognized partners of the planning and production of the automobile and automobile supplier industry

- 14 years (90 man years) project experience in the automobile industry
- Recessed knowledge in the industrial painting technology
- Technological competence and Consistent customer orientation
- Professional aim oriented Procedure
- Manufacturer independent support of the complete investment chain from a hand

Paint shop planning

Paint shop planning



Project management, factory planning

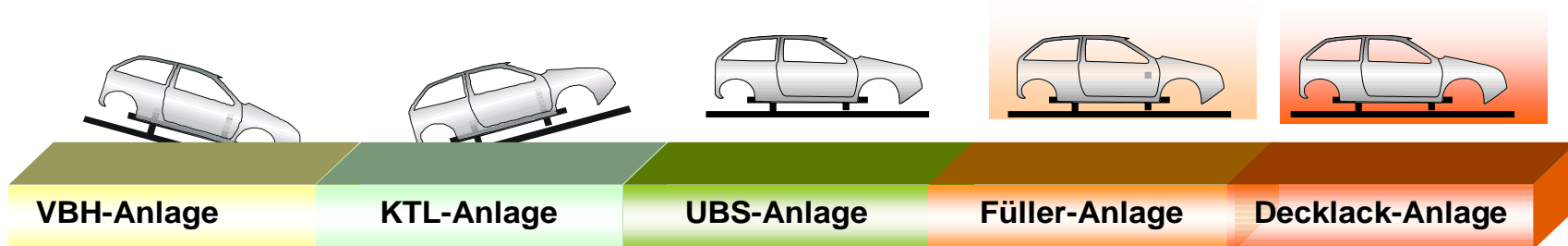
Paint shop planning

Assembly planning

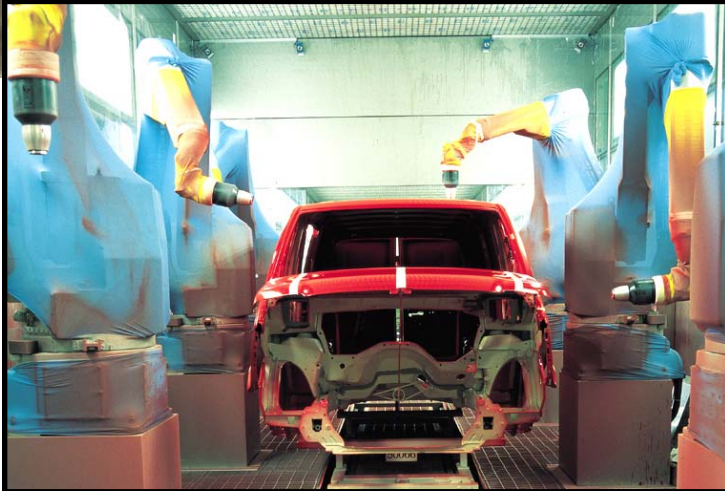
Logistics concept, material flow

Paint shop planning

- Advertising document for Paint shop-planning for the automobile industry:
 - Planning and putting into service from Pre-treatment-, ED-Coatings-, Anticorrosive Coating and covering lacquer plants
 - Special technology procedures, Application procedures, Paint supply-systems, Sewage- and output air treatment
- Factory planning from the Concept construction to the Execution planning with the systems HLS (MicroStation), AutoCAD and ProEngineer
- Coordination Expert removals and Construction of test documents
- Documentation underlay: flight plan, Business security reason, work safety



Our team is effective of Planning experiences within the last years for the following projects back:



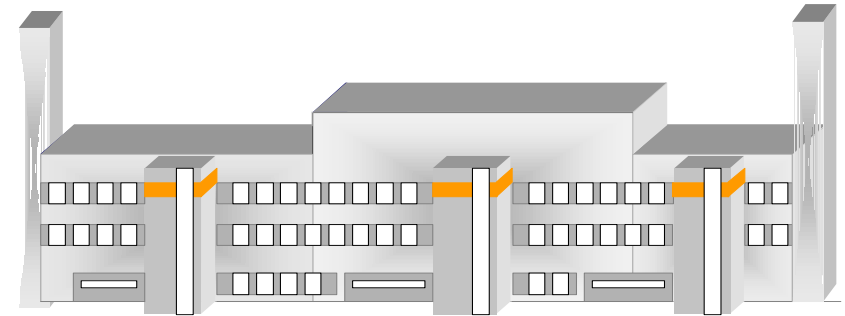
Our Order:

- Subject support for construction of Advertising documents for a new paint shop by Volkswagen Commercial vehicles in Hanover
- Application technology, Paintsupply, Cubicle Lay-out, Material flow, promotional program
- Company of Translation into action, putting into service and acceptance
- Catalogue all operating supplies and work instructions

