To truly ensure territorial integrity and security in today’s complex environments, airborne surveillance is crucial. So too is extended range coupled with the ability to detect low-observable air, sea and ground objects. With the new GlobalEye AEW&C solution, you get it all.

GlobalEye AEW&C provides air, maritime and ground surveillance in a single solution. It combines a powerful new extended range radar with the ultra-long range Global 6000 jet aircraft from Bombardier*. A solution that maximizes operational performance – both in terms of detection capability and mission endurance – while at the same time offering outstanding crew comfort.

**EXTENDED RANGE, ENHANCED PERFORMANCE**

With highly increased detection range and over 11 hours of operational endurance, GlobalEye AEW&C is perfectly suited to fulfil the most demanding operational requirements. Particularly since it has the ability to detect low-observable air targets in heavy clutter and jamming conditions and also can detect and track maritime targets out to the elevated horizon and small jet-ski or RIB sized vessels at very long distances.

**ONE SOLUTION, MULTIPLE ROLES**

GlobalEye AEW&C is a true multi-role system designed to operate effectively in a wide range of missions – air, maritime and ground surveillance in one single solution. It can operate in dedicated roles or in a multitude of combined roles and has the ability to instantly switch between these roles – swing-role – at any time during an on-going mission.

**ENDURANCE FOR ALL MISSIONS**

The Global 6000 aircraft is perfectly suited for special mission applications and its outstanding flight performance, extended mission endurance and an unusually spacious working environment – including a cutting-edge cockpit with advanced awareness technology – make it ideally suited for multi-role AEW&C.

*Bombardier is a trademark of Bombardier Inc.*

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**AIR SURVEILLANCE:**
- Powerful new Erieye ER (Extended Range) radar to reclaim the detection distance for small and future targets
- Detection and tracking range highly increased
- Designed to work in severe clutter and jamming conditions
- Adaptive AESA radar – energy is focused on areas or targets of interest

**MARITIME SURVEILLANCE:**
- Detects sea targets out to the elevated horizon
- Detects small boats, like jet-skis at long distances
- The unique combination of Erieye ER and maritime surveillance radar allows for detection of objects down to the size of a periscope
- AIS, EOS and ISAR for identifying objects

**GROUND SURVEILLANCE:**
- Detects moving objects through long-range wide area GMTI
- Radar images, weather independent, with a dedicated radar

**MISSION CAPABILITY:**
- Ultra-long range business jet, ideally suited for special missions applications, >11 h endurance
- Excellent airfield performance, 6500 ft, allows the use of smaller airports
- Full Self-Protection Suite
- Ideal working conditions for all crew members

**DOMAIN CAPABILITIES**

- Latest generation Command & Control
- Operators sideways seated
- Ergonomic seats
- Low cabin noise level and pressure altitude
- 6-seat rest area

**SYSTEM OVERVIEW**