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## **ILA 2016: Rheinmetall and MBDA Deutschland's new air defence system can fire on the move**

Rheinmetall and MBDA will exhibit a system concept for close- and very close-range protection against airborne threats for the first time at the ILA Berlin Air Show. This solution ensures highly mobile escort protection as well as immediate firing readiness, and integrates seamlessly in the German Tactical Air Defence System (taktisches Luftverteidigungssystem/TLVS) system architecture as a further possible element of integrated air defence.

Rheinmetall and MBDA are thus pursuing a completely modular solution approach that leverages the integration of existing, series-ready subsystems and components, such as MBDA's Mistral guided missile integrated in the Rheinmetall MPCS turret. In this combination, the component can be deployed as a successful, high-performance successor to the lightweight air defence system leFlaSys/Stinger currently in use with the Bundeswehr.

The components secure reconnaissance, command and control and effect capability against the current and future threat spectrum at close and very close range. Thanks to the modular approach, they can be flexibly integrated on a variety of platforms, e.g. the Boxer, with little effort. The system is relatively light, yet at the same time boasts a large number of effectors per vehicle.

The joint approach of MBDA Deutschland and Rheinmetall builds on a unified system architecture for connecting sensors and effectors that also ensure secure reconnaissance and engagement of current threats from small and very small targets (UAS, LSS).

A large portion of these components is already commercially available, in service in various nations and mission-tested. This reduces the realisation risk and minimises development costs.

**Note to editors:**

Dedicated to the future imperatives of security and mobility, the high-tech Rheinmetall Group is listed on the stock exchange and headquartered in Düsseldorf.

Consisting of three divisions – Vehicle Systems, Electronic Solutions and Weapons and Ammunition – the Rheinmetall Group's Defence sector is one of Europe's foremost suppliers of defence technology, helping to keep armed forces around the globe in top form. Rheinmetall Defence products set the global standard for excellence in a wide array of disciplines: from vehicle, force protection and weapon systems to infantry equipment and air defence, and from network-enabled warfare capabilities to electro-optics and simulation technology. Providing friendly forces with the best-possible protection – that is our mission.

MBDA Deutschland is a leader in the development and production of air defence and guided missile systems for the German Army, Navy and Air Force. The company possesses production and management experience from over 50 years of industrial participation in national and international air defence and guided missile programmes. These include the ground-based MEADS tactical air defence system as well as Patriot, the Rolling Air Frame Missile (RAM) and Evolved Sea Sparrow Missile (ESSM) for naval deployment, the Meteor and TAURUS missiles, developed in European cooperation, for airborne forces, and the MILAN and the PARS 3 LR helicopter armament for ground forces.

MBDA Deutschland is a part of the European MBDA Group. The company operates sites in Schrobenhausen, Ulm and Aschau am Inn. MBDA is a joint undertaking of the AIRBUS Group (37.5%), BAE SYSTEMS (37.5%) and LEONARDO-FINMECCANICA (25%).

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