Our team is effective of Planning experiences
for the following projects back:

Paint Shop Plans

- Volkswagen AG
 - Complete Paint shop Wolfsburg
- Skoda
 - Paint shop Mlada Boleslav
- Volkswagen Poznan
 - Paint shop (Pre-treatment, ED-Coating, Anticorrosive Coating, Primer, base and clear coat, completion)
- Volkswagen Nutzfahrzeuge
 - Painting line 3 (T4/5)
 - Pre-treatment - and ED-Coating line T4/5 and LT2 and Anticorrosive Coating line LT2,
 - Paint shop for T5 (Primer-, base and clear coat lines)



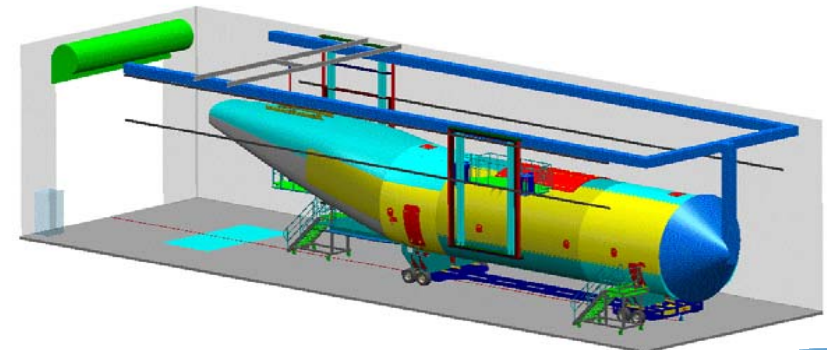
Our team is effective of Planning experiences within the last years for the following projects back:

AIRBUS Project A400M

- Examination of alternative ventilation concepts of a preservation cubicle and the trunk to the construction of advertising documents
- Supply to the application technology, colour supply, lay-out, material flow
- Offer of the translation into action, putting into operation and removals

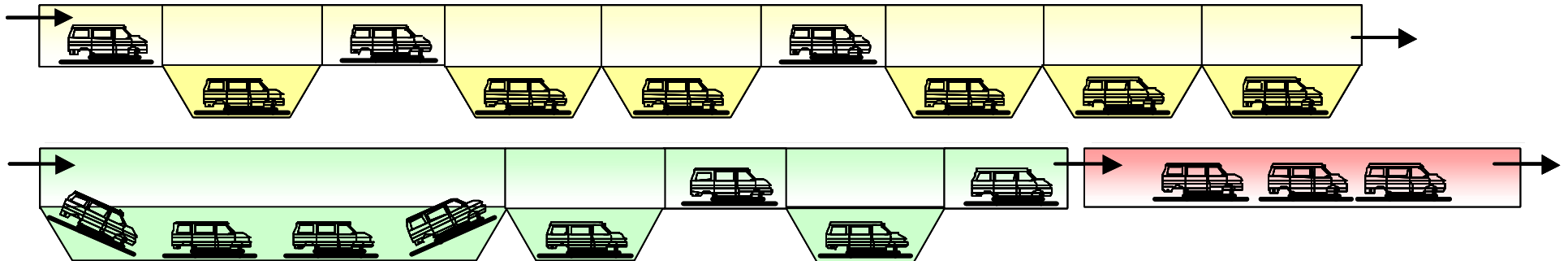


Paint- and Restreatment-Boxes



Our team is effective of Planning experiences within the last years for the following projects back:

Pretreatment plant



Pre-treatment and ED Coating:

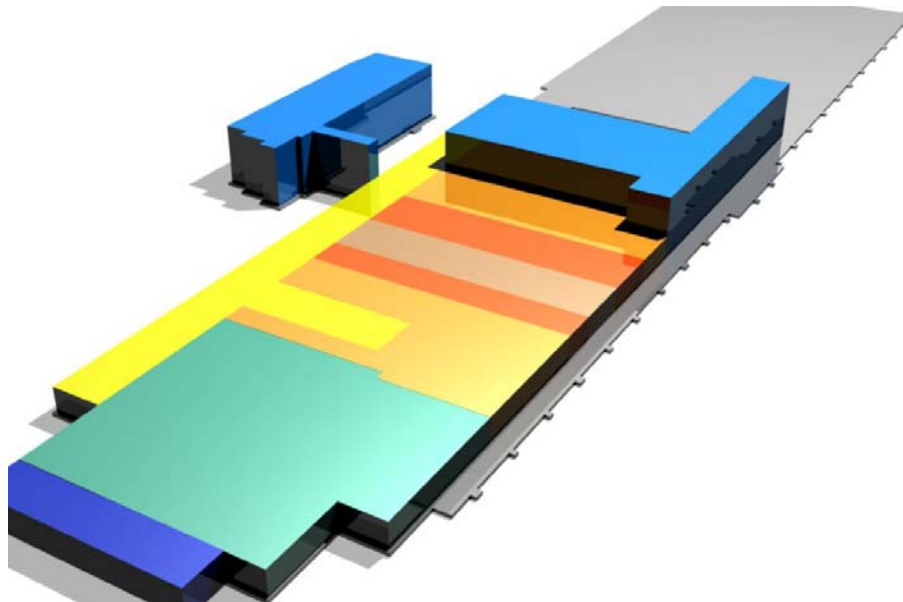
- New building for a components Pretreatment and ED Coating -plant: Concept, Processes, Layouts, Preplanning and Interpretation
- Transfer the components to Pretreatment and ED Coating -plant
- Concept for a Pretreatment and ED Coating -plant for the Microbus (Vario-Shuttle, RoDip)
- Current optimisation a being ED Coating -plant
- Optimisation a being Pretreatment plant

