# snc®

# NEXDOM®

## Enabling Combat-Proven, Multi-Networked Tactical Solutions

SNC's *NEXDOM* software is an integrated air/ground tool that allows operators to route data between incompatible hardware and software applications. Our product implements coded waveforms for bi-directional translation, providing digital interoperability across the battle space.

# NEXDOM
## NETWORK EXPLOITATION DOMAIN SOFTWARE

SNC's *NEXDOM* software was developed to support Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance and Reconnaissance (C5ISR) missions at the strategic, operational and tactical levels. NEXDOM provides a combined air-maritime-ground common operating system, leveraging MIL-STD and commercial open-based standards. Designed for the non-traditional Tactical Data Link (TDL) user, our product allows for the ease-of-use required at the tactical edge, but is powerful enough to provide the full Command and Control (C2) capabilities of a command center. The NEXDOM user interface requires limited training to operate with no additional hardware needed to support. Our system has been proven in the hands of tactical operators in operations centers, ground vehicles, air and surface platforms worldwide.

## BENEFITS

- Cross Platform Application – Windows, Android, Linux, etc.
- Backwards compatible with legacy systems
- Open architecture API/ICD eliminates proprietary interfaces/ protocols; allows for rapid integration & development
- Built-In Communication Matrix routes/ translates data from one data-link to another with single button selection
- Intuitive configuration & minimal setup
- Auto-Start available for all connections after configuration
- All functions & capabilities created by & for tactical users (Sensor Operators, Ground Forces, Operations Centers, etc.)

## FUNCTIONS

### Link-16 Host
- MIL-STD 6016F Ch1
- MIDS LVT 1,2 Variances – Platform A, D, I, J
- MIDS JTRS – Platform A
- Small Tactical Terminal
- TacNet
- BATS-D

### Joint Range Extension Applications Protocol
- MIL-STD 3011
- JREAP A – SATCOM & JREAP C - IP

### Situational Awareness Data Link (SADL)
- MIL-STD 6016F Ch1
- Air-to-Air
- Gateway Master/Player

### Variable Message Format (VMF)
- MIL-STD 6017 A, B, C, D, D Ch1
- Limited 6017 A+
- DACAS Message Set

### Keyhole Markup Language (KML)
- Google Earth

### Key-Length-Value (KLV)
- Meta-Data Extraction

### Cursor on Target
- MITRE 2.0 Enhanced Messaging
- Silvus
- MPU 4/5
- TW400, 850, 950

### Forwarding (Gateway)
- MIL-STD 6020
- Message Translator

### Additional
- Video Trans-coding (H.264, H.265, VP9)
- Dynamic Adaptive Streaming over HTTP (MPEG-DASH)
- Harris Situational Awareness (SA)
- Open Mission Network Interface (OMNI), Common Data
- Object Model
- Open Application Platform Interface (API)
- Common Information Database
- Radar Control
- Sensor Control

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