

**XERVON®**

WORKING FOR THE FUTURE

At your side



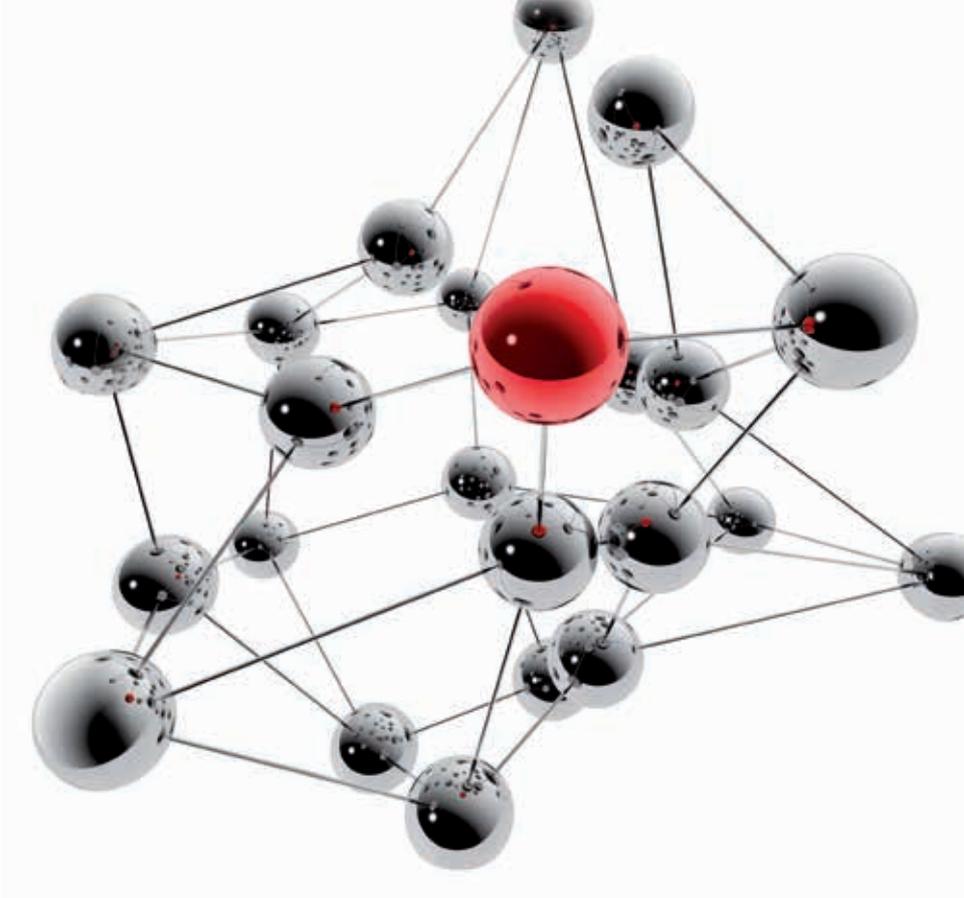
> XERVON

The XERVON companies specialise in providing comprehensive technical services – building and maintaining industrial plants and facilities for a whole range of industries

xervon.de



Being a specialist for technical services, XERVON is the company to turn to whenever plants need to be added to, protected and improved or new facilities built. With around 7,000 employees working across three continents, we serve customers from a wide range of industries – both at national and international level



## One group – many services

XERVON offers an extensive range of services that complement each other perfectly. The group's key areas of expertise are scaffolding and insulation. XERVON, however, also collaborates closely with its sister companies enabling it to provide a wide variety of additional specialist maintenance and surface technology services.

### The benefits of combined services

As XERVON can offer such a large number of highly specialist technical services, it is able to draw up bespoke solutions for its customers which it then carries out itself. The number of interfaces is reduced to a minimum, the different teams work together perfectly and all tasks can be precisely coordinated and controlled. This creates huge advantages for our customers, especially regarding time, cost effectiveness and efficiency.

### Letting our work do the talking

We are among the leading companies in all of our main fields of business. Both XERVON's success on the market and its excellent reputation can be put down to its decades of experience and expanding range of specialist services – combined with its strong resources: no matter what the field, we always have the staff and material available to take on projects, no matter how large or small they may be. XERVON is well known for its meticulous planning work, its professional execution and for its reliability.

### Well established in special industries

XERVON's customers come from a wide range of sectors, in particular from the processing industry. It primarily serves businesses working in chemicals and petrochemicals, the energy sector, shipyards and steel as well as the construction industry. No matter what the sector, however, one thing is certain: we always deliver and implement highly professional solutions.

