

The background of the entire page is a blue-tinted photograph of a person's hands typing on a laptop keyboard. Overlaid on this are several semi-transparent, glowing blue panels containing various icons: a checklist, a magnifying glass over a document, a folder, a document with lines, a padlock, and a data table. The overall aesthetic is high-tech and digital.

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.



CERBERUS™

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

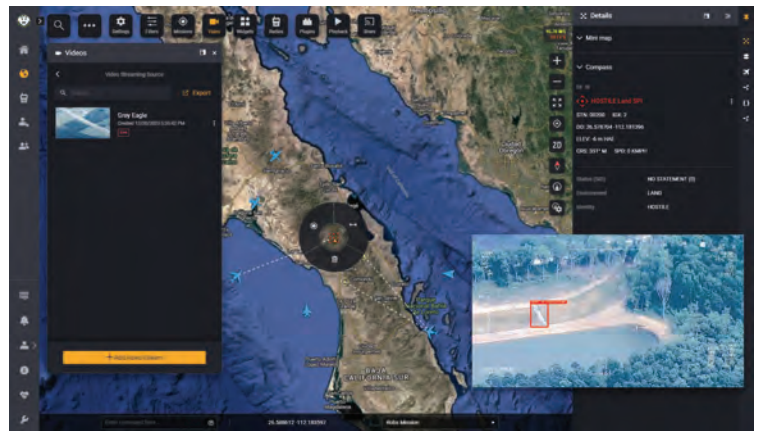
for priority mission support actions in two to three mouse clicks



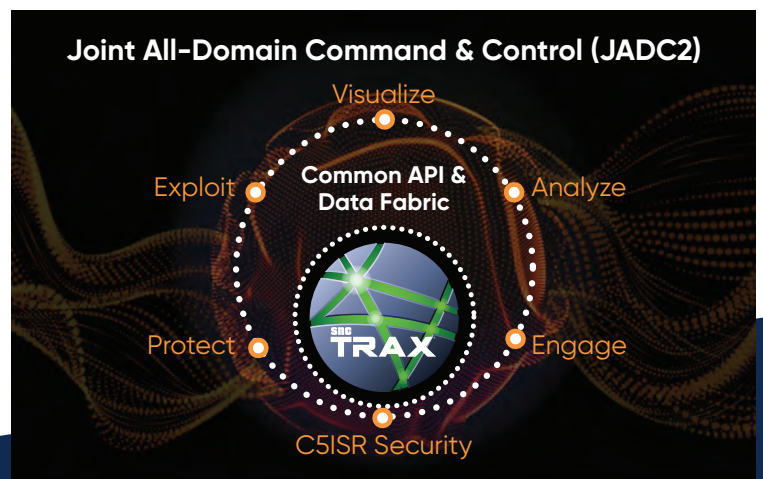
Video Source Menu

for choosing streaming services & file sources

USER INTERFACE



CERBERUS CAPABILITIES



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