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OUR OBJECTIVE

SPANGLER – the Plus of Success.
We aim to be economically successful so we can provide innovative solutions for our customers and attractive jobs for our employees.

OUR ROUTE

SPANGLER – the Plus of Benefit.
We reliably identify and fulfil our customers' requirements in order to offer them clear advantages and benefits over our competitors.

SPANGLER – the Plus of Know-how.
We offer 35 years of experience in the manufacturing of customised automation solutions and focus on continually developing our know-how.

SPANGLER – the Plus of Quality.
We only use high-quality components and parts, which have to pass extensive quality controls.

SPANGLER – the Plus of Innovation.
We measure the success of our innovations by the success of our customers, since our company can only remain in the market through satisfied customers.

OUR VALUES

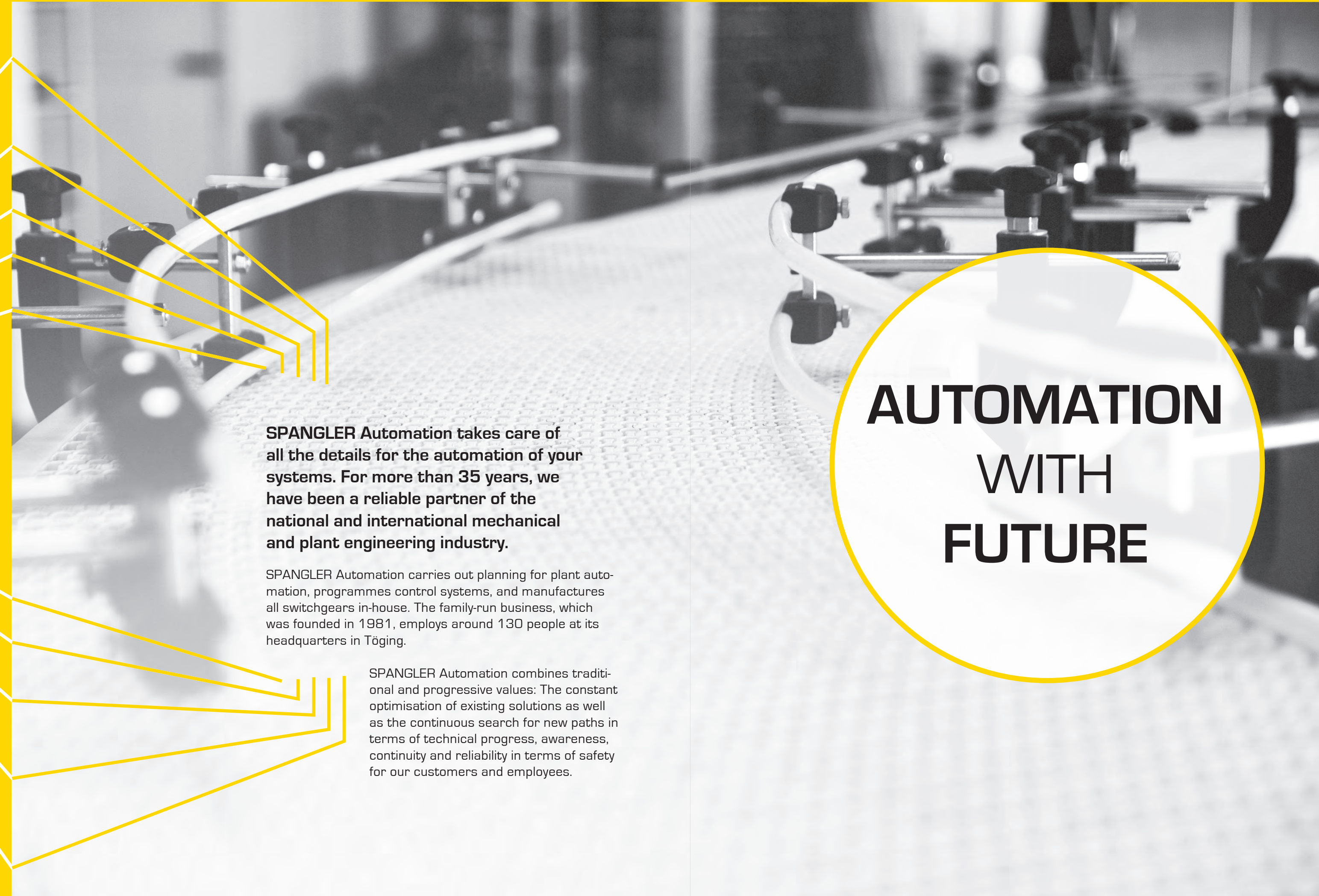
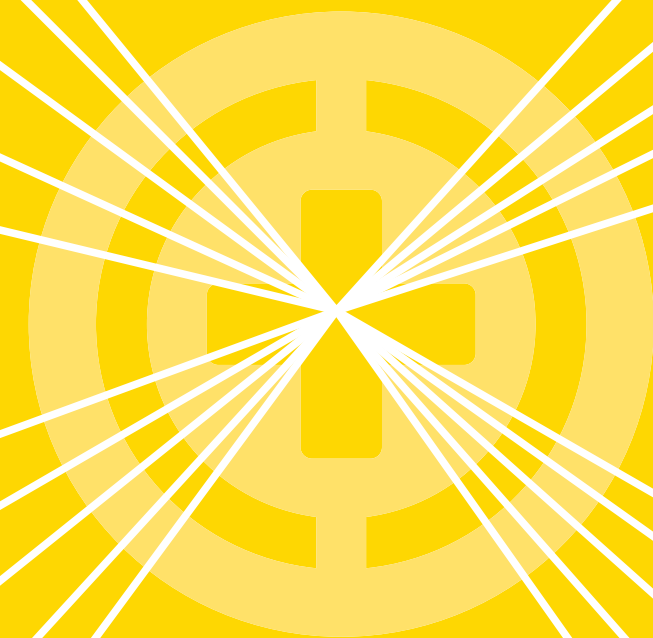
SPANGLER – the Plus of Partnership.
We maintain lasting and partnership-based relations with our customers and suppliers.

