



Smart

Consulting for the
timber and furniture
industry

**Forward-looking
Digital.**



Strategy

Shaping the future.

SCHULER CONSULTING. YOUR JOB. OUR SKILLS.

We want to shape the future of your company together with you, put you in the perfect position, and lead you towards success. Because only those that recognize opportunities, define the right measures and consistently implement them, will be rewarded. Check what already exists, challenge what seems to be proven and try to explore new avenues. This is how the future is shaped today.



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LOCATIONS

Creative. Flexible.
Efficient.

**YOU DON'T NEED CONSULTANTS.
YOU NEED EXPERIENCED
WOOD ENGINEERS, PROJECT
MANAGERS AND BUSINESS
ECONOMISTS, WHO KNOW A
LOT ABOUT THE TIMBER AND
FURNITURE INDUSTRY.**

market at home and abroad. This is how we are also able to introduce sustainable changes in your company and generate real competitive advantages.

30
EMPLOYEES

You need to be as flexible as the markets, and you need to perfectly set up your business with lean processes and efficiently utilized machines.

60
YEARS OF EXPERIENCE

SCHULER Consulting is an independent company of the HOMAG Group AG, the leading technology and service partner of the wood-working industry. For this reason, we know the latest innovations and industry trends. Make use of our expertise, our creativity and our practical experience. We have been operating successfully for 60 years and know the furniture

Tapping into our practical experience.



What does a successful solution look like? Customized.

No two companies are the same. They differ in their circumstances, requirements and objectives. For this reason, we don't replicate our solutions. We find customized solutions, tailored to your company. We start with an evaluation of the situation.

Where is your company's untapped potential? We then develop new ideas. Alternative approaches. Concrete solutions. In line with your requirements, this leads us in a direction that is as surprising as it is successful.

„With SCHULER, we entered the world of Industry 4.0. We are now able to feed data to and control our highly automated systems, from production planning to the final assembly stage.“

Joaquim Teixeira
J&J Teixeira, Spain



4.0

Ideas for the industry.

Digital instead of radical.

What do you have to do to change over to Industry 4.0? For a start: nothing. Before any changes are made, a comprehensive analysis is required. Far too often, stand-alone systems that are touted as the optimum solution are limited in their capacity to be integrated in the existing system landscape. If the available budget is limited, you should consider carefully whether you install it over several years as your flexibility will be reduced.

Because a consistent Industry 4.0 production that really uses all benefits requires a comprehensive system analysis of the existing IT landscape. Often it is not necessary to immediately replace all systems that are already in use. At the same time, not all systems that are considered to be future-proof have the necessary prerequisites. So make use of our knowledge to reach your goals for the automation and digitalization of your company.



A good strategy
deserves to be
implemented.

DO YOU KNOW WHAT YOUR GOALS ARE REGARDING INDUSTRY 4.0?

If not, we should sit down together, develop a strategy and plan how to successfully implement it for your company. In doing so, we consider the level of digitalization of your company, integrate all available data and, if necessary, we suggest software solutions, including any necessary interfaces.

YOUR PROCESSES...		
... are manual and insufficiently documented	... can be reconstructed	... are traceable and documented
YOUR DATA...		
... is maintained in several different locations and is only partially up-to-date	... is rarely maintained redundantly	... is maintained in one central location
YOUR INTERFACES		
Your few interfaces are maintained manually in parts	The important interfaces are well established and are continuously maintained	The interfaces are reduced to a minimum
MANUAL WORK / ERROR RATE		
++	+	0

1
POWER WORKSHOP

2
CONT. INFORMATION FLOW

3
INTEGRATED PRODUCTION

Uncovering potential.

1

POWER WORKSHOP

Our power workshop works as follows: to start with, we identify your options for digitalizing core processes. This leads to a schedule which shows, step by step, how we can master digitalization together.

The key to success: analysing information consistency in your core processes, from the office to manufacturing, i.e. from the incoming order to shipment. We then assess the current situation together and identify optimization potential. On this basis, we design your customized plan which, in addition to an organizational structure, also includes an IT concept and a software selection.



Shaping the future.

2

CONTINUOUS INFORMATION FLOW

How useful is data if the quality is not right? We have a clear objective: to eliminate redundant data maintenance, reduce inventories, increase machine utilization times and speed up production times. This cuts the time it takes for your products to reach the market. Even if you have already digitalized many processes, there are certainly still optimization possibilities.

