



ENGINEERING

WE DEVELOP SECURITY SOLUTIONS WITH IDEAS AND KNOW-HOW

From the beginning we accompany you in your project, advise you and use our know-how to develop the optimal solution for you.

The services offered relate to the handling of complete projects with process development, electronics and PLC software programs, construction, prototyping and testing of prototypes as well as the takeover of partial engineering services.

OUR SERVICES:

- risk assessment
- project planning
- project development, requirements and functional specification
- 3D design and models
- installation service
- service and maintenance
- product development & research

RISK ASSESSMENT

The preparation of a risk assessment is required by law and is not a voluntary service!

However, the on-site situation is often crucial. The entire situation must be surveyed, including all parameters, before an expert assessment can be made and competent advice offered.

Our trained systems analysts are happy to advise you on site, to evaluate the situation and perform a risk assessment.

In consultation with you, they will design a complete concept, taking into account the available products and their respective hazard analyses.





PROJECT PLANNING

We know how to plan and execute projects successfully. The expertise and knowledge of our systems analysts is available to you, from as early as the planning phase.

We can guarantee the quality of the project results, adhere to costs and deadlines and ensure that project goals are achieved. In so doing, we provide optimal planning and support for our customers' projects.



PROJECT DEVELOPMENT, REQUIREMENTS SPECIFICATION, FUNCTIONAL SPECIFICATION

We offer project development assistance for the preparation of your events, processes or a real construct. In this regard, we can provide you with technical (or non-technical) documents for the presentation.

We go over your requirements specification with you with concerning your requirements with regard to features, and we help you draft these documents.

Based on the requirements specification, we then create a functional specification, which describes specifically how we intend to resolve the requirements in the requirements specification.

3D DESIGN

Our experienced designers make plans according to your wishes – in strict compliance with our standard or with individual adaptations.

We draft subassemblies to suit your requirements and design them using state-of-the-art software.

Visualisation via 3D models enables defects to be detected and eliminated immediately. The desired results are thus achieved efficiently and directly.



PRODUCT DEVELOPMENT & RESEARCH

We strive not only to improve our existing products and develop new, innovative products, but also to refine our processes on a continual basis. The aim of this improvement process is to continually develop new ideas to

increase the efficiency, comfort, security and environmental friendliness of existing products.

Our engineers have access to state-of-the-art product development simulation and visualisation software.