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## **Rheinmetall: electro-optical systems for optimum effectiveness and comprehensive protection**

High-performance sensors and fire control systems make it possible quickly to detect, identify and discriminate between potential threats, engaging them where necessary. At CANSEC 2013 Rheinmetall is presenting a selection of its diverse array of products in this field.

Along with the Saphir 9.6 aiming device and fire control unit, the Vingmate aiming and fire control system features a combined tripod and gun cradle. It is thus suitable for various 40mm automatic grenade launchers such as the HK GMG and MK19 but also for heavy .50 cal. machine guns like the FN M2, or even 20mm automatic cannon such as the GAM B01. Both Multi-Ray and Vingmate are designed to permit programming of airburst rounds via an infrared laser beam as they leave the barrel. The Canadian Forces use a version of the Vingmate as the Close Area Suppression Weapon (CASW).

At the Rheinmetall stand is the Vingtaqs II observation system. It combines electro-optical reconnaissance with a battlefield radar.

The capability to fight at night or under limited visibility conditions is a key capability of modern armed forces. At CANSEC 2013, visitors can take a look at the Group's trusted KN200/250 night vision sight, the GN night vision goggles, laser pointers, laser target marker and laser light modules, including the Vario-Ray (LLM-VR), and the LLM01, which is in service with numerous armed forces and law enforcement agencies world wide. The Group's ZEFF identification friend-foe system, known as the Dismounted Soldier Identification Device/DSID, rounds out the division's array of products on display, together with its Multi-Ray fire control unit.

The new Multi-Ray is substantially more compact and lighter than its FeLVis forerunner, and is suitable for low- and medium-velocity 40mm ammunition. It features a laser rangefinder, is able to detect if the weapon is at an incline, and also calculates the necessary lead. In addition, it is equipped with a laser pointer, an IR laser pointer invisible to the human eye, an electronically focusable IR illuminator and an optional identification friend/foe device.

The Rheinmetall products on display at CANSEC 2013 underscore once again the versatility of a globally leading systems supplier and longstanding partner of the world's armed forces and security services.

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