snc®

Ground Platform Integration

Ground Platform Mission Package Solutions

SNC provides platform-tailored designs and mission package solutions integration, enabling multi-domain C5ISR, electromagnetic spectrum, sensor fusion, automation and robotic control capabilities. We leverage decades of experience in these systems to deliver a wide array of technology capable of integrating with existing battle command systems and next-generation modular open system architectures.

Ground Platform Integration

NETWORKED SENSOR, WEAPON & COMMUNICATION MISSION COMMAND SYSTEM VIA SNC TRAX® SOFTWARE

- Most widely fielded Tactical Data Link (TDL) software within DOD
- SNC TRAX enables true machine-to-machine tasking enhancing networked lethality & integrated AI/ML across a network of connected platforms, users & devices
- Open RESTful API provides capability to host & control platform sensors & weapon systems through a single U/I
- Modular architecture allows for digital interoperability of existing & future hardware, networks & message standards (Military/Commercial)

MOUNTED & DISMOUNTED ROBOTIC CONTROL, MUM–T & AUTOMATION

- The Unified Ground Control Station (UGCS) provides mature, standards-based unmanned common control across robotic platforms
- Implements scalable, effective user interfaces for air, ground vehicle & dismounted applications
- Open interfaces that support multiple tactical configurations for tethered & untethered operations & integration with Nett Warrior & other product ecosystems

ELECTROMAGNETIC SPECTRUM CAPABILITIES

- Compatible with EWPMT, RAPTOR-X, WINTAK & A-TAK
- Scalable CMOSS mounted form factor design supports tactical communications, PNT & CEMA signal capabilities
- Operationally proven EW techniques to address current & future threat environments
- Modular design facilitates transition from platform to dismounted maneuver capability

SENSOR FUSION - 360 SA

- Leverages mature real-time sensor fusion solutions supporting a 2D/3D world model shared across platforms & dismounted SA displays
- Expedites integration & fielding of Government & third-party vendor solutions
- Open architecture supports scalability & inclusion of sensor enhancements & vision processing upgrades as technology evolves

MODULAR OPEN SYSTEMS APPROACH (MOSA) CAPABILITIES

- Engineering design, integration & manufacturing expertise to achieve Sensor Open System Architecture (SOSA), C5ISR/EW Modular Open Suite of Standards (CMOSS) & vehicle platform standards of Vehicular Integration for C4ISR/EW Interoperability (VICTORY) & Standardized A-Kit Vehicle Envelope (SAVE) compliant solutions
- Continuous investment for improved multi-function capability in chassis with A-Kit, digitizer receivers, varied apertures, aggregator with crypto networking, direction finding & expanded SW applications

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