

SNC[®]

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™*.

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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.



SNC TRAX
Tactical Radio Application Extension

Connects battlefield communications with common data fabric



EDITH

Leverages information warfare analytics, deployable to any platform



Vindlér™

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



SNC CERBERUS™

Next-generation mission system



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