SPANGLER – the Plus of Quality of Life.
We consistently work on creating a healthy working atmosphere, thus improving our own health as well as our quality of life outside the company.

SPANGLER – the Plus of Family.
We see family-oriented company management as part of our company culture and take this into account when creating our basic conditions.

SPANGLER – the Plus of Constancy.
We are a family-run company with tradition and prospects for working independently as a family on a long-term basis.

- QUALITY
- INNOVATION
- CONSTANCY
- EXPERIENCE
- KNOW-HOW
- PROGRESS
- CONTINUITY
- RELIABILITY
- PARTNERSHIP
- QUALITY OF LIFE



SPANGLER Automation takes care of all the details for the automation of your systems. For more than 35 years, we have been a reliable partner of the national and international mechanical and plant engineering industry.

SPANGLER Automation carries out planning for plant automation, programmes control systems, and manufactures all switchgears in-house. The family-run business, which was founded in 1981, employs around 130 people at its headquarters in Töging.

SPANGLER Automation combines traditional and progressive values: The constant optimisation of existing solutions as well as the continuous search for new paths in terms of technical progress, awareness, continuity and reliability in terms of safety for our customers and employees.

**AUTOMATION
WITH
FUTURE**



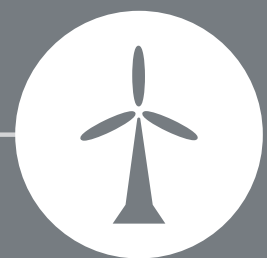
EXTRACTIVE INDUSTRY



ENVIRONMENTAL
TECHNOLOGY



FOOD INDUSTRY



RENEWABLE ENERGIES



AGRICULTURE



CONSTRUCTION INDUSTRY



PHARMACEUTICALS
INDUSTRY



AUTOMOBILE
INDUSTRY



YOUR INDUSTRY

OUR AREAS OF ACTIVITY

SPANGLER Automation supports industrial and community projects all over the world and in all sectors. This means constantly adapting to other technologies, to changing conditions and also to foreign cultures. SPANGLER Automation is always taking on these new challenges. Take advantage of this wealth of experience.

INNOVATIVE PRODUCTS REQUIRE INNOVATIVE PROCESSES.

