

SYSTEM OVERVIEW



Our GECO MSS is designed to meet the situational awareness and safety needs of the demanding military cockpit.

GECO is designed, built and delivered by ex-military aircrew, software experts and engineers, all of whom have vast experience in developing avionics products for military use.

Delivering multi-platform mission planning, briefing, execution and debrief solutions, GECO MSS combines award-winning software with modern, high-performance hardware to deliver the right information, at the right time, in the right format to military aircrew. The system's capabilities enable aircrew to make better decisions quickly, ultimately making operations safer.



The GECO system is made up of two elements:

- **A ground-based element (either a desktop, laptop or rugged laptop PC).** This is used to: manage data; plan missions; rehearse and debrief using 2D or 3D viewpoints; configure GECO tablet PCs; and upload mission data to GECO tablets and/or aircraft avionics if required.
- **An element for airborne use (a high-performance tablet PC).** This provides a moving map and electronic flight bag (EFB) which is normally mounted on the pilot's leg. The EFB provides enhanced awareness of the tactical situation and hazards such as vertical obstructions and terrain.

GECO provides aircrew with three major benefits:

- **Enhanced safety.** Many of GECO's features provide aircrew with critical safety information relating to obstacle avoidance (provided through 2D/3D obstruction alerting), terrain awareness, performance planning, aircraft emergency handling and beyond-line-of-sight tracking and communication.
- **Value for money.** With GECO providing a truly multi-platform 'carry-on' solution using commercially available, high-specification hardware there is no need undertake aircraft modifications, ultimately saving time and reducing cost.
- **Increased mission effectiveness.** Providing the right information, at the right time, in the right format to military aircrew aids the decision-making process.

The GECO system can be loaded with navigation databases from a variety of sources. Many current customers have access to national sources of data which they choose to import and manage themselves. If nationally sourced data is not available, we will work collaboratively with the customer to create a solution to meet their requirements.



POINT OF CONTACT



If you would like to find out more about how GECO MSS can support your mission planning, rehearsal, execution and debrief requirements, please contact Alistair Howard:

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