



SYSTEMS ENGINEERING

To reduce lead time on products and solutions, it is absolutely essential to ensure production requirements and all technical disciplines involved are coordinated in an effective, systematic and targeted manner. LCM supports its customers as their competent partner.

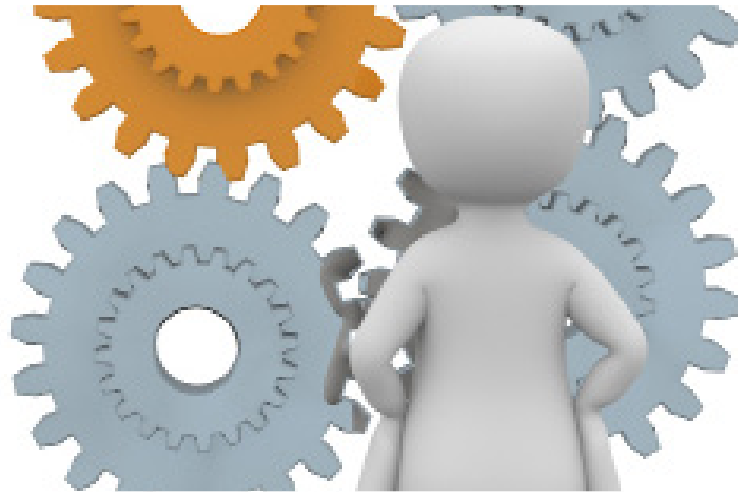
YOUR BENEFITS:

To reduce lead time on products and systems, we need to employ the latest methods for a simple and comprehensive view of requirements from a total system perspective. The various specialist approaches need to be consolidated into a common denominator. Divergences from the original requirements for a product or system made in the course of the project must be documented and tested for their effect.

As part of the systems engineering process, our experts will launch a project with structured system boundaries and an effective requirements management. They will take your project through structured and comprehensible documentation, crossing disciplinary boundaries.

LCM supports you through simulation and modelling by matching the specific design parameters with the relevant product requirements. We analyse the system performance before the prototype phase, to identify and avoid any errors. This enables us to reduce lead time and the risks during development in the long term.





OUR EXPERTISE INCLUDES:

- Comprehensive expertise in systems engineering
- Systematic and structured survey and delimitation of project requirements
- Seamless monitoring of the entire engineering process
- Modelling, simulation and analysis of product requirements and design, including the relationship between the two

CURRENT REFERENCES:

Our knowledge and expertise in systems engineering and requirements management can be demonstrated by the numerous projects that we have undertaken for customers in a wide variety of sectors. This is just a small selection of our references:

- DiveBro - diver assistant & safety system
- Fuel log grabber development project
- Drive concept for a blade to grind plastic
- Energy harvester
- CD picker