



## References

### Brief overview

from	to	Project description	Customer
2011	2012	Development of a database-supported project management application to control assemblies and commissioning.	RWE
2010		Revision of the interdepartmental processes and technical support for the contractual processing	RWE
2009	2010	Schedule coordination of the electrical and control technology volumes for switching station buildings, transformers, installation packages.	RWE
2008		Project planning of a gear-less wind power generator prototype.	Siemens
2007	2008	Project leadership for scheduling and coordination of production processes (SCM) for manufacturing special electrical machines – through to delivery.	Siemens
2006		Development of a database system for project management, budgeting, cost controlling, claim management.	ThyssenKrupp
2005	2006	Investment planning, specifications for new project tasks and infrastructure measures, invitations of tenders, cost control as well as contract implementation.	ThyssenKrupp
2004		Project management Engineering / Extension of workshops.	ThyssenKrupp
2003		Revision and optimization of railway carriage manufacturing processes.	ThyssenKrupp
2002		Planning, design and commissioning of endurance test bench systems for combustion engines.	BMW
2001		Planning and design of wind tunnels.	BMW
2000		Re planning the production line for the manufacture of magnetic resonance.	Siemens
1999		Project planning of a new design studio for the construction of vehicle studies.	BMW
1998		Layout planning of offices, production plants and workshops.	BMW
1998		Development of test benches for hybrid drive endurance testing.	Continental
1997		Quality management for ISO 9001/QS9000 certification.	VARITY
1996		Development of endurance test benches for anti-blocking systems.	VARITY
1995		Planning, development and equipping of hydraulic laboratories.	VARITY



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## Professional experience

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since November 2009 Scheduling and IT coordination of RWE construction management and commissioning  
RWE Technology GmbH, Hamm coal-fired power station new construction project (project volume €2.4 billion)

- Development of a database-supported project management application to control assemblies and ensure commissioning schedules. With this Microsoft SQL server based tool, individual information, such as time schedules, parts lists, additional information on the project, detailed background data on the construction and operation as well as the individual requirements of the individual departments involved are collated and processed. Use of this tool results in the targeted control and evaluation of this project. Other important factors are the prefabricated and pre-filled protocols, which have a large impact on simplifying and shortening the work-flow.
- Revision of the interdepartmental processes and technical support for the contractual processing of specific themes. This comprises the introduction of a new tool – Sharepoint “Team@Work”, which helped to make possible the establishment of an interdepartmental and cross-client communication basis. The focus of these coordination-relevant themes included the coordination of scaffolding work and radio-graphic testing.
- Scheduled coordination of the electrical and control technology volumes at the construction site up to the end of 2010. This activity focused on the harmonization of electrical and control technology schedules with all the other logistical activities of the construction project. In this case, the task comprised the assembly activities concerned with the track construction, the electrical drives, the cable tension, transformers and switchboards in all buildings (approx. 15 structures) and external areas.



from 2007 to 2009

Project management  
Siemens AG, Industry DT LD Special Machines, Berlin  
(project volume €25 million p.a.)

- Project planning of a gearless wind power generator prototype. This task comprised the coordination of various departments, such as procurement, development, production and supervision with regard to schedules.
- Scheduling and coordination of production processes (SCM) for manufacturing special electrical machines – through to delivery, as well as the technical supervision of the international customer base. These drives were invariably customized special models for the mineral extraction, extractive and processing branches (oil, gas, metal and mining industry).
- Introduction of an interdepartmental database for improving the project management processes. A database-supported tool was used to simplify and shorten the inter-divisional harmonization between the departments.

from 2003 to 2006

Project Manager for developing the infrastructure and process optimizing  
ThyssenKrupp Marine Systems, Athens  
(project volume €20 million p.a.)

