



# Mission accomplished!

## Xplorer

The certified Moving Map, Situational Awareness and Mission Management System has been designed from the outset as a robust and highly flexible integrated system that interfaces to a wide range of avionics, sensors and communications devices.

### Key Features

- Dual-Head capabilities
- State of the art map projection (orthogonal depiction)
- Fully certified
- Multi sensor fusion
- Newest HMI technology

### Key Benefits

- Full blown Situational Awareness and Mission Management
- Agile development of new interfaces
- Fast adaption to customer specific requests
- Cloud based update services (SW, maps and configuration)
- Large civil and military feature set
- Modern feature set thanks to SW partitioning
- Platform agnostic
- Multiple roles / several work desks (pilot and co-pilot)
- Manned and Unmanned Teaming

## Key Facts

- Dual-Head capabilities
- 3D Mission View
- Accurate projection of maps thanks to orthogonal depiction
- Facile adaption of new interfaces
- Weather & Search Radar overlay
- DAL C partition for TSO'd core functions
- DAL D partition for mission and customer specific functions
- Certified to ETSO-C165a
- HTAWS certified to ETSO-C194

## Mission Management

The Xplorer can process various map formats such as vector and raster maps, satellite pictures and aerial photographs. Commercially available databases (e.g. obstacle databases, POIs) or customer own databases may be integrated.

### Key Functionalities

- Fleet Management & Flight Tracking
- Flight Planning & Mission Tools
- Different communication capabilities
- Multi page concept
- Single line search
- Pilot features (kneeboard mode)
- Data & Event recording
- Interoperability, Camera control
- Multiple control devices (Touch, Bezel keys, Keyboards ...)

## Situational Awareness

The Xplorer offers a wide and extremely flexible range of interfaces to interact with third party equipment, sensors and communications devices. It takes the information and presents them, as selected by the crew, for maximum situational awareness.

### Numerous overlays on map

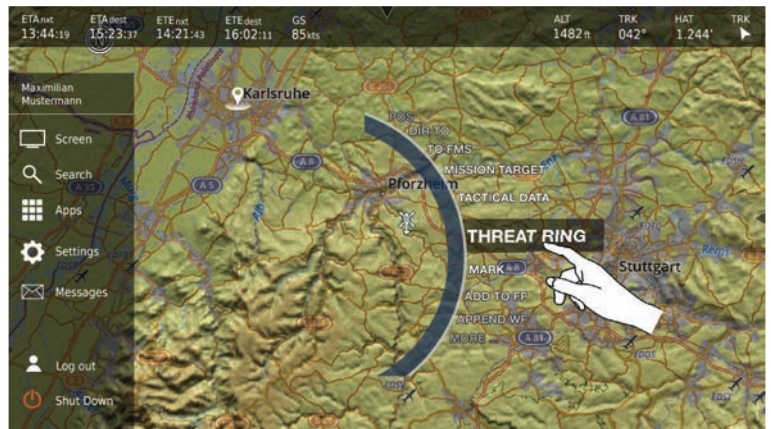
- HTAWS
- JeppView charts
- Terrain & Obstacles
- Vertical Terrain Profile
- Traffic & Airspace
- Weather Radar & Search Radar
- Fusion of various information
- Multiple maps

## Accurate map projection



The new efficient map engine generates modern map design and accurate projection of maps thanks to orthogonal depiction.

## Newest HMI technology



Fully customizable HMI where position of functions, buttons, and panels can be changed quickly and easily through touchscreen monitoring. Standard or customized pages can be optimized to mission, aircraft and customer requirements and for different operations!

## Xplorer - Solution (example)

