



Conception of Project Scheduling and Management for Automotive Development Projects

Competence Report

Scheduling at a German OEM needed to be harmonized methodically and implemented in a company-wide standardized project management system.

Initial Situation

Scheduling of automotive projects within the company had been done by means of various systems (MS Project®, Excel®, PowerPoint®) and various methods. Quality and extent of the planning varied within and across projects. This led to a complex situation concerning current and future schedule risks within the project. Schedule problems were recognized much too late and their elimination was only possible through efforts of dedicated additional task forces.

The Task

The efforts of implementing schedule planning should be reduced by following a planning and control concept, which had previously been agreed by all project contributors and project managers. The target was to significantly improve planning quality and thus project control. The usage of a suitable schedule management system was the fundamental requirement for realizing such a concept.

External Support

Based on its year-long scheduling expertise within automotive development projects at various German OEMs and suppliers, ACTANO was mandated with conception and realization within concrete projects.



Resolution Method ACTANO

- Comprehensive analysis of requirements and the specific environment of the company as a basis for concepting
- Creation and consideration of the concept with the project members and presentation at company-intern boards, including mandatory application of RPlan for scheduling
- Pragmatic combination of existing process know-how in order to gain a role-based and linked planning template for project scheduling
- Qualification of key players and project contributors in terms of method and system
- Implementation of the concept in real automotive development projects
- Coaching of project members

Results / Success

- Standardized concept for planning and management of automotive development projects including all integrated sub-projects (production, quality, sales etc.)
- Practice-oriented generic template for project scheduling together with the essential elements (processes and their dependencies) for all relevant project contributors
- Minimized implementation effort for all new automotive projects by means of this generic template
- Qualified and preventive project management by means of a high-quality planning basis
- Concept application within all "new" automotive development projects
- One common data pool without redundancies

Extract from our client list:

Airbus, AKT, Allgaier, BMW, Bosch, Daimler, Edscha, Europrop International, Faurecia, General Motors, GETRAG FORD Transmissions, Gustav Wahler, Hella, Huf, IAV, INA Schöffler, Kinshofer, Komax, Kostal, KUKA, Manz, Marquardt, Mitsubishi, MTU Aero Engines, Osram, Rolls-Royce Deutschland, Rücker, Schwarz Pharma, Sitech, smart, Stankiewicz, ThyssenKrupp Drauz Nothelfer, ThyssenKrupp Presta, Volkswagen, ZF Getriebe u.v.m.

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