NEW IDEAS ARE NOT CREATED BEHIND CLOSED DOORS BUT DURING COMMUNICATION WITH CUSTOMERS, SUPPLIERS AND OUR OWN POTENTIAL SUPPORT – OUR EMPLOYEES.

IDEAS MANAGEMENT

The best solutions often arise out of daily routine. Therefore, we listen inside and outside and have established a culture out of it. Thus, our employees regularly make suggestions for how things could be even better – a large number of them prove its worth now in practice.

CUSTOMER WORKSHOPS

The same applies to our customers. During innovation workshops we mutually exchange our observations and experiences and develop new ideas together. We measure the success of our innovations by the success of our customers.

OPEN INNOVATION

With regard to this issue, we address all groups of people that are connected to our company. In addition to customers and suppliers, these include, for example, public persons and the acquaintances of the employees. Good ideas can also be developed by people who are not in direct contact with our day-to-day challenges and processes.



OUR SERVICES

THE PRODUCTS AND SERVICES FROM SPANGLER AUTOMATION ARE CUSTOMISED. AS A TECHNICAL SERVICE PROVIDER, WE DESIGN THE AUTOMATION OF YOUR SYSTEMS JUST AS YOU NEED THEM. YOU CAN PUT TOGETHER OUR SERVICES FOR YOURSELF ACCORDING TO YOUR REQUIREMENTS.



PLANNING

Before we get started, we first listen: What you are planning and how your systems should look. With your information and our knowledge, we develop your individual project and accompany it through to commissioning and beyond.

For the implementation, we use specialised systems which have proven their worth in practice. We draw clearly structured and well-defined wiring diagrams for you, design the mechanics of the control systems and support your preliminary planning with a three-dimensional representation.



PLC SYSTEMS

PLC programming is one of the core competencies and corporate foundations of SPANGLER Automation. The focus is placed on the individual programming of the solution.

It is the same as with people: So that ideas can be successfully combined and conveyed, the brain has to work reliably. As individual solutions require individual thinking, we are also very happy to assist you in choosing the appropriate hardware for your controller.



VISUALISATION

With the choice of visualisation, you decide how you want to operate your system: Directly on site, in the control room or via remote control. SPANGLER Automation turns your ideas into practicable solutions.

It is always a matter of the best possible visualisation and thus the easy and efficient operation of your plant using a touch panel, control system or smartphone. When designing the user interfaces, we pay close attention to intuitive guidance of the operator and a self-explanatory representation of individual actions.



SOFTWARE SYSTEMS

Computer-based software solutions from SPANGLER are as individual as their respective environments: We develop the right solution for any company in any industry.

Our software systems can capture, document and evaluate industrial production data. The applications range from industrial manufacturing of parts for the automotive industry to wind turbines or the construction industry.

We also develop practical software solutions such as an upload and download portal, a fleet management system and a versioning tool.



SWITCHGEARS

Our low-voltage switchgears, also available in fully withdrawable technology on request, are characterised by precision in craftsmanship and design. We ensure that your system controller works reliably.

Only well-trained professionals and highly experienced staff work on the construction, wiring and functional testing of the equipment. And if you would like to use our experience for your own control cabinet production, we will be happy to support you via our contract manufacturing service.



COMMISSIONING

Industrial equipment is similar to the aerospace industry in that the initial phase is the most difficult. Our customers benefit from our many years of project experience in installation and commissioning.

Our specialists carry out all the necessary control and process-related work with regard to the commissioning and ensure that the plant is correctly connected to the control system. They coordinate all the interfaces such as material and human resources planning in advance, so that the installation and commissioning can take place smoothly and on schedule.



ENERGY MANAGEMENT

The conscious use of energy saves resources, reduces costs and creates a good image. SPANGLER Automation has developed an energy management system that allows you to explore, implement and monitor your own potential savings.

The basis for the conscious use of energy is making the energy flow visible and thereby making its distribution and use controllable. This transparency uncovers potential savings that benefit the conservation of resources and equally reduce costs. The SPANGLER Energy Management System records the necessary data, analyses it and displays it graphically.

CAE SERVICE

SPANGLER Automation uses the EPLAN system for the planning and management of the automation projects. The wiring diagrams provide downstream processes such as manufacturing, programming or installation with the necessary data. All the information relating to the wiring diagram can be retrieved online throughout the world via the SPANGLER Documentation System.