XERVON offers a comprehensive and flexible range of technical services which can be adjusted and adapted to meet the precise needs of our customers and their projects

### > A strong network

XERVON is part of the REMONDIS Group. Together with BUCHEN, we belong to the group's services division which means our customers have access to the extensive capacities of one of the world's largest water, service and recycling companies. REMONDIS operates in a wide range of areas, focusing on offering sustainable supplies of raw materials and water. Our sister company, BUCHEN, is the leading provider of industrial services in Europe, in particular for industrial cleaning work, services for power stations, tank services and handling catalyst.

Our employees are well aware of our QHSE standards. These standards, however, must always be tested and checked. Our project teams, therefore, always include experienced QHSE specialists



## Being responsible – creating trust

XERVON is well aware of its responsibilities and this can clearly be seen by the way it handles the subjects of quality, health, safety and environmental protection. Accreditations and certificates document our high QHSE standards. The company's integrated management system ensures that these strict guidelines are kept to at all times.

### Reliability a top priority

All our QHSE activities are based on our integrated management system, set up in accordance with DIN EN ISO 9001 and 14001, and backed up by an SCCP system and the international OHSAS 18001 standard. Thanks to these systems, XERVON meets all the requirements set out for working in sensitive environments. Our integrated management system not only guarantees our services are executed professionally each and every day but also that the processes we use are carefully monitored.

### Work safety at all levels

Our high work safety standards are firmly established across the whole of our operations. Initiatives, programmes and training courses help raise awareness for this subject and promote best practice solutions. At the same time, they further strengthen the personal responsibility of our employees. Both XERVON's managerial team and its operatives are all work safety experts.

### QHSE as a service

QHSE is not only an integral component of all our projects right from the start but also – and above all – on site at our customers. What's more we pass our expertise on to others: the XERVON companies' highly qualified specialists are sent to firms from all sectors to help them with their QHSE management systems. This service provides our customers with a reliable, cost-effective alternative to having to deploy their own staff for these additional tasks.

### A prerequisite for subcontractors

XERVON believes in offering the highest levels of safety and performance which means we also have relevant QHSE standards for managing our subcontractors. XERVON only collaborates with partner companies that have been certified and approved in accordance with our stringent in-house guidelines.

Our workforce includes experienced specialists who have additional qualifications in areas such as managing dangerous substances, radiation protection and inspection technology



### > Our main accreditations & certificates

- DIN EN ISO 9001 – quality management
- DIN EN ISO 14001 – environmental protection management
- KTA 1401 – quality management for nuclear plants
- OHSAS 18001 – work safety management
- SCCP – work safety management
- ISO 50001 – energy management

The XERVON companies have taken part in many different kinds of major projects – demonstrating their technical skills, their ability to solve problems and their wide range of resources. Unique weatherproof scaffolding in Sweden, sophisticated E&I technology in the Middle East and complex turnaround projects across the whole of Europe are just a few successful examples that show the true depth and breadth of XERVON's portfolio



## Always there wherever you need us

XERVON operates right around the globe. We have international branches and subsidiaries in Europe, the Middle East and North Africa. Over half of all our employees work outside Germany. This means for our customers: you can collaborate with XERVON in many different countries.

### **Close to the market – a key success factor**

Thanks to our wide network of international branches, we can adapt our activities to meet the exact requirements of the different regional markets. Another big advantage: international companies can work with XERVON and benefit from its expertise in more than one country. We are also happy to discuss setting up special business models for such cases, e.g. joint ventures.

### **A strong international network**

XERVON's high expectations regarding safety and performance apply to each and every one of its business locations. We work in line with the same exacting quality standards across all regions – both when it comes to QHSE and to the way we plan and execute projects. Moreover, this also includes continuously optimising our processes and always working in a resource-friendly and energy-efficient way.

No matter whether our customers are based in Germany or abroad – they all benefit from our know-how and experience, gathered from carrying out several hundred projects every single year



XERVON is one of just a handful of large scaffolding firms able to meet the special requirements of industrial scaffolds and to provide the flexibility and specialist expertise needed to master such complex tasks





XERVON's key areas of expertise in this field are providing industrial scaffolds and developing bespoke special structures – in all sizes, reliably and cost effectively

## Well equipped to meet your needs

XERVON is one of the leading providers of scaffolding services. Whether it be conventional façade scaffolding, complex industrial scaffolds or special structures: we are able to find a suitable solution no matter how complicated the situation. Thanks to its global network of branches, XERVON can always be found wherever professional scaffolding is needed.