We identify these options, reduce the data interfaces and optimize the information flow: from order acquisition to order import and processing, through to procurement, manufacturing and assembly.





3

INTEGRATED PRODUCTION

Have you already come a long way with the digitalization and optimization of production? Perfect. Let's take the next step together. Our objective: integrated production. We are focusing on:

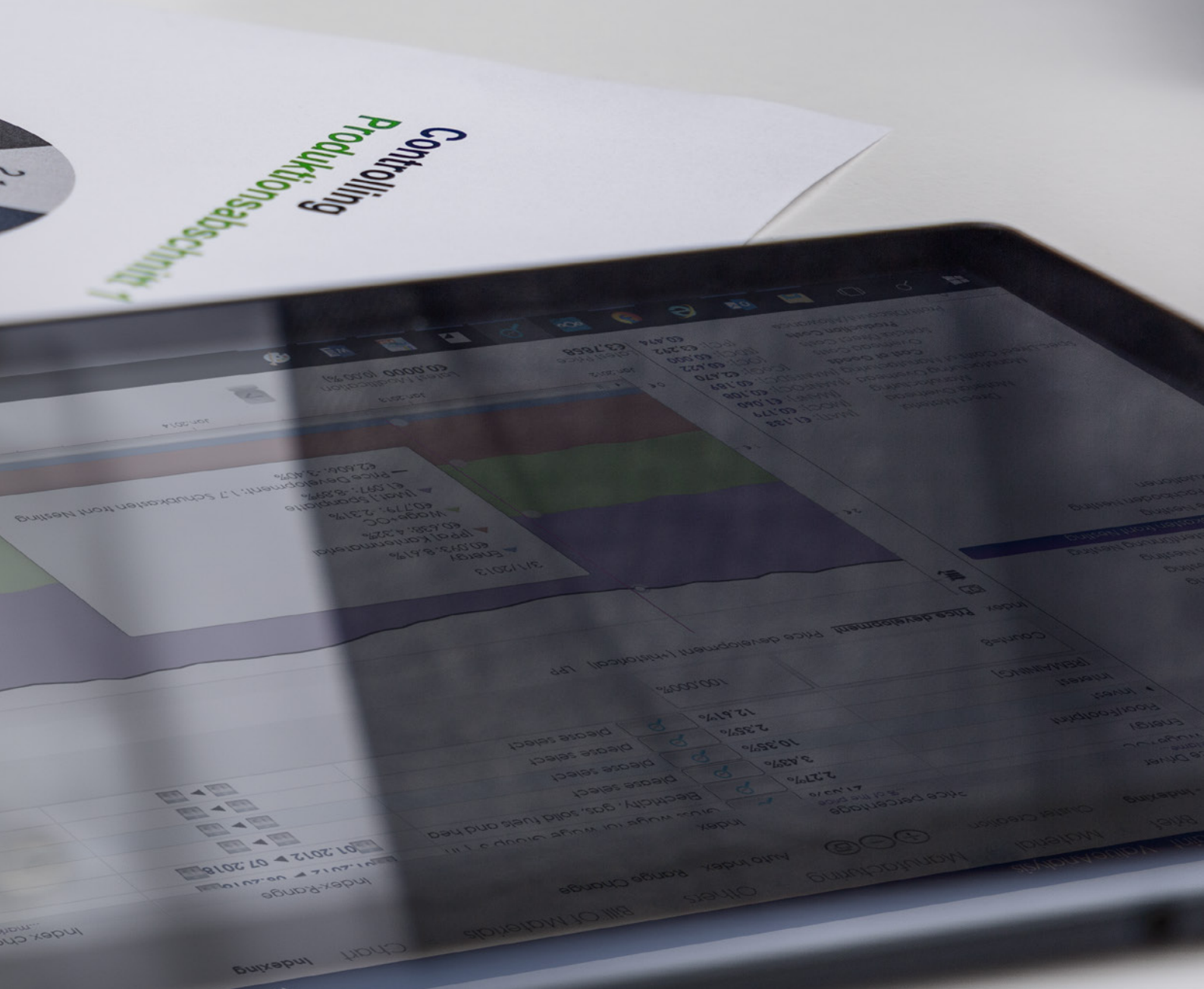
- The optimization of the entire IT landscape by reducing manual and system interfaces.
- Minimized manual data processing and maintenance by optimizing the software selection (specifications in the areas of POS and POM with ERP and MES)
- Improved data quality by avoiding redundant maintenance efforts
- Ensuring the most extensive possible releasability of the selected IT systems

More information available online



Are your costs under control?