Our works

- Variant analysis
- Planning method technology, plant technology, Buildings, Promoting technology, Plans, Schedule, Costs



Project management, factory planning



Project management, factory planning

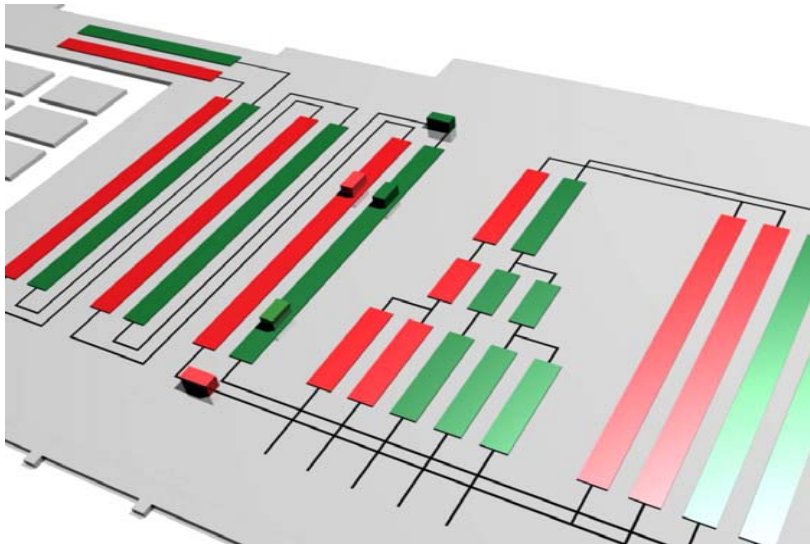
Paint shop planning

Assembly planning

Logistics concept, material flow

Assembly planning

Assembly planning



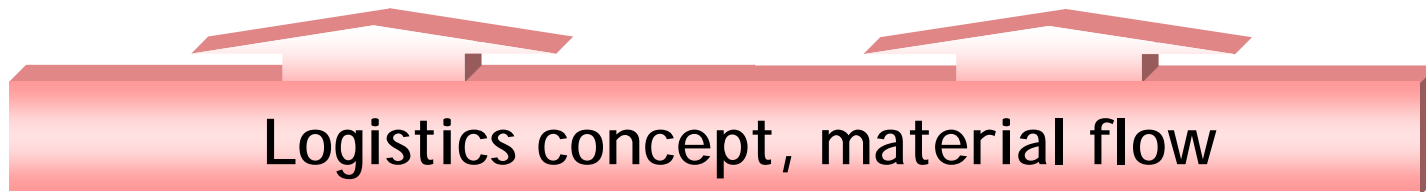
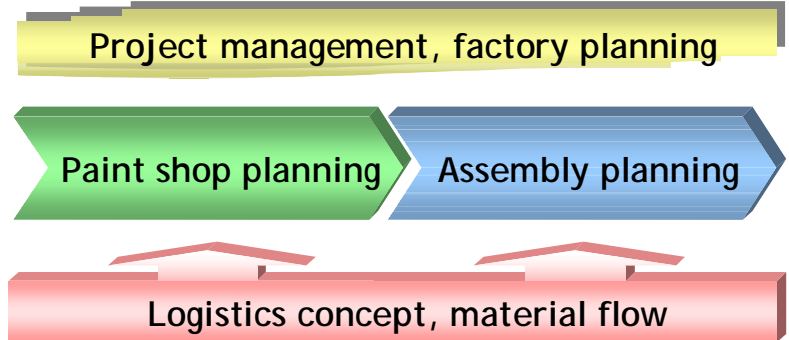
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What can we do
for your
business?