### Competent at all levels

Scaffolding is one of XERVON's core areas of expertise alongside industrial insulation. Thanks to our years of know-how, we are able to provide safe access to plants, buildings and other structures. One of the key characteristics of our work is that we always find the most efficient and most economical option. It goes without saying that we also carry out the structural engineering work needed for such projects ourselves.

### Reliable resources

One of XERVON's main strengths is its ability to deploy large teams of operatives and supply substantial amounts of equipment whenever they are needed. With way over 100,000 tonnes of approved scaffolding material and a fleet of vehicles able to handle all this, the company has one of the most effective logistics systems in its industry. Our customers benefit from short lead times and fast project implementation as well as from us keeping to tight schedules – even when it involves more complex scaffolding plans.

### Our trademark: custom-made scaffolds

In many cases, bespoke scaffolds are needed for industrial plants, shipbuilding, highway maintenance work or

special buildings, such as churches. XERVON designs made-to-measure scaffold structures for such projects, which fit the architecture perfectly and often require complex structural calculations to ensure they are suited to the local conditions and the planned work.

### Proven quality

Having designed and implemented so many customer-specific scaffolding solutions over the years, XERVON has succeeded in positioning itself as an experienced specialist in its field – both for individual projects and as part of service agreements. Indeed, we have been working together with many of our customers for years now. Especially with those operating in the chemical, petrochemical and energy sectors – i.e. in industries that regularly need scaffolding to service and maintain their plants and facilities.

XERVON's scaffolding division employs over 1,000 scaffolders and scaffolding specialists. Besides drawing up new calculations, we also have an extensive structural engineering database containing the records from our previous projects

#### > Scaffolding: our areas of expertise

- Work & protective scaffolds
- Special scaffolds
- Access systems
- Enclosed scaffolding

Providing our customers with efficient insulation solutions to meet their exact needs, using our own workshops and well-trained staff and keeping a careful eye on long-term environmental protection – this is what XERVON stands for



# Efficiency determines performance levels

Insulation is a vital component of many manufacturing processes. Depending on the production system, it is used to maintain temperature levels, reduce noise pollution, minimise risks or to sustainably grow efficiency levels. What's more, perfect insulation reduces energy consumption and so helps prevent climate change.

## We'll fit out your plants

XERVON supplies insulation for a whole range of different areas, offering bespoke solutions as well as standard materials and processes. As we use efficient production techniques and are not tied to any particular manufacturer, we can guarantee that the insulation we deliver and install for our customers has been perfectly adapted to meet their exact requirements.

## Standard systems also need expertise

XERVON's in-depth knowledge of industrial insulation means it can provide its customers with extensive advice. As a result, it always develops the most suitable solution, helping to further improve the processes or the performance of the machines and facilities. XERVON is a reliable expert – whether it be for conventional or highly complex situations. When designing our insulation solutions, we always take additional benefits into account, for example reducing the space needed for the insulation, ensuring it can withstand extreme loads or allowing it to be easily dismantled.

## Our energy for your energy

Insulation is not only vital for industrial companies so they can run a safe and cost-effective business. It also helps to

grow sustainability. This is particularly noticeable when it comes to energy as our insulation reduces consumption which, in turn, conserves natural resources and helps curb global warming.

## A wide range of options

XERVON's insulation can be installed as part of a project, during regular maintenance work or during turnarounds. We are able to provide the full range of services – from advice and engineering work, to logistics, all the way through to professionally installing the systems. Any components, which are unable to be produced on site, are made by XERVON in its own specialist workshops.

XERVON's employees have spent many years working in this specialist field, enabling them to design bespoke solutions that provide the best insulation results

### > Industrial insulation: our areas of expertise

- Thermal insulation
- Cold insulation
- Acoustic insulation
- Combined thermal & acoustic insulation
- Heat tracing
- Encapsulated / cassette insulation
- Fire protection



XERVON is also the company to turn to for special projects, such as insulating tank wagons

A worker in a white protective suit and helmet is using a spray gun to apply a coating to a large metal structure in a factory. The worker is wearing a white hard hat with a logo, a white protective suit, and a respirator mask. The background shows a large industrial facility with a complex steel framework.

XERVON's blasting and coating halls give it the space it needs to handle large structures

## Long-lasting, sustainable ideas

XERVON has been a highly sought-after provider of surface technology solutions for many years now – both at home and abroad. Our independent company, XERVON Oberflächentechnik, offers bespoke solutions – delivering surface technology for a wide range of applications, for protecting very different kinds of material as well as for withstanding diverse types of stresses and strains. A reliable way, therefore, to protect plants and facilities over long periods of time.