Our competencies include designing wiring diagrams on the basis of the EPLAN system as a service. We also create master data such as 3D graphics macros and article data, drilling and connection diagrams, standard sheets and forms or adapt as-built plans.

UL STANDARD

We are one of a few German manufacturers to have the relevant certification and the know-how to produce switchgears for use in areas with a risk of explosions in accordance with the standard UL698A (Hazardous Locations). We also produce switch cabinets in accordance with the standard UL508A (Industrial Control Panels).

These standards govern the entire production process for switch cabinet construction in North America and beyond. They also form the basis for switch cabinets which are used in particularly hazardous areas.

REMOTE ACCESS

We generally solve control-specific tasks via remote access. Long downtimes and expensive journeys are a thing of the past.

We have developed the SPANGLER Control System SKY Service in order to communicate with our customers around the globe. We map your existing control system at our company and can thus tackle problems throughout the world, in collaboration with you. We can also optimise your system or archive operating data.

SUPPORT

Human knowledge determines the efficiency of the man – machine relationship. This is why our training programme provides system manufacturers and operators either with a quick tip for self-help or with detailed training.

How exactly did that work with the soft starter? Our tutorials are short films and help at the control system on-site. You can find them as a link on our website or directly on our YouTube channel. We organise our training courses on your premises or at our company, at the plant or online, as individual coaching or as group training.

UPGRADING

When replacement parts are getting expensive and delivery times are getting long, when energy consumption is skyrocketing and safety standards are no longer sufficient, the time is ripe for a retrofitting of the switchgear.

Even the most well-maintained automation technology cannot escape the ravages of time. We will upgrade your switchgear and ensure that the latest technology is used whilst tried-and-tested structures are preserved. We plan the necessary measures for this together with you and compare the costs and benefits.



