

OUR COMPETENCIES

#WILLKOMMEN
#WELCOME
#BIENVENUE

COMPETENCIES

... ARE ACQUIRED IN THEORY AND PRACTICE AND ARE AVAILABLE AS A SKILL IN CASE OF CHALLENGES

Our strength lies in the development and implementation of product ideas and innovations into series products and system solutions. **Clever** solutions are the result of a deep understanding of technologies, feasibility and customer requirements. As a leading technology supplier, we have stood for **efficient** and **creative** solutions and products around the driver's workplace of commercial vehicles and machines on and off the highway for over 50 years.

WÖLFLE FOUNDATION STONES

DEVELOPMENT

- › Development partner for customised solutions – from the idea to success

PRODUCTION

- › Flexibility and redundancy through a networked production network

QUALITY

- › High quality standard and cooperation at eye level provide security
- › Quality arises from competence and creates trust

DEVELOPMENT

WÖLFLE INSIDE – PRODUCT DEVELOPMENT PROCESS

The task of our engineers is not just to come up with solutions, but of a dynamic process in which the experience gained from many projects is combined and in which our customers are intensively involved. Our success is based on sound professional and methodological competence. Our product development according to the V-model is a core process in our integral product development process (PEP). We can offer the entire PEP for our customers or synchronise with our customers' processes. Depending on the application, the optimal procedure must be determined. Our process can be flexibly applied to simple component developments as well as complex system developments.

1. CONCEPT PHASE

- › Concept study or request
- › Pre-development/ solution finding
- › Functional model/ feasibility study

2. DESIGN PHASE

- › Product definition/ specification sheet
- › Construction
- › Software and hardware development
- › System development & integration
- › Analyses, Simulation & Calculations

3. VALIDATION PHASE

- › Trial and test phase
- › Verification
- › Product/vehicle validation

4. PRODUCTION PREPARATION

- › Production concept
- › Production planning
- › Purchasing and Part qualification
- › Pre-series phase

5. SERIES PRODUCTION

- › Start of Production (SOP)
- › Series support
- › Change management
- › Product cost and process optimisation
- › Support at EOL (End of Life)



DEVELOPMENT

WÖLFLE INSIDE – SUCCESS COMES WHEN EXPERIENCE AND CURIOSITY MEET

Our goal is to bring a product to market on time, on budget and in high quality, and the PEP (product development process) tailored to Wölfle provides us with the basis for this.

Increasing product complexity combined with increasing software scope are challenges that require a lot of experience and creative solution competence.

Networking of development teams, application of agile methods, simulation and rapid prototyping are applied practices to master complexity and save time in implementation.

- > Safety and Security
- > AUTOSAR®
- > CFD Simulation
- > KULI Simulation
- > FEM Simulation
- > MATLAB®/Simulink®



