

# Marport C-Tech and OSI Geospatial Team

Marport C-Tech has signed a teaming agreement with OSI Geospatial to integrate Marport's CSDS-85 Underwater Intruder Detection Sonar with the OSI Geospatial Asset Control and Tracking (ACT) system.

Marport's CSDS-85 surveillance sonar is a fifth generation Omni Sonar designed for the detection of undersea intruders such as divers, swimmers, swimmer delivery vehicles, mini-submarines and unmanned underwater vehicles. It can be deployed in a single-unit configuration for underwater surveillance or networked together to maximise area coverage.

The sonar can also be deployed from a ship to provide security in high risk locations, such as foreign ports. The system is currently operational at multiple sites around the world, protecting naval bases, commercial ports and other high value assets from underwater intrusion.

The first challenge that must be met by any sonar providing underwater protection is target detection. Once detected, the target must be automatically tracked to enable the operator to quickly determine whether the target is a threat. These and other capabilities are addressed within Marport C-Tech's CSDS-85 Intruder Detection Sonar.

Once a target has been identified as a threat, the operator can instantly transmit target position data to the OSI ACT system for interception and prosecution. The ACT system is a versatile and scalable solution that enables real-time, wireless command and control in high tempo situations. The system is based on a secure COTS architecture and can be deployed onboard vessels for expeditionary protection as well as shore based command posts. A small craft version features fully ruggedised hardware for use in high-speed intercept patrol vessels. The ACT small craft version has been selected by the Canadian Navy to support security operations during the 2010 Winter Olympic Games in Vancouver.