... AND MORE

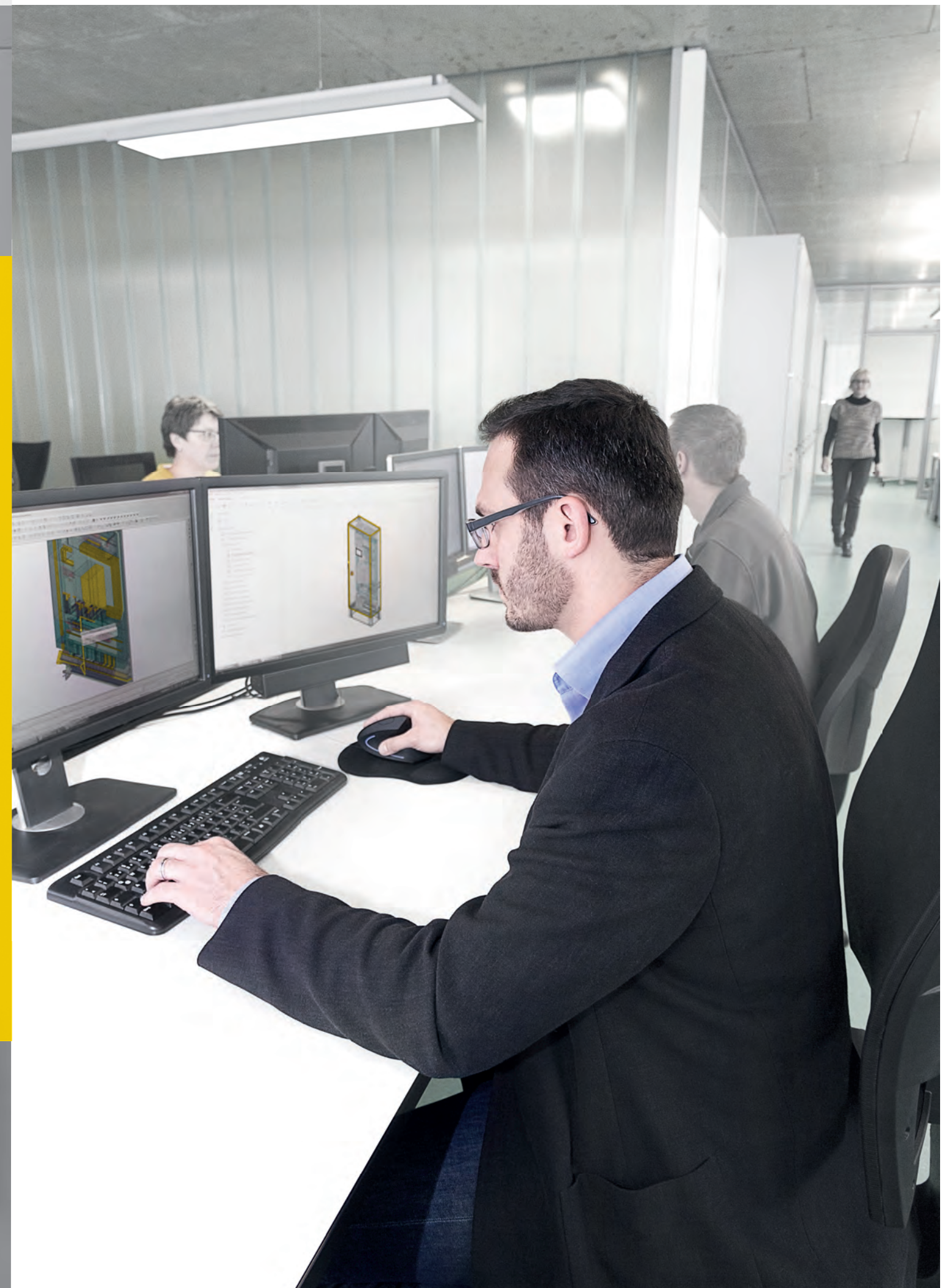
MADE IN GERMANY

SPANGLER AUTOMATION ASCRIBES TO THIS INTERNATIONAL SYNONYM FOR QUALITY AND RELIABILITY WITHOUT LIMITATION. WE TAKE THIS SEAL OF QUALITY VERY SERIOUSLY: IN DESIGN, IN PROCESS AUTOMATION, IN MANUFACTURING AND IN ALL PROCESSES AND TASKS WITHIN THE COMPANY.

We are ISO-certified and manufacture our products according to different country-specific standards. A customer inspection, the Factory Acceptance Test (FAT), is also standard for us.

Our motto that it is better to use higher quality components than to risk failure later fits into this philosophy. It goes without saying that we also require such an attitude from our suppliers.

Our quality manager ensures that everything runs smoothly and in accordance with this principle. We do not compromise on quality, and every employee is responsible for this.





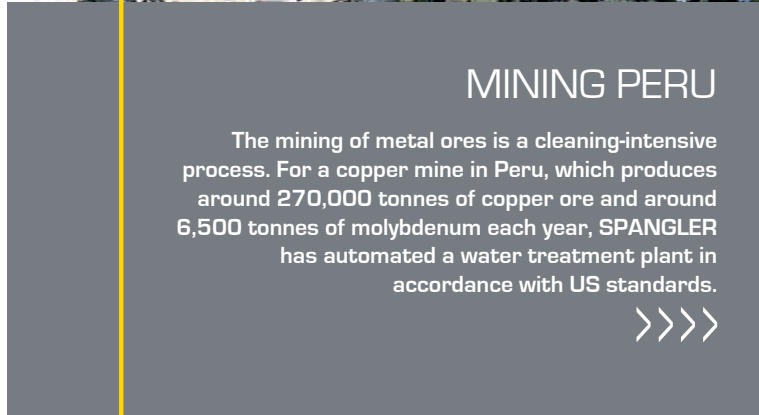
SEWAGE TREATMENT MEXICO CITY

A new sewage plant in Mexico treats around 60 per cent of the wastewater of the metropolis with 20 million inhabitants. The plant consists of two redundantly configured clarifying strands. The automation from SPANGLER controls the part of the plant for mechanical pre-treatment and the grit treatment.



BIOGAS PLANT LONDON

A biogas plant with 1.5 megawatts of power covers the energy requirements of thousands of London households. SPANGLER developed and carried out the automation of this plant in accordance with the guidelines of the British Standards.



MINING PERU

The mining of metal ores is a cleaning-intensive process. For a copper mine in Peru, which produces around 270,000 tonnes of copper ore and around 6,500 tonnes of molybdenum each year, SPANGLER has automated a water treatment plant in accordance with US standards.