Without creative business strategies, flexible business concepts, lean processes, optimum information flows and efficiently used machines, you will be falling behind in terms of dynamism. But we know how you can prevent that.



Optimizing production and product costs.

STRATEGIC CONTROLLING

Controlling tasks to support strategic management aim to ensure the existence of the company and its success. We draft the economic orientation of your company together with you, including sales, material input, investment and HR plans.

We draft action plans for the implementation and achievement of objectives as well as comprehensive deviation analyses for monitoring success. This information can also be used as well-founded reporting records for your capital investors.





DESIGN-TO-COST

Do you place emphasis on furniture with a creative and forward-looking design? Are you aiming to launch this furniture on the market at competitive prices? We support you in this. Tailored to your marketing and sales concept, we create design drafts with you, define the design structure, suggest materials and establish quality guidelines. Together with you, we use the value analysis method to ensure a high level of economic efficiency for the new piece of furniture. In this way, you can expand your portfolio with products that impress with their high-quality design and their affordable production costs.

THE TREND IS EVIDENT: MANY INDUSTRY SEGMENTS ARE CHARACTERIZED BY MORE AND MORE MODELS AND AN INCREASING NUMBER OF VARIANTS.

However, often companies forget to use already existing components and design principles. The disadvantage being that while variety continues to increase so do manufacturing costs.

To ensure that your increasing variety is accompanied by decreasing costs, we conduct a comprehensive marketing, design and manufacturing analysis. With our technical product standardization, we assess the level of standardization of your products, analyse the most important „variant drivers“ and illustrate their impact on manufacturing complexity.

This results in clear design rules and standards to reduce design principles and processing features. Ultimately, we simplify production and therefore lower production and organizational costs.



Standardizing individuality.



Increasing productivity.





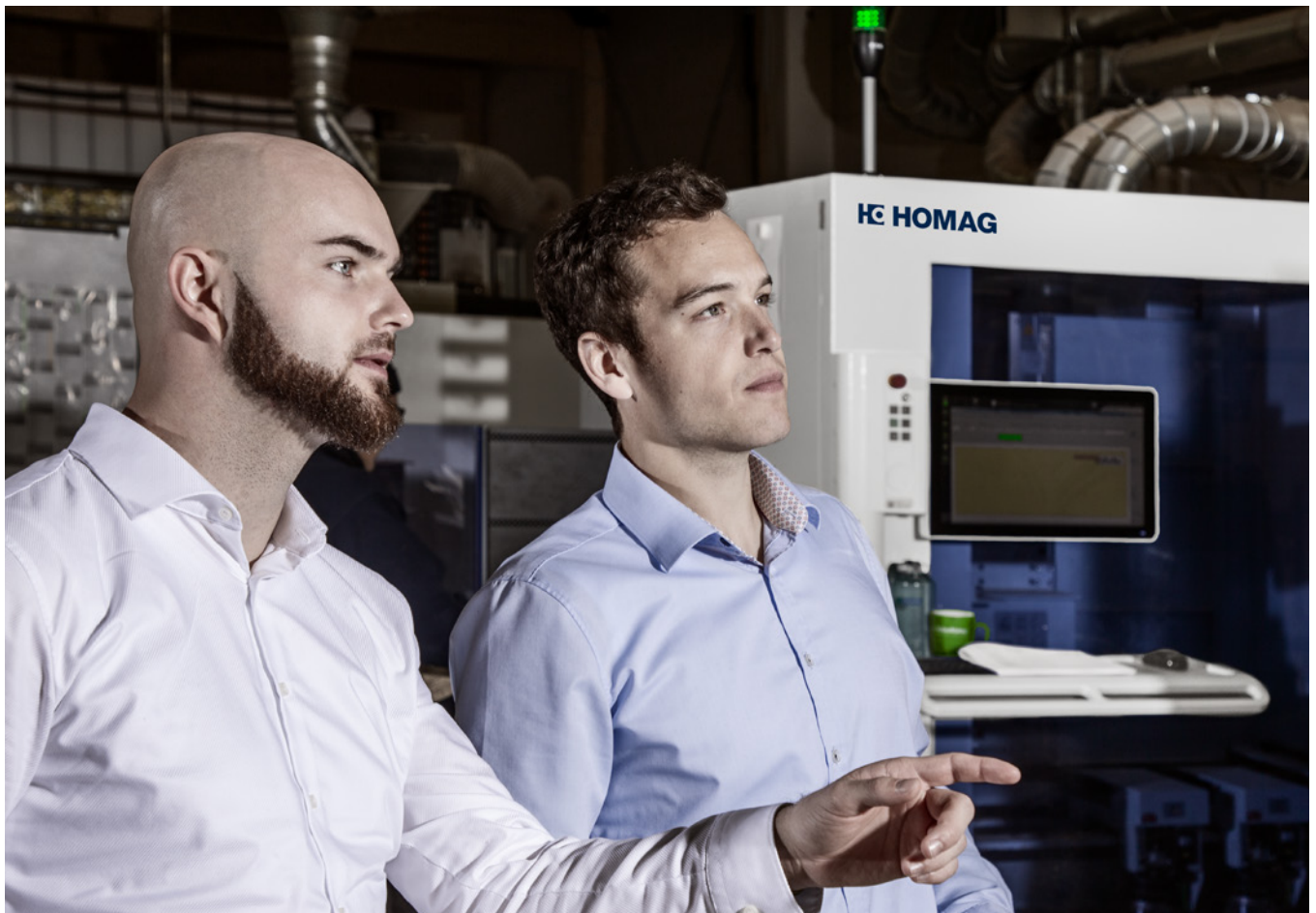
Do you want to produce more efficiently? Processes and flows are key. We optimize these together with you, re-organize them and make sure that you reduce your lead time and save costs. This enables you to implement customized manufacturing and achieve your business goals.

