

Engineering Services: Planning & Project Management

The smart team 4.0! Together we work out the perfect 4.0 solution plan to form the basis for future decisions. Tomorrow's success can be planned today.

This increases your efficiency at the same time as making you more flexible. Individually combine additional modules for a perfectly networked factory.

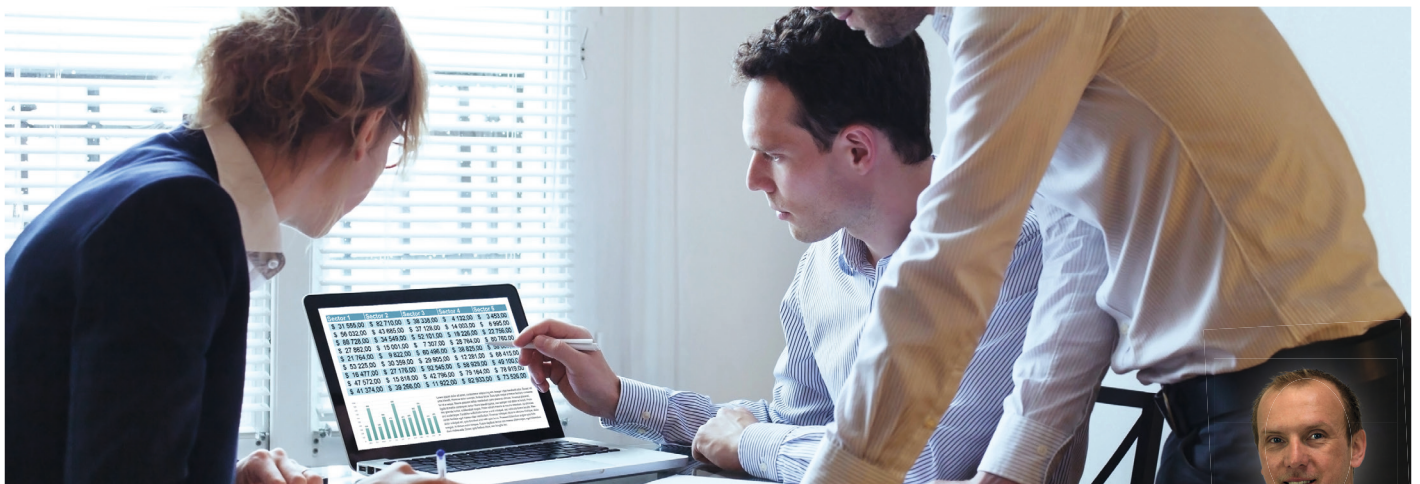
The benefits for you:



- Overview of a detailed workflow plan
- Lean manufacturing approaches ensure consolidated manufacturing steps
- Value stream design is used to improve customer-orientated material and information flow
- Development of manufacturing layouts, including: tool room and tool logistics concepts
- Optimise machine equipment, for example as original equipment for new customers or as retrofit equipment with existing customers
- Tool and component storage is simplified by automatic issuing systems and the range of models is minimised
- Realistic interim targets to adhere to time schedule
- Extremely close cooperation with the customer
- Customer support in your own company
- Individual project folder

Exclusive workflow planning factors, individual to each company:

- Every expert incorporates his own personal knowledge and expertise.
- Elementary and balanced information base.



Obscure diversity of processes? We guarantee transparency.

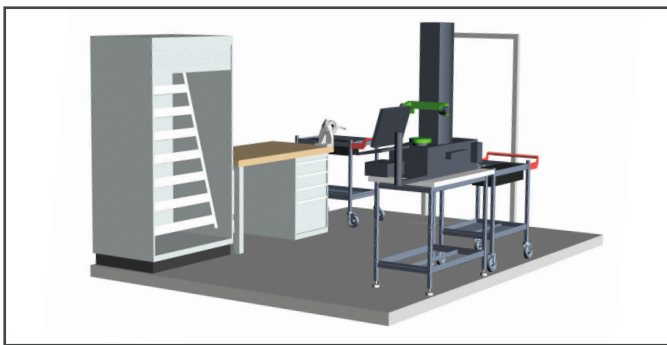
Should you have questions during implementation, we will answer them clearly and understandably.
Give us a call: +49 (0) 71 51 / 20522 - 0.



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Our services:



3D visualisation of a tool room.

- **We produce a detailed workflow schedule together with you**

Define the packages of work including specific tasks. Supported by schedule lists, they provide a clear workflow during implementation. This is where project management techniques, such as a network plan, project structural plan and Gantt diagrams, come into their own.

- **Design of production layouts**

The transparent tool logistics concept is based on standardised control in production and efficient planning.

- **Development of lean manufacturing and value stream workflows**

Combining responsibilities with synchronising workflows delivers a continuous improvement process. In short, complex processes are simplified and separated into easily controllable steps, minimising distances and time, and creating a conveyor belt concept.

- **Tender generation**

The automatic tool management issuing system with barcode scanner, software and integrated panel PC is offered including top-up and storage of the individual components.

- **Definition of realistic interim targets**

Control factors: definition of time, personnel, expertise and target. Set up on-schedule target planning with KELCH.

- **Set-up and commission the tool room**

From theoretical design and fit-out of the room to practical implementation – both are matched to your production. In short: your operational efficiency increases and costs fall as a result of end-to-end hardware interfaces.

- **Kelch experts directly on site**

They plan and discuss this with you in your company. That way we have an overview of your production and can define specific packages of work. The result: a document listing requirements and proposed implementation. At the same time, this produces a traditional requirement specification and functional specification.

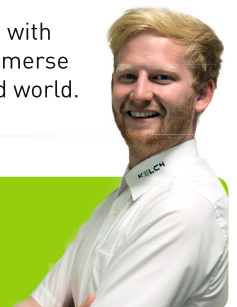
- **Production of your project folder**

"Optimisation on demand" means that we individually adapt to your situation, your requests and your requirements. All the relevant modules and information are contained in your exclusive project folder.



Our service at a glance!

Simply scan the QR code with your smartphone and immerse yourself in the connected world.
www.kelch.de



Give us a call – we'd be glad to advise you!

Our team offers comprehensive consulting within Smart Factory Services.
You can reach us on: +49 (0) 71 51 / 2 05 22 - 0.