

# SNC<sup>®</sup>

# Digital Grid™

## **Reimagine the Battlespace**

SNC's Digital Grid™ is revolutionizing decision-making by delivering high-confidence, interoperable solutions through a suite of innovative platforms and applications.

SNC TRAX® software links battlefield communications through a common data integration layer. Our data-as-a-service solution leverages SNC's unique data and information warfare analytics. It is deployable to any platform and offers complete PED visualization through SNC's next-generation mission system, SNC Cerberus™.

# Digital Grid™

Reimagine the Battlespace



SNC uses a modular open systems approach (MOSA)-aligned architecture to decompose its capabilities into microservices threaded together to tailor solutions to mission requirements. Our common data fabric empowers informed decision-making and predictive analytics, providing the warfighter with an operational advantage. With the ability to make confident decisions and achieve information superiority, the Digital Grid gives a decisive edge to those in the field.

## CAPABILITIES

- Joint integration architecture for rapid integration across systems, weapons, and sensors across all domains
- Multi-domain operations solutions with two-way data integration hosting and control of all systems
- Visualize the battlefield, delivering the edge for information warfare with a common operation picture
- Optimizes the battlefield environment with the speed, complexity, and lethality for future conflicts
- Net-enabled system to exchange messages or commands in near real-time
- Integrated data repository to search and exploit RF signals
- Informed decision-making and predictive analytics with a common data integration layer for a decisive edge
- Tactical edge processing with ability to operate in AWS and Azure clouds and Windows/Linux/Android platforms across any network (4G/5G/ect.)

**Vindlér™ satellite** constellation designed to detect and geo-locate specific objects from low-Earth orbit (LEO) based on targeted radio frequency (RF) emissions such as VHF, UHF, and L-Band

**Most advanced commercially available information (CAI) data** collection and analytical environment on the market

**125+** SNC TRAX-enabled data collection capabilities

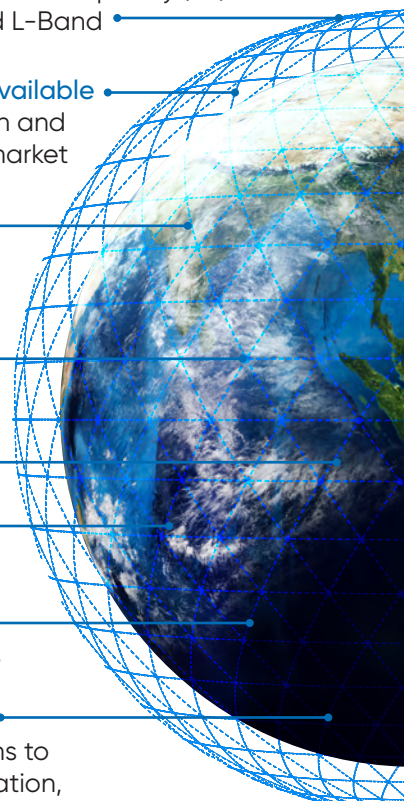
**1 of 2** certified C2 platforms

**Operational TRL 9 technologies**

Accelerates kill chain from **hours to minutes**

**Expedites and ensures data connectivity** between platforms

**Open architecture**, enabled on any device, allowing all platforms to communicate and share information, configurable to mission needs



SNC's Digital Grid integrates platforms and weapons to enable a secure, integrated web of relevant information, gaining a decisive edge through information superiority. It allows any net-enabled system to exchange information effortlessly. The process starts with collecting data from sensors and assets worldwide. The data is processed in real-time using AI to digitize the battlefield and help warfighters make effective decisions. This solution includes centralized multi-domain data, visualization, and a connected battlefield, accelerating the attack timeline.



Connects battlefield communications with common data fabric



Leverages information warfare analytics, deployable to any platform



Builds SNC's unique payload, filling in mission intelligence gaps



**CERBERUS™**

Next-generation mission system



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