360°



NETWORKED DEVELOPMENT

4 Business areas

TEST AND VALIDATION CENTRE

Wölfle inside



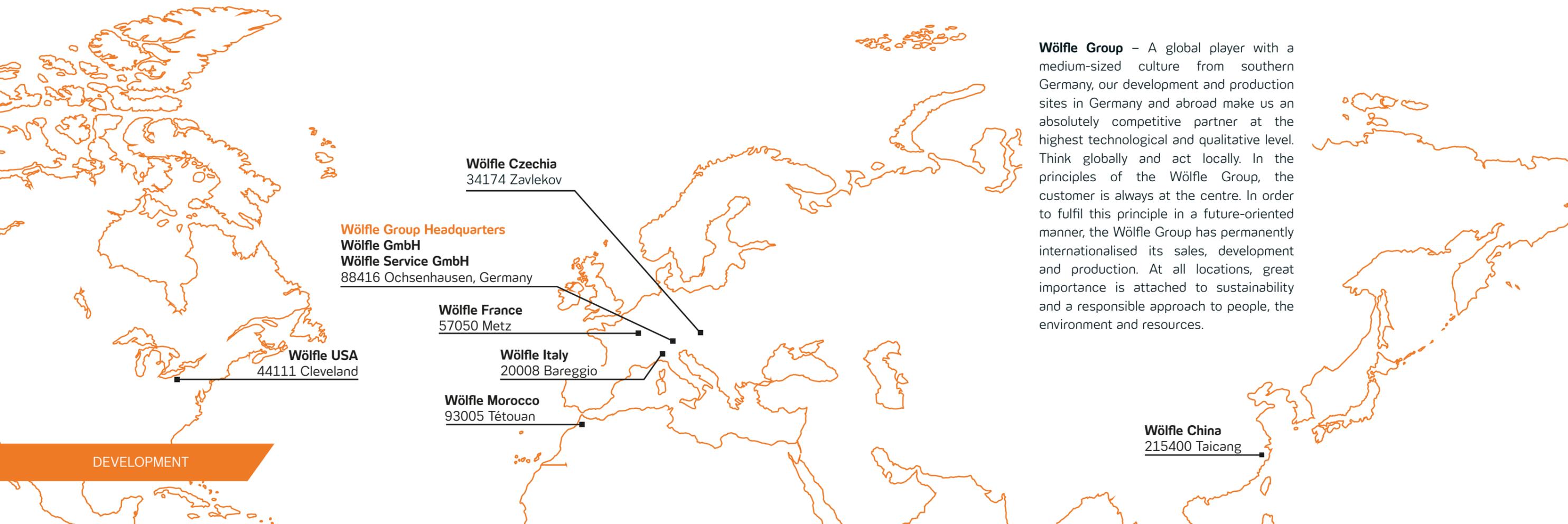
TECHNOLOGY PROFESSIONALS

Unique development expertise



SOLUTION GUARANTEE

Wölfle DNA



Wölfle Group – A global player with a medium-sized culture from southern Germany, our development and production sites in Germany and abroad make us an absolutely competitive partner at the highest technological and qualitative level. Think globally and act locally. In the principles of the Wölfle Group, the customer is always at the centre. In order to fulfil this principle in a future-oriented manner, the Wölfle Group has permanently internationalised its sales, development and production. At all locations, great importance is attached to sustainability and a responsible approach to people, the environment and resources.

PRODUCTION

WÖLFLE INSIDE – CUSTOMER BENEFIT

With its 4 business areas, Wölfle has comprehensive manufacturing expertise with a high level of vertical integration. Our main plant in Ochsenhausen is the control and competence centre in our international manufacturing network. By networking and centrally controlling the plants, we achieve the optimum sequence and uniform processes throughout the Group, which are implemented by the local, operative production control. We gain flexibility and redundancy through matching manufacturing capabilities in our international manufacturing network, which is used to the advantage of our customers.



TECHNOLOGY

Efficient & proven technologies for economic production.



PRODUCTION PROCESS

Reliable processes, efficient IT support and qualified staff, as well as methods for process monitoring and improvement.



RESILIENCE

Protecting the ability to act and the future through flexibility in organisation and control, as well as redundancy in the international manufacturing network.



CUSTOMER ORIENTATION

Fulfilment of customer- and industry-related requirements. Our success is based on our proximity to our customers and the high standards we set ourselves.



PLUG & PLAY

High quality standard and optimised production costs for customised products through in-house test equipment and fixture construction for customised solutions without compromise.

QUALITY

WÖLFLE INSIDE – QUALITY IS NOT A PROMISE, BUT A DEFAULT SETTING

Quality arises from competence and creates trust. Quality is not limited to the fact that a product, a service or a service fulfils the required expectations and guidelines. Quality thinking is the responsibility of all employees and shapes all functional areas and processes of the Wölflle Group. It starts with the design, the product development process, the quality of the production processes and the ability of the employees – but all the services of our company contribute to the quality.



OPTICAL QUALITY CONTROL



QUALITY MANAGEMENT

Our certified quality management ensures that quality is plannable and repeatable. The optimal interaction of networked business processes must be ensured. Key figures provide important information for monitoring, control and improvement.



SUPPLIER MANAGEMENT

When manufacturing products, you have to rely on cooperation with reliable suppliers. The selection and monitoring of our suppliers according to defined criteria and quality assurance agreements ensure safety and reliability.



FEEDBACK & IMPROVEMENT

We follow the idea of continuous improvement and root cause analysis. Quality control is ensured with our systematic and effective change management.



LOGISTICS / IT

Only with safe transport, storage, provision and distribution of goods can quality be achieved. In addition to the flow of materials as the core process in logistics, the secure flow of information is of central importance and forms the basis of all company processes.



SERVICE QUALITY

With our approach of "From the idea to the spare part", we offer competent support for our entire product portfolio via our Aftermarket Division, as well as for comprehensive services throughout the entire product service life.

STATUS: OCTOBER 2023

HV/AC / CABS / ELECTRONICS / ELECTRICS / E-MOBILITY / SALES

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