



THE VALUE OF PERFORMANCE.

**NORTHROP GRUMMAN**

## ***I-TaCCS***

***Integrated - Tactical Command  
and Control Services***

**M**odern conflicts are increasingly fought in an asymmetric environment. Whether in urban insurgency, peacekeeping operations or the manoeuvre battle, the availability of tactical command, control and Situational Awareness (SA) enables the agile and flexible application of effects.

The Northrop Grumman I-TaCCS capability provides a high quality, secure and user-friendly solution. The core applications of I-TaCCS are used by several countries throughout the world. This provides I-TaCCS unrivalled levels of interoperability within the international forces, such as between the UK and US forces. Developed in accordance with the UK MOD Architecture Framework (MODAF), the flexibility of the I-TaCCS architecture ensures that the customer's capability requirement is realised.

The versatile architecture and scalable configuration of I-TaCCS makes it suitable for use in a wide range of operational environments ranging from a tactical Command Post (CP) to mounted and dismounted operations.

This versatility makes I-TaCCS ideal for small, discrete, short-duration operations.

When coupled with the Northrop Grumman I-JOCCS capability, I-TaCCS delivers a complete C4ISR solution via the creation and visualisation of a Common Operating Picture (COP), delivering live Blue Force Tracking (BFT), integrated messaging (Reports, Returns and Requests) and a suite of planning and decision making tools. I-TaCCS provides the foundations to create and manage two-way BFT communications using the track information provided to HQs and platforms and therefore enhances Situational Awareness. The product is available in both a Command and Tactical variant and centred on a graphical map display.

Integration with legacy systems and future platforms is straightforward. Vehicle mounted configuration is easily tailored to the host vehicle without the need for any major modifications to the vehicle structure. Additionally, the extensible architecture allows third-party applications to be incorporated to provide mission specific services.

Defence Lines of Development (DLODs) and Through Life Capability Management (TLCM) are addressed throughout all aspects of I-TaCCS, including the provision of tailored training packages, logistic and maintenance support, infrastructure support and doctrine development.

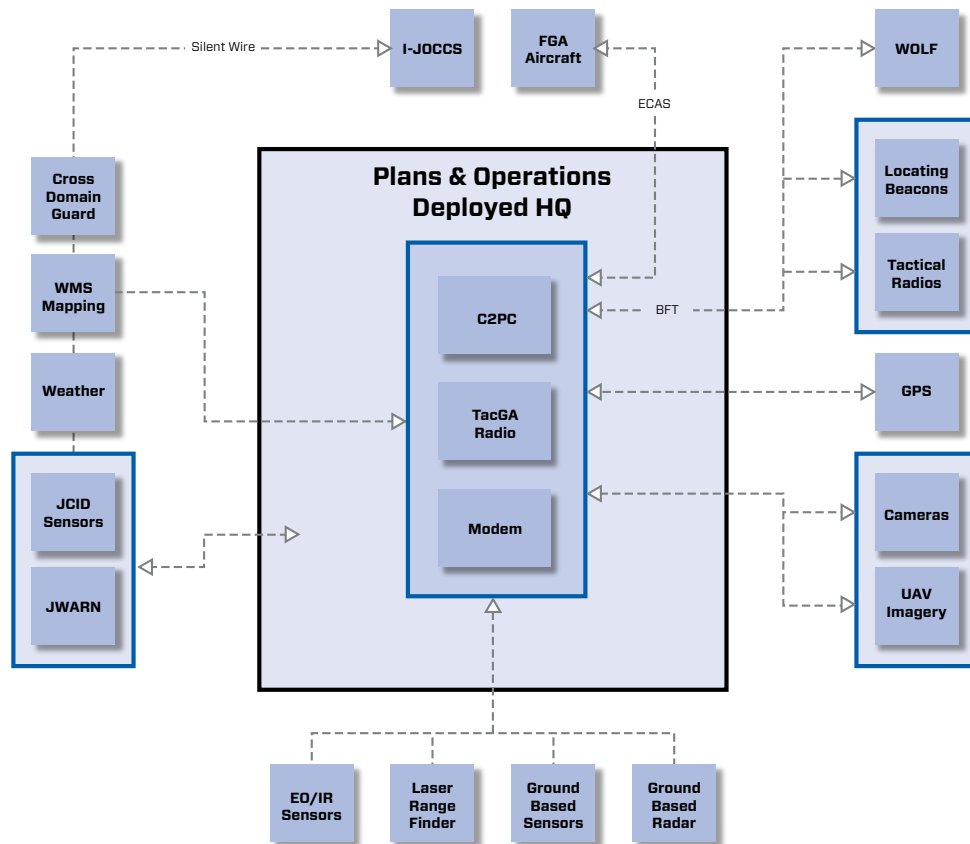
## Features

- Blue Force Tracking (BFT)
- Graphical display of tracks and units
- Supports the exchange of Orders, Reports, Overlays
- Web Map Services (WMS)
- Vehicle mounted or man-pack configurations available
- Secure low bandwidth communications
- Extensible and flexible architecture
- Intuitive Human Machine Interface (HMI)
- Provides an interface to a range of Ground Based Sensors (GBS)
- Systems of Systems Architecture (SOSA) developed in MODAF

## Benefits

- Provision of Battlespace Situational Awareness to mounted and dismounted forces
- Effective operation in difficult communications environments
- Simple configuration and User interaction
- A range of intelligence information on a single graphical display
- Unrivalled interoperability

## Systems view



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