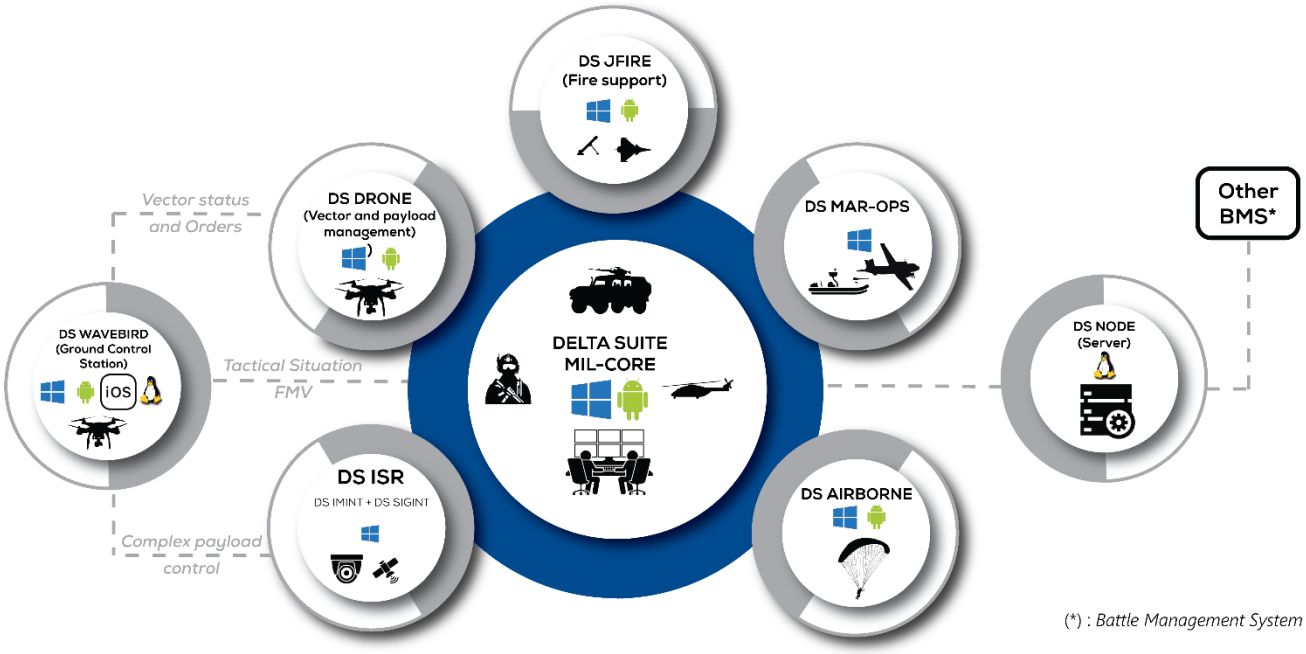
# PRODUCT DATA SHEET – DELTA SUITE MIL-CORE for Windows




## Presentation

The **DELTA SUITE MIL-CORE** (DS MIL-CORE) groups together the basic modules required by military users, and thus forms the basis for versions designed for the armed forces. Its "for Windows" version is designed to equip operators working specifically on this operating system, whether they are dismounted, embedded in vehicles or working from a **command center**.

Complementary modules such as **DS MAR-OPS**[1], **DS ISR**[2], **DS JFIRE**[3], **DS DRONES** or **DS AIRBORNE**[4] can be added to meet more specific business needs. A software development kit, called **DS ENGINE**, enables developers to add new capabilities to the **DS MIL-CORE**.

The combination of **DS MIL-CORE**, used in operations since 2015 by the French Special Operations Command, and the new **DS NODE** server, promotes interoperability with third-party systems thanks to compliance with military and civilian standards and protocols[5].

## DELTA SUITE MIL-CORE for Windows features

**DS MIL-CORE** features a wide range of functions that respond natively to operational needs.

### Cartography module

Integrated cartographic tools enable interaction with a wide range of geographic data formats (import of vector or raster files and connection to map servers), as well as spatial analysis capabilities (slope profile calculation, intervisibility calculation, geofencing, etc.).

[1] Specific module for naval units involved in government action at sea.
[2] ISR (Intelligence, Surveillance and Reconnaissance) business module, including IMINT and SIGINT modules.
[3] Joint FIRE (joint fire support, including digitized air support).
[4] Mission preparation module for airborne troops.
[5] Contact IMPACT for an exhaustive list of compatible protocols, equipment and systems.


IMPACT: Single-member Simplified Joint Stock Company with capital of €15 000
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## Location and navigation module

This module allows you to position yourself in the map background using GNSS receivers[5] (military or civilian) or inertial units[5] and provides access to basic and advanced navigation tools.

## TACtical SITuation (TACSIT) follow-up module

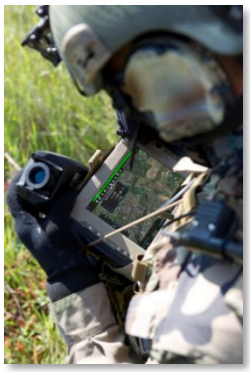
This module provides advanced tools for monitoring and exchanging tactical situations. It is based on the real-time fusion of friendly position feedback (Blue Force Tracking), vector information entered by operators, and data received from connected sensors. The wide range of compatible communication media5 and standards and protocols5 supported by both **DS MIL-CORE** and the **DS NODE** server enable the merged tactical situation to be exchanged within the **DELTA SUITE** ecosystem, as well as with third-party operational information systems.

## Full Motion Video (FMV) module

This module can simultaneously process several real-time or delayed video streams from a variety of sensors (on-board UAVs, aircraft, etc.).

Processing of the video stream and associated metadata (STANAG 4609) enables video-related information to be displayed in the **DELTA SUITE** background map (target, sensor footprint, carrier position, line of sight, areas already observed, etc.). It can also be used to display vector-based information in the video player (field christening or SITAC), and offers the ability to draw points, lines or polygons directly in the video.)

## Laser Range Finder (LRF) module



In addition to displaying the result of a rangefinder measurement in the map background [5] connected to the **DELTA SUITE**, this module can be used to modify some sensor parameters (track change, telemetry launch) and dynamically display the observation sector and video offset.

## CHAT messaging module

An instant messaging tool based on **DELTA SUITE**'s internal exchange protocols or on the XMPP protocol, this module enables messages and attachments to be exchanged within the **DELTA SUITE** community, as well as with users of compatible systems[4].

## Contact

For further information, please visit our website https://sas-impact.fr/ or write to us at contact@sas-impact.fr