



GECO (MSS)

THE WORLD'S MOST ADVANCED MILITARY AIR MISSION SUPPORT SYSTEM (MSS)



INZPIRE'S GECO (MSS) SUPPORTS THE ENTIRE MISSION END-TO-END WITH ITS POWERFUL OFF-BOARD MISSION PLANNING SYSTEM AND ON-BOARD GECO (AIR) MISSION MANAGEMENT SYSTEM.

Inzpire's GECO (MSS) provides the most intuitive and highly capable air mission support system currently available on the military market. In-Service with the UK Royal Air Force, GECO (MSS) comprises a ground-based Mission Planning System (MPS), capable of transferring the mission plan to the aircraft avionics via a data-loader, and an on-board tablet-based mission management system, GECO (Air), for real-time mission support. Designed by operationally experienced Inzpire pilots alongside our award winning engineering team, GECO (MSS) meets current and emerging military mission requirements.

GECO (MSS) delivers the following core features:

- Networked mission planning (real-time)
- Powerful geo-visualisation (2D and 3D)
- Multi-aircraft mission rehearsal and debrief
- Interoperable with other planning systems
- Weight, balance and performance calculations
- Safety calculations (e.g. Safety Altitude)
- Tactical mission layers (threat and intelligence)
- Import multiple data sources
- Mission plan to aircraft via existing data loader
- Print mission maps
- Load to GECO (Air) tablet



The GECO (Air) tablet provides a highly-intuitive display of tactical and safety information complimenting existing aircraft systems, enhancing mission effectiveness and reducing cockpit workload. The tablet provides a GPS digital moving map, embedded tactical mission data, and full Electronic Flight Bag functionality.

The System is designed to operate anywhere in any environment, from fully networked bases to remote deployed locations. The modular architecture allows the system to be tailored to a wide range of platforms, roles and requirements, and the MPS and GECO (Air) tablet can be bought separately and operated as stand-alone systems if required. GECO is used in the UK and overseas by a wide variety of fixed-wing and helicopter platforms, across all mission types ranging from maritime patrol to combat search and rescue.





GECO (MSS) is a genuinely modular app-based system, which comprises fully interoperable components that transform mission planning, mission execution and post-flight analysis. The collaborative working environment meets the most exacting client functionality, security, network and safety requirements.

SOME OF THE GECO (MSS) KEY BENEFITS INCLUDE:

CUSTOMER-FOCUSED DESIGN

Designed by highly experienced aviators from a wide range of military backgrounds who truly understand mission tasking and execution. Our aircrew work alongside our outstanding engineering development team to ensure that the System is fully compliant with demanding military needs.

MULTI-AIRCRAFT SOLUTION

GECO (MSS) can provide full-mission support to a wide variety of aircraft types and is interoperable with other mission planning systems.

VALUE FOR MONEY

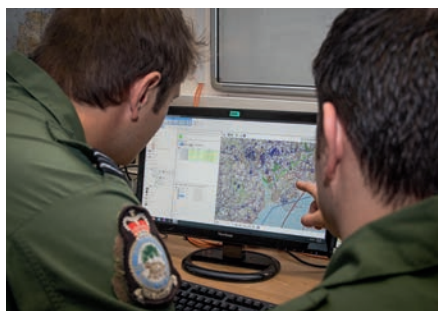
Our combination of system design and use of COTS hardware delivers a solution that offers outstanding value for money.

DATA MANAGEMENT

GECO is able to import a wide range of planning data including mapping, imagery, NOTAM, intelligence, aeronautical information and aircraft performance data. Management of data is performed through an intuitive user interface ensuring full customer control.

“ Inzpire’s Mission Support System has delivered a significant enhancement to operational effectiveness for the UK RAF Puma Force. It has contributed to the safe conduct of sorties flown during training and on operations, both in the UK and overseas, by day and by night. ”

Wing Commander
Toby Sawbridge MBE BSc RAF
Officer Commanding 230
Squadron Royal Air Force



Since 2009 Inzpire’s GECO systems have been providing critical on-board and off-board mission support to military operations around the globe. **GECO (MSS), the World’s most advanced military air Mission Support System.**