



# snc<sup>®</sup>

# SNC CERBERUS<sup>®</sup>

## **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<sup>®</sup> 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

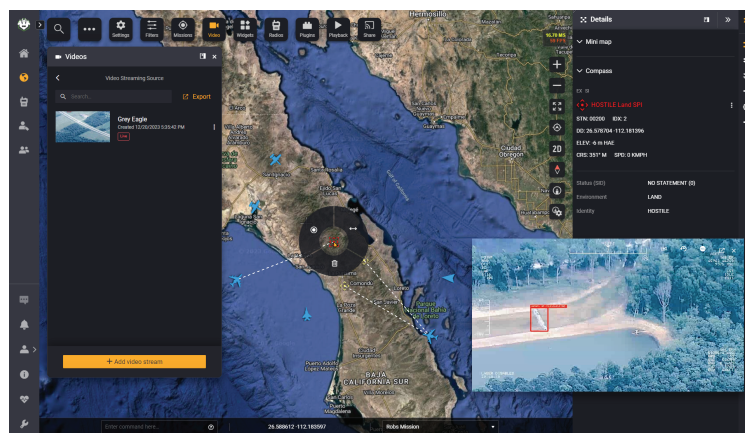
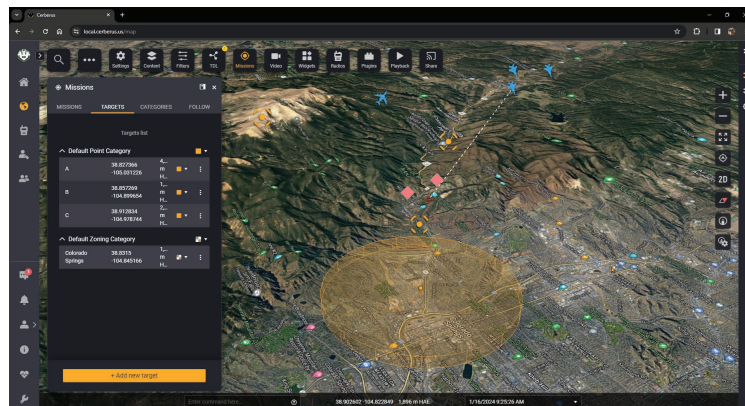
for priority mission support actions in two to three mouse clicks



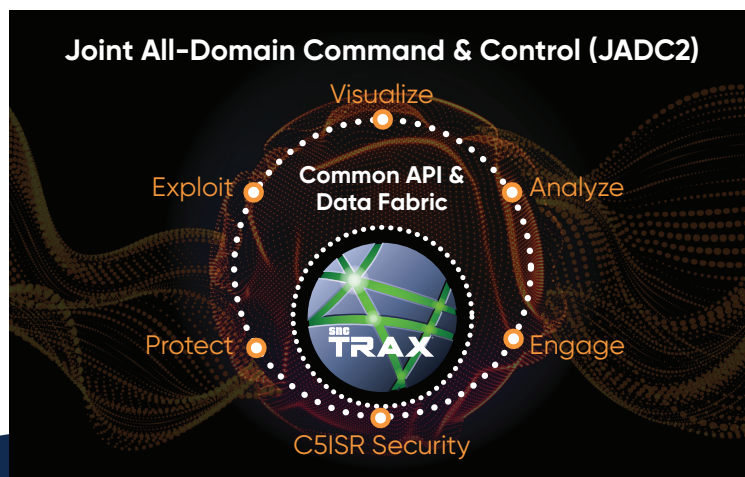
### Video Source Menu

for choosing streaming services & file sources

## USER INTERFACE



## CERBERUS CAPABILITIES



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