Quality assurance equals sustainable success.

ARE YOU INCREASING YOUR PRODUCTION OUTPUT? DO YOU WANT TO SAFEGUARD YOUR LONG-TERM LEAD OVER COMPETITORS? BY DESIGNING A STRATEGIC MANUFACTURING PLAN, WE DECIDE TOGETHER WHETHER YOU NEED A NEW BUILDING OR WHETHER WE CAN OPTIMIZE YOUR EXISTING PRODUCTION TO MAKE IT VIABLE FOR THE FUTURE.

As your experienced partner, we will support you in this decision. Optimum manufacturing planning enables you to combine an increasing customer focus, made-to-order manufacturing with batch size 1 and optimum economic efficiency. One thing is clear: even with a high level of variety, competitive costs can be expected with small inventories, short lead times and optimum use of resources. For this, you

need comprehensive solutions - solutions which optimally fulfil all company-specific conditions and also consider future developments. The good news is that planning factories is one of our core competencies. Our experience gained in numerous projects all around the globe is incorporated in the solutions we draft for you. We coordinate the scope of your projects with you, tailored to your needs. This includes, of course, the development of your product range, site selection, detailed layouts and commissioning.



Uncovering potential.

„SCHULER did much more than just hang up a few pictures. They helped us to anchor the KAIZEN principle in our employees' minds.“

Manuel Stecher
Schweitzer Projekt AG
Tirol, Italy



Follow this link to read the full article about our project with the Schweitzer Projekt AG



Lean Production.

DO YOU WANT TO SAVE MATERIAL? CUT CYCLE TIMES? NO PROBLEM WITH EFFICIENT PROCESSES AND OPTIMIZED FLOWS.

Use Lean Production, our service for simplifying processes and flows. We choose together which principles and tools are the right ones for you. Our portfolio covers everything from CIP to KANBAN, 5S and one-piece flow.

We focus on sustainability, train management and staff in multi-stage workshops and support you in setting up a lean organization. Lean production is particularly applicable on a machine level. In this way, cycle times and material input can be minimized at work and assembly stations, as well as in work preparation and administration. In addition, optimization potential can be identified and non-value adding activities can be reduced. The result: resource-conserving and more efficient production.

