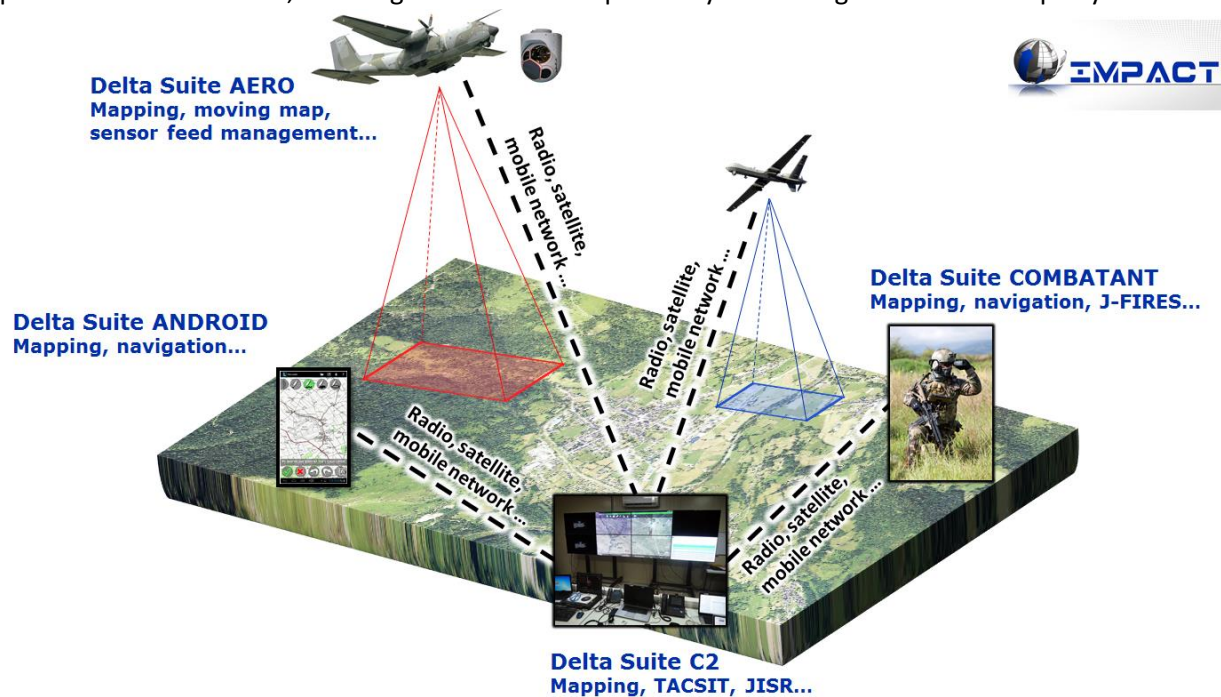


## Introduction

The DELTA SUITE software solution from IMPACT is available in different mission-critical versions tailored around specific operational needs: VIEWER, AERO, C2 and COMBATANT.

All versions share a number of common basic features and add mission-specific modules: Mapping, Navigation, Moving Map, TACSIT, JISR, J-FIRE...

Data link between various DELTA SUITE assets is ensured through compatible communication systems. Finally, the DELTA SUITE is fully compliant with a wide range of military and civilian data exchange protocols and standards, ensuring increased interoperability with a large number of 3<sup>rd</sup> party solutions.



## Basic features

Persistent display of:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Coordinates display (MGRS, LAT/LON)</li> <li>• Altitude &amp; Elevation (m &amp; ft)</li> <li>• Graphical Scale (metric / imperial)</li> <li>• Local / Universal Time</li> </ul> | <ul style="list-style-type: none"> <li>• Navigation tools: map drag &amp; pan, 3D view orientation, Zoom In/Out, markers, GOTO, Bookmarks</li> <li>• Integrated GIS query tool</li> <li>• Azimuth &amp; Distance measurement tool</li> <li>• 2D / 3D toggle</li> </ul> |
|---|--|

## Mapping module: Geo-mapping data integration & management and terrain analysis tools

In addition to the generic functionalities described above:

- Drag-and-drop import of various geospatial data formats: GeoTIFF, JPEG 2000, ECW, DTED/DMED, Shapefile, KML/KMZ, NITF, S57, USRP, ASRP, Mr Sid
- Vector graphics overlays and drawing tools, elevation profile, 2D & 3D intervisibility...

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## Navigation module

This particular module enables real-time 2D or 3D navigation:

- NMEA 0183 GPS frame compliant
- GPS auto configuration and auto connect / disconnect
- Creation and management of waypoints, routes and POIs
- Various map orientations
- Navigation window with coordinates, elevation, current heading, ground speed, bearing, distance to WYPT, ETA display
- Color-coded signal strength indicator
- Real-time route logging
- Alerts (Danger areas, phase lines, route / corridor lateral egress alert)

## JISR module

This module offers powerful JISR (Joint Intelligence, Surveillance and Reconnaissance) features. It enables the treatment of various sensor feeds and metadata in real-time or near real-time: ATO/ACO display, Target information display, Aircraft or UAV position & track, sensor footprint and sensor point of interest (SPOI), Aircraft to target path...

## J-FIRE module

The J-FIRE module provides cutting-edge tools and features which enable the user to be fully integrated within a DACAS loop.

The J-FIRE module relies on superior BFT and TACSIT data fusion and real-time or near real-time positioning data exchange for increased SA.

The J-FIRE module also seamlessly integrates with a wide range of LRFs (Sophie MF & XF, JIM LR, Vector 21 / 4 / Nite, Moskito and PLRF25C).

The J-FIRE module allows the combatant to extract and display coordinates from a designated point on the map and transmit the targeting data using standardized message formats.

The J-FIRE module also offers messaging and graphical tools to create, update, send and receive TACTSIT data.

## Situational Awareness (SA)

The DELTA SUITE - COMBATANT version provides superior Situational Awareness, based on real-time or near-real time data fusion of BFT and sensor downlink feed, as well as TACSIT data.

## Military and Civilian Sensors and Communication equipment

The DELTA SUITE is fully compatible with existing military sensors and devices: Pearl, Pilar, Blue Force Tracker (SILEX, Sysnav) etc.

Supported communication equipment include: ROVER 5i, Vortex, SIR, PRC117, PRC152 and Inmarsat.

## Standards et protocols

The DELTA SUITE - COMBATANT version is fully compliant with the following standards and protocols: KLV (STANAG 4609), VMF (STANAG 5519), TCP/IP, Liaison H (LH)...

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