BODYWORK CONSTRUCTION

For an internationally active manufacturer of car body parts, SPANGLER Automation has developed a software system for using machine data more efficiently across different locations and thus made the first step towards Industry 4.0.



PROJECTS

THIS EXTRACT FROM OUR LIST OF REFERENCE PROJECTS SHOWS THAT SPANGLER'S STANDARD OF QUALITY HAS GOT AROUND INTERNATIONALLY. NUMEROUS PLANT MANUFACTURERS WORLDWIDE RELY ON OUR PRODUCTS AND SERVICES.



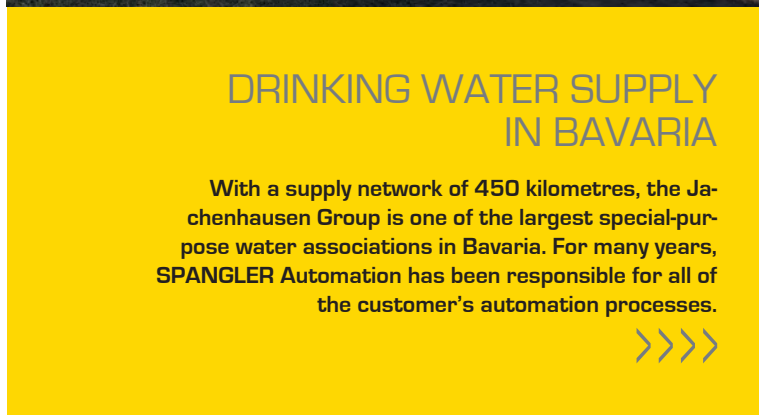
SUN IN CANADA

For the operator of a Canadian solar farm, SPANGLER Automation has developed a control which can be used to move the modules on an axis and to align them perfectly to the current position of the sun.



TUNNEL BORING COPENHAGEN

The job of the operator of a tunnel boring machine holds many dangers. Thanks to SPANGLER Automation, there are now six cameras in the cab and the entire tunnel boring machine is automated.



DRINKING WATER SUPPLY IN BAVARIA

With a supply network of 450 kilometres, the Ja-chenhausen Group is one of the largest special-purpose water associations in Bavaria. For many years, SPANGLER Automation has been responsible for all of the customer's automation processes.



UPGRADE IN GINGERBREAD PRODUCTION

For a Nuremberg confectionery manufacturer, SPANGLER upgraded the existing automation technology. We carried out the retrofitting work on the industrial production plant during operation.





OUR EMPLOYEES ARE OUR CAPITAL

COMPANY ENVIRONMENT

SPANGLER Automation is a family-run business and we treat each other as follows: cooperatively, in a friendly manner and with respect. Our hierarchies are flat, our sense of community is strong – for only together we can be as strong as we are.

FURTHER TRAINING

People thrive on change. New targets are therefore vital. Our individual further training programme ranges from language courses to an exchange of views across generations at the SPANGLER University.

LIFE + WORK

One depends on the other, and neither should be neglected. Our working hours are flexible so that our employees can meet the demands of family and work. We plan our jobs long-term, and there is emergency childcare in the case of bottlenecks.



OUR LOCATION

Töging is a town in the municipality of the city of Dietfurt in the Altmühltal, and is located in the District of Neumarkt in the Upper Palatinate. According to a nationwide survey, the region is one of the most pleasant to live in in Germany and combines a high recreational value with short distances to the Bavarian economic and cultural metropolises.

INFRASTRUCTURE

Dietfurt has a well-maintained little old town with restaurants and shops which invites visitors to linger for a while. A primary and middle school, two nursery schools and opportunities for early childcare provide good prospects for young families. A secondary school and a grammar school can be found ten kilometres away in the neighbouring town of Beilngries.

SPORT & LEISURE

Whether on land, on water or in the air: The region offers a variety of activities for sports lovers – from canoeing to climbing to golf or mountain biking. The number of active clubs and associations testify to an intact community and social interaction in this region.

NATURE & RECREATION

Töging is located in the heart of the Altmühltal Nature Park with its impressive rocky landscapes, picturesque roads and waterways and numerous sights. Nature lovers can explore it via an extensive network of cycling and hiking trails.