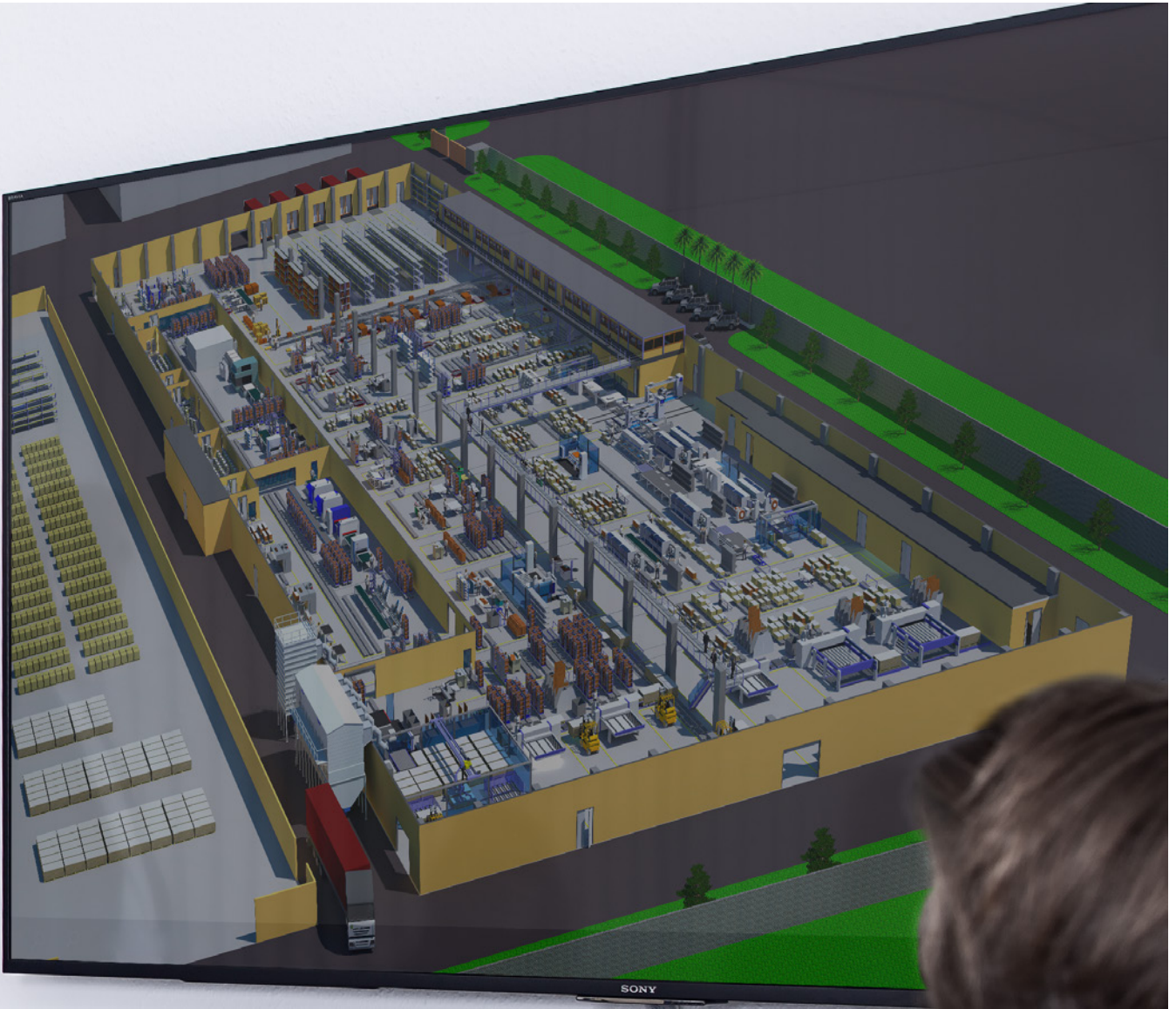
„Thanks to new technologies, lean management strategies and the commitment of the SCHULER engineers, we found entering the world of Lean Industry 4.0 easier than expected.“

Nelson Lagos
XILOFOR, Chile



Strategic roadmap.









Using the SCHULER company EKG to reach future-oriented production.

CONTINUOUS GROWTH, CHANGED TARGETS AND THE ADJUSTMENT OF FRAMEWORK CONDITIONS USUALLY GO HAND IN HAND WITH THE FURTHER DEVELOPMENT OF EXISTING STRUCTURES.

For this, we have developed the SCHULER company EKG. It is a strategic roadmap for the further development of your organization and your internal structures. Together with you, we draft an action plan on site, which is, of course, tailored to your company goals, processes, production and organization.

The objective: to identify potential for an increase in efficiency and output. The concept study provides you with the basis to make targeted decisions, initiate suitable measures and define a long-term direction for your company.

AREAS EXAMINED:

- Products
- Manufacturing principles
- Material flow and machine positioning
- Logistics and production
- Organization



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