LandForm® X

Mission Management
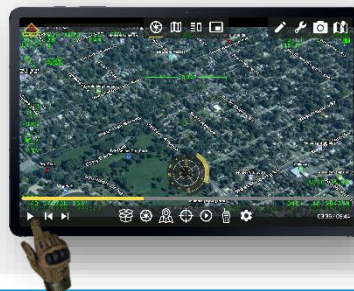
Carry-On Tablet Mission Management

LandForm® X is a comprehensive Mission Management System for Intelligence, Surveillance, and Reconnaissance (ISR) applications offering a variety of Airborne ISR capabilities and situational awareness tools. LandForm® X is deployed on an Android tablet (or embedded chipset), allowing for a "Carry-On" Mission Management solution. Plus, with affordable pricing and a user-friendly interface, LandForm® X makes airborne ISR Mission Management more accessible to Tactical Flight Officers and Sensor Operators world-wide.

LandForm® X Features

LandForm® X is a full-feature mission management system available on an Android tablet (or embedded chipset). Core capabilities include full sensor control with geopointing, moving map, target list, geospatial augmented reality, and a DVR.
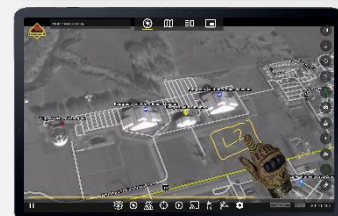
"Carry-On" Mission Management

LandForm® X provides a carry-on capability, allowing sensor operators to carry their Mission Management System with them from aircraft to aircraft or back to the office for post-mission review.

User-Friendly & Attractive Price-Point

LandForm® X includes a user-friendly interface and an attractive price-point. Contact us to schedule an introductory call or receive a quote.

SPECIFICATIONS

Operating System
Android

Sensor Connectivity
WIFI
Ethernet

Supported EO/IR Sensors
Multiple Major Platforms
Contact Us for Complete List

Video & Image Formats
MPEG 2/H.264
MPEG/KLV – MISB 0601
STANAG 4609

Features
Sensor Control
Geopointing
Moving Map Display
Target List
Mission Packing
Geospatial AR–SmartCam3D®
Custom GIS Importing
Geocoding
Cross Cueing
Target Marking
Measurement
Geospatial Telestrator
TAK Server Compatible
DVR

8300 Airport Road – Suite 1
Middleton, WI 53562 USA

608.824.1131
landform@ctic.us
www.ctic.us

GEOSPATIAL AUGMENTED REALITY

Baseline GIS Data: Display road vectors, street names, POIs, and other common geospatial entities within live FMV.

Custom GIS Data: Import (e.g., .kmz) and display custom GIS entities.

Vectors and Polygons: Generate and display vector paths or polygons.

3D Objects: Display 3D Entities (e.g., .obj files).

Common Operational Picture Entities: Display User-Device locations (e.g., ATAK Device Locations).

PERFORMANCE HISTORY

SmartCam3D®, which is embedded within LandForm® X, has a rich performance history, originally serving as the primary flight display for the NASA X38 during initial unmanned testing. Additionally, since 2003, the technology has been deployed with US Army Tactical Unmanned Systems as a module within the Universal Ground Control Stations (UGCS), used in conjunction with the Shadow and Gray Eagle UAV Platforms. Additional integrations touch all levels of the FMV ecosystem.
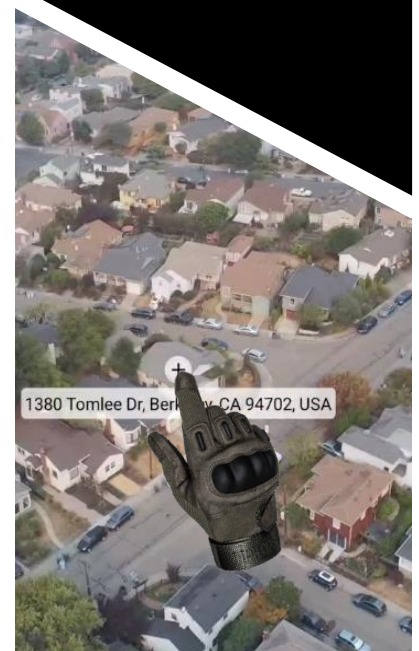
FMV ANNOTATION TOOLS

Geocoding: Enjoy three geocoding options to forward- or reverse-geocode locations within live FMV.

Cross-Cueing: Simultaneously navigate the map and FMV display using an Active and Reactive cursor.

Target Marking: Mark targets by tapping in the video. Customize the POI marker and add it to the Target List.

Measurement: Range & Bearing tools within live FMV. Measure areas of closed polygons.

Geospatial Telestrator: Free-hand annotate live FMV.

1380 Tomlee Dr, Berkeley, CA 94702, USA