

Terma North America (“Terma”) is the U.S. holding company for the North American activities of Terma A/S, a Danish company that develops and markets high-tech solutions, systems, and products for civilian and military applications world-wide. For more than three decades Terma has provided mission critical solutions for the aerospace, defense and security sectors throughout North America.

Terma designs, develops, and delivers state-of-the-art radar systems, innovative security and surveillance solutions, and advanced systems for radar surveillance, intrusion detection, voice communication, and Air Traffic Management. These systems are being used by ports, airports, coast guard, first responders, emergency organizations, and defense forces globally. We offer standard and tailor-made solutions that accommodate the increasing need for effective security and surveillance.

Terma is the only radar supplier with over 20 years of focused research and product development within non-cooperative small target detection and in extreme weather conditions.

Our land-based Vessel Traffic Services (VTS) and Coastal Surveillance (CS) systems were initially tailored for VTS applications in ports and waterways, but later modified to encompass security applications including state sovereignty, EEZ surveillance, and preventing illegal migration and drug trafficking. We have gained significant experience in the design of radars for port surveillance and are able to deliver a number of different system configurations fulfilling the recommended specifications for radar systems applicable to VTS areas with high traffic density and/or specific navigational hazards, as described in the IALA Recommendation V-128 On Operational and Technical Performance Requirements for VTS Equipment. Terma sits on the IALA board and was extensively involved in developing the V128 specifications.

Our naval radar surveillance system is the only radar sensor providing simultaneous small target detection and helicopter guidance. Terma's SCANTER X-band Navigation, Surface Search and Short Range Air Surveillance Radar Systems are complete radar sensor systems with proven small target detection capability to assist authorities in efficiently monitoring illegal activities such as drug trafficking, smuggling, illegal immigrants, piracy, illicit fishing, terrorism, etc. It is perfectly suited for high-definition sea surface surveillance and short-range air surveillance for helicopter control and ship navigation. Our SCANTER line of radar systems are specifically designed to enter service where the commercial marine radar fails to meet the requirements for noise and interference rejection, signal processing, electronic interfacing, signal distribution, and resistance to a tough environment.

We have accumulated a deep and thorough know-how about radar sensor technology comprising advanced signal processing and high performance antennas specifically tailored for small target detection in rough weather conditions.

Additional Terma capabilities include:

- Wind Farm Radar Surveillance that is the only air surveillance system providing interturbine visibility and detection and tracking of small air targets inside and around wind farms.
- Airport Surface Movement Radar that is operational in more than 100 major airports throughout the world to allow air traffic controllers to detect and guide aircraft and vehicles (i.e., baggage carriers, buses, supply trucks, staff cars, etc.).
- Side-Looking Airborne Radar system primarily designed for environmental surveillance (e.g., detection of oil pollution, hazard spills, and tsunami debris) on the surface of the ocean. Capable of mounting on multi-mission tactical aircraft, the system features a long-range sensor capable of detecting oil pollution up to 20-25 nautical miles to both sides of the aircraft and integrates with a variety of surveillance sensors, navigation equipment, and video.
- Radar sensor system specifically optimized for submarine application.