

SnC[®]

STAR TRAX[™]



Enabling Combat-Proven, Multi-Networked Tactical Solutions

STAR TRAX[™] software is an operationally-proven and best-of-breed modular software suite that provides a joint integration architecture for the rapid integration of systems across multiple domains. *STAR TRAX* shortens sensor-to-shooter timelines from hours to minutes for faster command decisions via a unified battlespace.

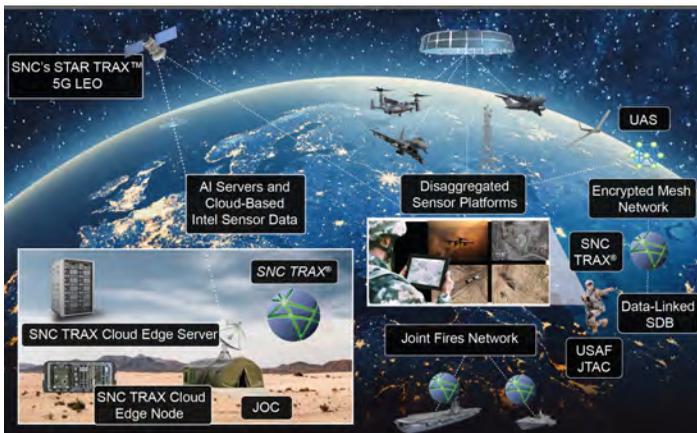
STAR TRAX™

Summary

STAR TRAX is a certified Command and Control (C2) gateway software application, designed to integrate disparate data sources to create an All-Domain Command and Control environment in support of Joint All-Domain Command and Control (JADC2) and Multi-Domain Operations (MDO).

STAR TRAX improves interoperability by seamlessly hosting, translating, and routing mission-critical tactical data information to and from disparate networks. Proven in combat in the "speed of need" since 2010 at the strategic, operational, and tactical levels, STAR TRAX has demonstrated its ability to rapidly integrate battlefields into a common operating environment allowing for command decision making, shortened kill chains, reduction in fratricide, machine-to-machine tasking, and sensor-to-shooter integration.

STAR TRAX currently provides a combined air, maritime and ground common operating system, leveraging MIL-STD and commercial open-based standards. The STAR TRAX user interface requires limited training to operate with no additional hardware needed to support. Our system has been proven in the hands of tactical operators in operations centers, ground vehicles, air and surface platforms worldwide.



Functions

Link-16 host for:

- MIL-STD 6016
- Most fielded Link-16 radios & terminals

Joint Range Extension Applications Protocol:

- MIL-STD 3011 - JREAP A - SATCOM & JREAP C - IP

Situational Awareness Data Link (SADL):

- MIL-STD 6016 - air-to-air & Gateway master/player

Variable Message Format (VMF):

- MIL-STD 6017 with DACAS fires message set

Cursor on Target:

- MITRE 2.0 enhanced messaging

Forwarding (Gateway):

- MIL-STD 6020 with message translation

Benefits

- **Cross-Platform:** Operates in the Cloud, Windows, Linux & Android
- **Operationally Proven:** Fielded across U.S. Special Operations Command, U.S. Joint Services, FVEY & mission partner nations for over a decade
- **Cloud-Native:** Leverages architecture compatible in AWS & Azure clouds
- **Improves Interoperability:** Bridges disparate networks, sensors & weapons
- **C2 Gateway:** Certified for bi-directional data exchanges & C2 functions
- **Open API:** RestFUL API enables simplified integration by outside parties
- **Hardware Control:** Two-way data integration, hosting & control of sensors, radars, weapons, & electronic warfare systems
- **Communication Matrix:** Routes/translates data from one data-link to another with single button selection



3076 Centreville Rd | Herndon, VA 20171 | Phone: (703) 870-7800 | Email: mst@sncorp.com | Website: sncorp.com

DATA CONTAINED WITHIN THIS DOCUMENT ARE SUBJECT TO CHANGE AT ANY TIME AT SNC'S DISCRETION | Sierra Nevada Corporation and SNC are trademarks of Sierra Nevada Corporation | ©2022 Sierra Nevada Corporation
Warning - Exports, sales, and offerings of the products and technology discussed herein are subject to U.S. Government approval.