



# Maritime Patrol Aircraft (MPA) Services

Using the Pilatus PC-12NG aircraft, we deliver a wide variety of services for maritime missions. The aircraft is equipped with a powerful radar, avionics, optronics, live video downlink options and an operator console for maritime patrol missions such as range clearing operations before, during and after weapon test trials. QinetiQ GmbH owns the design organisation to customize the MPA to your needs. Interested in what other missions our aircraft can support? Contact our Team.

## **Current features of the QPresence Pilatus PC-12NG aircraft include:**

### **Multimode RADAR PreciSR1000 for Airborne Intelligence, Surveillance and Reconnaissance**

- SAR: Synthetic Aperture Radar
  - Reconnaissance and classification of fixed targets using Synthetic Aperture Radar (SAR) imaging in Spot and Strip mode
- GMTI: Ground Moving Target Indication
  - Air-to-Ground surface search including respective target tracking
- OSL: Maritime Long Range Mode
- OST: Maritime Small Target Mode
- MMTI: Maritime Moving Target Indication
  - Maritime detection and surveillance including tracking of respective vessels
- ISAR/ RP: Inverse SAR/ Range Profiling
  - Classification of maritime objects with Inverse Synthetic Aperture Radar (ISAR) imaging and Range Profiling (RP)
- AMTI: Detecting of low fly objects above ground

**2x VHF Multibandradio COBHAM RT 7000 (30-900 MHz)**

**Mission system with Enhanced Reality System and Video recording Hensoldt RN 7 NG**

**AIS (Automatic Identification System) Module**

**Wescam MX 15 EO / IR Sensor**

**Datalink Kongsberg MBR179 (4900-5900 MHz) Omnidirectional**

For more information:

**QinetiQ - GmbH Maritime Patrol Aircraft**  
**Sales@qinetiq.de**