snc®

SNC CERBERUS™

Next-Generation Mission Management Software

SNC CERBERUS is a multi-client, web-based user dashboard for visualization and plugin management with an open interface capable of supporting Joint All-Domain Command and Control (JADC2) requirements from a modern cloud-native framework. The tool leverages cloud authentication of *SNC TRAX*® software to provide a bi-directional data integration layer with the open mission network interface (OMNI) and government-off-the-shelf (GOTS) common data model to visually display and perform command and control across all domains. SNC CERBERUS delivers an open application programming interface (API) that supports the JADC2 requirements defined by the Joint Staff J6.

SNC CERBERUS™

USER INTERFACE

CAPABILITIES

Multi-client, Web-based
User interface built on both the Cesium & Web/NASA Worldwind platforms, with both 2D & 3D projections

OMNI message protocol
Communicating to SNC TRAX server & clients

Radar, Sensor, Radio, and Weapon Control
Multi-sensor cueing, slewing & hooking

Descriptive Video Service (DVS)/ Digital Video Recording (DVR)
Video recording, routing & streaming services

Video Player
Multi-window viewing of streaming services & mission video for later review, if needed

Chat Services
Any networked participants. Universal chat when coupled with the SNC TRAX thick client

Mission Workspace
Allows the user to quickly view & cue the map to targets

Additional plugins
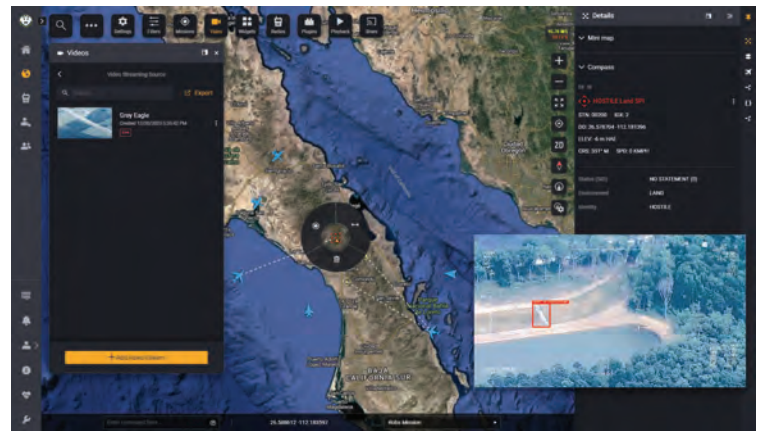Provide modular capabilities within the SNC CERBERUS User Interface

Radial Menu
for priority mission support actions in two to three mouse clicks
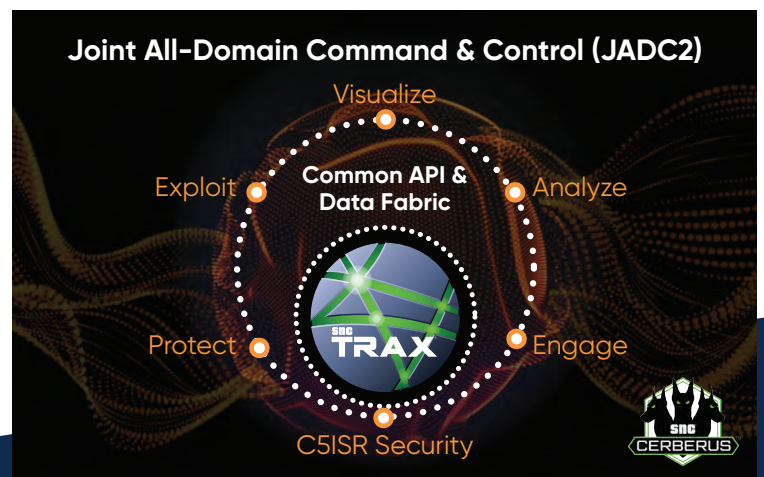
Video Source Menu
for choosing streaming services & file sources

CERBERUS CAPABILITIES

Joint All-Domain Command & Control (JADC2)

Visualize

Common API & Data Fabric

Exploit

Analyze

Protect

Engage

C5ISR Security

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