- Investment planning, producing specifications for new projects, and infrastructure measures, invitations of tenders, cost control, scheduling as well as contract implementation. As part of a dockyard overhaul, it proved necessary to improve the infrastructure and production of the dockyard. This task included the recording of the status quo, renovating the production plants, improving the supply situation as well as more efficient warehousing and disposal.
- The entire planning/expansion of workshops. This task comprised: producing design layouts based on new manufacturing technologies, commissioning a new paint-spray cabin, new testing tracks for the composition of trains, renovating a workshop for the processing of major components for ship-building/revision and the digital recording of the entire dockyard using aerial photos for the purpose of a suitable land utilization plan.
- Revising and optimizing manufacturing processes in the area of rolling stock construction. This involved a precise analysis of all work steps, as well as development and implementation of a cost-benefit analysis. The target was a large-scale increase in quantities.
- Development of a database system for the project management, with the main attention directed on accounting, budgeting as well as contract and claim management. The database focused on maintaining the financial framework conditions of the contracts.



from 1998 to 2002      Production and Work Planner  
Schwarzberger Planning Office / IEP GmbH, Munich  
(Project volume €10 million p.a.)

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|---|------------------------|
| <ul style="list-style-type: none"><li>• Project planning of a new design studio for commissioned model construction.<br/>This work focused on the set-up and layout of the studio. The models are presented in their original dimensions as demonstration objects.</li></ul>  | BMW AG                 |
| <ul style="list-style-type: none"><li>• Development of new engine testing cabins and the enclosing structure.<br/>This task includes the layout planning for the new endurance test benches for testing combustion engines. The cabins are inserted into the structure and connected to the TGA as well as the computer control unit. The cabin forms its own habitat, while the engine is supplied with media conditioned in different ways.</li></ul> | BMW AG                 |
| <ul style="list-style-type: none"><li>• Planning studies to incorporate a vehicle simulator (fease cubing) into the premises of a development center.<br/>This included consideration of the space requirements by means of 3D animations, accessibility and technical supply.</li></ul>  | BMW AG                 |
| <ul style="list-style-type: none"><li>• Layout planning of offices, production plants and workshops.<br/>Layout planning, producing specifications, planning the supply media, ergonomomy and material flow.</li></ul>  | BMW AG                 |
| <ul style="list-style-type: none"><li>• Concept design and planning of the external wind tunnel.<br/>This design ensued following the use of state-of-the-art 3D tools that allow a precise flow calculation (FE).</li></ul>  | TU Munich              |
| <ul style="list-style-type: none"><li>• Workshop planning and concept design of production processes in the medical technology department.<br/>This enabled the extensive analysis and optimization of the manufacture of magnetic resonance scanners.</li></ul>  | Siemens AG<br>Erlangen |



from 1997 to 1998      Technical Employee for Modification of the Test Procedures in the Area of Accessory Drives for Automobile Technology  
Gründl & Hoffmann GmbH (Continental, ISAD), Starnberg  
(Project volume €5 million p.a.)

- Revisions/Improvements of endurance test benches for integrated starter/alternator dampers.  
The test benches are intended to test the life cycle of an asynchronous motor for installing between the combustion engine and the transmission. This electrical drive replaces the starter and dynamo, and acts as the gateway to the hybrid drive.

from 1993 to 1997      Technical Consultant  
Lucas/Varity (Kelsey-Hayes) Automotive GmbH, Mainz-Kastel  
(Project volume €5 million p.a.)

- Development, Construction of endurance test benches for anti-lock braking systems (ABS).  
These test benches represent a solution for the various task areas, which require test benches both for stationary and mobile use. The stationary test benches serve to test the continuous load, while the mobile test benches are intended to measure the anti-lock braking systems in the vehicle.
- Planning and equipping of a hydraulic testing laboratory.  
A new hydraulic testing laboratory was required for Varity Kelsey-Hayes (a newly established company in Germany) for conducting tests and trials of the functionality of an anti-lock braking system for the various vehicle models.  
This task involved planning and equipping.



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## Studies and professional training

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- from 1995 to 2000      University of Applied Sciences Munich, Mechanical Engineering  
Specialization: Production engineering / CIM  
Qualification: Degree in Engineering
- from 1989 to 1992      Training as industrial mechanic  
Specialization: appliance and precision mechanics  
Eaton Controls GmbH & Co. KG, Langenlonsheim  
Construction of prototypes for injection molding elements in automotive  
production, equipment components and adjuster systems

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## Other

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- Foreign languages      Fluent written and spoken English skills  
French and Greek basic skills
- IT Knowledge
- All Office applications
  - MS Project
  - Oracle Primavera P6
  - SAP R/3 PS
  - MS SQL Server
  - MS Sharepoint
  - Autodesk AutoCAD
  - Bentley Microstation V8
  - SPS programming
- Driving licence      Class A, B, C1