

AS WE LIVE UP TO OUR RESPONSIBILITIES.



RHEINMETALL DEFENCE

THE SECURITY PROMISE FOR A WORLD WITH LESS AND LESS SECURITY.

Political certainties and boundaries disappear into thin air in an amazingly short period of time. It is not even possible to approximately estimate the global effects of climate change, the consequences of urbanisation and demographic development. If we take this initial situation and also consider the fact that rapid technological development – in addition to the existing threat scenarios – is making cyber attacks, drone attacks and new forms of terrorism possible, it becomes clear just how great the current demands are in terms of security.

In order to be able to guarantee security and protection in the world of the future, we need the expertise and energy of a group that, with a successful past in the development of defence and security technology, already has these dangers in mind. In line with changing realities, we see it as our greatest challenge and responsibility to develop pioneering products and systems that are a decisive step ahead of real and future threats.



FUTURE CHALLENGE – DRONE DEFENCE

MAINTAIN CONTROL WHERE THERE IS A RISK OF LOSING CONTROL.

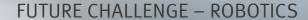
Not only do they have a lot of dangerous potential, they also multiply rapidly: we are of course talking about drones, also called UAVs (Unmanned Aerial Vehicles). In 2016 alone, more than 10 million were sold worldwide – and the figure is now expected to be 6 times as high. Besides many useful practical applications, they are predestined for criminal abuse or terrorist attacks. Not only do they pose a threat to air traffic, they can also be used for carrying out terrorist attacks on stadiums or other major events.

This problem is not made any easier by the fact that drone performance is improving. And in contrast to airplanes and helicopters, they are currently able to completely elude the radar systems of German air traffic control. Admittedly, this all sounds rather dramatic. However, the comforting news is that drone detection is part of Rheinmetall's standard know-how, especially based on our experience in military air defence.

Our answer to the many different threat scenarios: a modular toolbox for drone defence

Military and civilian threat scenarios are increasingly merging. Thanks to its many years of experience in close-range military defence, Rheinmetall is able to offer a variety of countermeasures, including for civilian use, especially in the field of drone defence. This works on the basis of a simple, modular competence scheme: Sense – Decide – Act. Thanks to this toolbox, Rheinmetall Air Defence as a centre of competence is able to offer a feasible solution to this growing threat for every budget and every requirement.





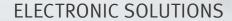
SITTING AT THE STEERING WHEEL WHERE NO ONE IS ACTUALLY AT THE WHEEL.

Autonomous driving is on everyone's lips in the civil sector. But while development, testing and trials are still being carried out in that sector, we already have unmanned vehicles – and this had been going quite successfully too. The best example is the networkable, autonomous robot platform Mission Master UGV. As a multi-purpose unmanned ground vehicle, this platform enables different mission profiles, ranging from transport tasks to the protection of operational forces and surveillance tasks.

Adaptable and modular throughout, the Mission Master can also be equipped with various subsystems. This means it can not only be used in areas that are difficult to access, but also offers protection and security to motorised and non-motorised forces, increases their effectiveness and keeps them away from danger. It's perfect, because this makes it ideal for scenarios that will become more and more demanding, more complex and less calculable in advance.







SHARPEN, EXPAND AND EMPOWER THE SENSES IN SUCH A WAY THAT NO SECURITY GAP REMAINS.

As in almost all areas of life, information and its availability is the decisive factor for successful action – this is particularly true in the military context. Thanks to new technologies, the quality of information is becoming the determining factor in every military operation and information superiority a key element for operational success. The networking of functional chains is also becoming increasingly important in the global fight against crime and terrorism.

Thanks to our broad technology base in defence electronics, we have the right solutions for all these requirements. Our product spectrum ranges from reconnaissance, fire control and command systems to drone systems for various applications. Always with the possibility of integration into an environment based on the information technology networking of platforms, individual soldiers or military units.

C4I systems

C4I (Command, Control, Computers, Communications, Information) stands for a network of the functional chain of command, reconnaissance, situation assessment and impact. The goal: an optimal situation report.

Electro-optics

Our portfolio consists of an innovative range of state-of-the-art electro-optical equipment.

Decisive for the areas of observation and fire control, infantry equipment, sensors.

Simulation

The effective and safe operation of high-tech systems requires well-trained people. Our simulation and training systems offer a wide range of training solutions for both military and civil users.





RHEINMETALL INTERNATIONAL

GLOBALLY POSITIONED, FOR A NEED THAT IS IN DEMAND WORLDWIDE: SECURITY.

We are aware of the crucial role and the responsibility that our products play in the defence, protection and security of our customers. This alone has always made us more of a partner than a mere supplier of military equipment. We support our customers throughout the entire life cycle of our defence systems. This means that we are directly on site to ensure short distances. Accordingly, strategic partnerships with local companies are an essential component in the development and manufacture of military equipment. Within this framework we actively promote and seek cooperation with

local companies. In this way, we contribute to the promotion of local value creation. This is the only way we can meet the high expectations placed in us in a long-term, competent and reliable manner. Better yet: Our international presence provides us with the necessary insight into the different security requirements worldwide and thus guarantees our customers to have a partner in us who knows the different global threat scenarios first-hand.

Rheinmetall Defence operates internationally.

The group of companies has subsidiaries in Europe, North America, South Africa, Asia and Australia and controls a dense network of branches and agencies worldwide. Besides equipping the German armed forces as reference customer and most important partner, Rheinmetall Defence today realises more than 60 percent of its order volume with foreign customers.



The guarantee of stability and security in the context of global change is the key challenge for us. As a technology group whose products make a significant contribution to better protecting those who protect us and which, at the same time, has advanced technology to counter future threats, we are looking for people who are enthusiastic about working on our security promise. Employees who work with us at the intersection of leading edge technology and social responsibility to develop solutions for a safe world tomorrow.

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