### Layer by layer for the best results

One of our particular strengths is our ability to combine different coating materials and processes. This ensures long-lasting protection as the coating is adapted to meet the exact requirements of the case in hand. XERVON Oberflächentechnik GmbH not only applies the coating, it also does all the work necessary to prepare the surface beforehand – operating mobile blasting equipment or stationary blasting and coating halls on site at its customers'.

### Paving the way for innovations

XERVON's coatings are used in very different types of areas. Our portfolio contains all kinds of surface technology, including complex applications such as hot spray coatings. Moreover, we make the most of our in-depth know-how to initiate and drive forward developments in this field.

#### > Surface technology: our areas of expertise

- Industrial corrosion protection
- Marine corrosion protection
- Floor coatings
- Coatings in acc. with the WHG (Federal Water Act)

### Plastacor® – repairing rather than replacing parts

We are the only company in Germany able to use Plastacor® – a specialty system that combines a number of options to create a coating that meets the specific needs of plant components. Thick-film coating is used, for example, for tube sheets and tube lining for heat exchanger tubes. Our 'Inlets' system is applied for repairing tube inlets and outlets. The Plastacor® system is a particularly good alternative for repairing parts badly affected by corrosion and is one that saves both time and money.

XERVON Oberflächentechnik performs a variety of tasks, such as coating the interior of tanks used for storing liquids that are corrosive, aggressive or hazardous to water

#### > Plastacor®: areas of use

- Tube sheets
- Condenser water boxes
- Oil & air coolers
- All types of heat exchanger
- Cooling water pipes
- Containers & tanks

XERVON Oberflächentechnik is the only company in Germany to offer the tried and tested Plastacor® coating system



XERVON Oberflächentechnik has been maintaining their customers' pipe bridges and pipe networks for many years now





XERVON Instandhaltung carries out installation and dismantling work – during turnarounds as well as for plant construction and conversion projects

# Totally committed to your facilities

Production plants should be available for use as and when they are needed. XERVON draws up efficient maintenance concepts to ensure operations run smoothly and levels of reliability are increased as well as to prevent unexpected downtime. Moreover, we free up time for our customers by carrying out non-core tasks for them and taking over full operation of industrial and chemical parks.

## Flexibility a key strength

XERVON has been providing its customers with professional maintenance services for over 45 years now. Our extensive range of expertise in this field has been pooled together in our company, XERVON Instandhaltung GmbH. No matter whether it involves a single unit, a complex facility or full management of an industrial site: XERVON always meets its customers' needs, providing them with individual services or a full maintenance package – also as an outsourcing project or as part of a long-term service agreement with budget responsibility.

## A partner with many different skills

Our operatives inspect, service, repair and optimise all types of rotating equipment including valves and fittings. The complex electrical and instrumentation (E&I) technology is also one of XERVON's specialist areas. And, when it comes to condition monitoring, we keep a constant eye on our customers' machines by measuring their performance both online and offline. This enables us to accurately localise and plan any necessary maintenance and repair work.

## Experts for managing sites

XERVON always takes the whole picture into account when it comes to maintenance work. Its portfolio, therefore, also includes additional related services. Thus, for example, we also manage infrastructure facilities such as fire detection



We install, check, service and repair complex electrical and instrumentation technology

systems and environmental analysis laboratories, take on logistical tasks such as in-house transport systems or operate ancillary plants on behalf of our customers, e.g. to process water or supply them with energy and materials.

## Our specialty: Turnaround management

Large-scale plants must, by law, be shut down and overhauled at regular periods. XERVON is one of the leading providers of technical services for these highly complex projects. Thanks to our years of experience, we are able to manage very different kinds of turnarounds. Our portfolio ranges from planning the budget and time needed as well as the project itself, to executing the tasks professionally and within schedule, all the way through to restarting and carrying out a final inspection of the facilities, including detailed documentation of all work.

Our companies, XERVON Facharbeiter- und Montage-service GmbH and XERVON Industrial Plant Services GmbH, enable us to access qualified specialists – so we can react flexibly and provide a consistently high level of service during peak periods, e.g. during turnarounds



Supplying energy and materials is just one aspect of a comprehensive site management concept

### > Maintenance work: our areas of expertise

- Repairing, servicing & maintaining E&I and rotating equipment
- Repairing, servicing & maintaining fittings and valves
- Operating ancillary facilities
- Materials management
- In-house logistics
- Infrastructure services
- Site management
- Turnaround management



**WORKING FOR THE FUTURE**

XERVON is part of the REMONDIS Group, one of the world's largest recycling, service and water companies. The group has branches and associated businesses in more than 30 countries across Europe, Africa, Asia and Australia. With over 30,000 employees, the group serves around 30 million people as well as many thousands of companies. The highest levels of quality. Working for the future.

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