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Integrated Surveillance System (ISS) from Rheinmetall: wide-area perimeter protection for critical infrastructure

Reliable protection of commercial, strategic and military assets from attack requires persistent surveillance, 24/7, to provide sufficient time for security forces to react. Rheinmetall's Integrated Surveillance System (ISS) is a unique and cost-effective solution that allows operators to enhance situational awareness and cut response times.

Developed and produced by Rheinmetall, ISS helps to protect critical military and civilian infrastructure, borders and harbours. This multi-sensor surveillance system enables wide-area observation, detection, identification and monitoring at forward operating bases, international borders or for watching over strategic assets such as oil refineries and power plants.

With Rheinmetall's unique sensor command & control software as its backbone, the ISS is a modular and scalable system that can easily be configured to meet specific needs, with future growth potential when customer requirements change. The software is designed to work with any type of sensor and any type of vector.

Using the SC2PS application, all sensors can be operated from a single container-sized control station. SC2PS adds metadata to the sensor imagery such as sensor field of view, target range and target coordinates, which are displayed in real time on the operator's monitors. Digital geo-referenced reports with video and snapshots can be rapidly created and forwarded in real time to local or higher-echelon headquarters for immediate action. In addition, ISS can interface directly with other surveillance system such as CCTV, UAVs, and perimeter fence monitoring systems.

ISS is based on the tried and tested forerunner, the Persistent Surveillance System (PSS). This balloon-supported version of the ISS has not only been in service with the Canadian military in Afghanistan, it also served as a key element in protecting the Vancouver Olympic Winter Games and the G20 summit in Toronto.

Rheinmetall is able to offer turnkey solutions for monitoring critical military and civilian infrastructure as well as port and border security – including support in planning, installation and operation, backed up by round-the-clock after sales service support.

Visitors to Indo Defence 2016 can find out more about ISS at the Rheinmetall stand.

For more information, please contact:

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