

SnC[®]

Common Open Backplane Reconfigurable Architecture



Software-defined, hardware-enabled, open ecosystem for SIGINT/EW and C4ISR applications.

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Designed for the Future – with Today's Technology

- Enable future growth and cross-decking without vendor lock through open third-party integration features and modular Government-owned interfaces
- Scale up or down by adding or removing standardized COTS cards, not replacing or adding entire subsystems
- Improve as COTS technology improves, while avoiding customized hardware obsolescence
- Enable ABMS/JADC2 integration with cloud compatibility and edge processing power
- Drive autonomy by enabling AI/ML at the tactical edge

Scalable to Diverse Platforms and CONOPS – Adaptable to Multiple Environments

- ELINT, COMINT, Special Signal Processing
- Electronic Support and Electronic Attack
- Assured Positioning, Navigation, and Timing
- Open General-Purpose Processing
- Small, Medium, Large Platforms, Manned/Unmanned
- Hostile or Conditioned Environments
- Air, Ground, Maritime, and Space Domains

Applies Existing and Emerging Standards

- OMS – Open Mission Systems
- OpenVPX
- SOSA – Sensor Open Systems Architecture
- VICTORY – Vehicular Integration for C4ISR/EW Interoperability
- MORA – Modular Open RF Architecture

