CUSTOMER-FOCUSED MULTI-AIRCRAFT SOLUTION

inzpire
AIR | LAND | MARITIME | CYBER | SPACE

STANDARDS
Safety: Def Stan 00-056
Security: UK MOD accredited to SECRET
Software: RTCA DO-178C (Software Level D), RTCA DO-200

HARDWARE QUALIFICATION
EMC: MIL-STD-461F
Environmental: MILD-STD-810G
Ingress Protection: IP65

GECO SYSTEM DATABASES

Maps and Imagery	CADRG/CIB, ASRP, MrSID, GeoTIFF, JPEG, TIFF, BMP, GIF, PNG
Digital Terrain	DTED, OS Terrain 50
Obstacles	XVOD, AIXM, Shapefile
Aeronautical	Jeppesen, ARINC 424, DAFIF, TAPs, HLS/MAD and Enroute Books
Aircraft Performance	Bespoke databases prepared by Inzpire on behalf of customer organisations
Documents	PDF
Postcodes and Towns	Ordnance Survey Database
Shapes, Lines and Spot Points	KML, GML, AML, Shapefile
Spec Imagery	TIFF, JPEG, BMP, GIF, PNG, MrSID, PDF, PPT
3D Models	GECO bespoke database prepared by Inzpire on behalf of customer organisations

EXTERNAL MISSION DATA

NOTAMS	Live NOTAMs
Route Definitions	CADS, CRD
Tactical Data	ACO, ATO
Weather	GRIB

REAL-TIME RECORDING/DISPLAY

Aircraft Avionic System Data	Information from aircraft data buses/systems (e.g. AIS data) can be displayed on the GECO digital map.
GECO Tablet Flight Debrief Data	GECO bespoke database created by the GECO Tablet during flight
Aircraft Instrumentation	Aircraft flight instrumentation data can be downloaded to the GECO Mission Planning System and 'replayed' using a common timeline in support of mission debrief activities
ADS-B	GECO can display this advanced surveillance technology that shares and highlights local participating aircraft position and track information
AIS	GECO can be loaded with an AIS maritime database and accept AIS information such that a maritime surface vessel picture can be displayed, integrated and recorded

Since 2009 Inzpire's GECO systems have been providing critical on-board and off-board mission support to military operations around the globe.