

# SNC<sup>®</sup>

# RAPCON-X<sup>®</sup>



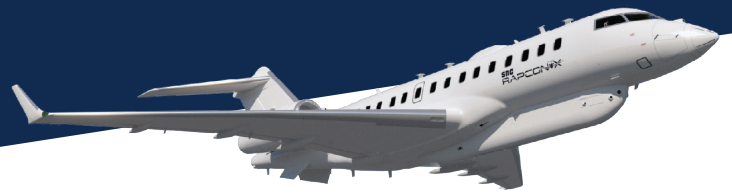
## ***RAPCON-X, The Future of A-ISR***

At SNC, innovation and strategic problem solving never stops. SNC has a 60-year legacy of delivering hardware and software solutions to the U.S. Department of Defense and international customers to solve difficult challenges. We have demonstrated the ability to deliver turnkey government-owned, contractor-operated/contractor-owned, contractor-operated (GOCO/COCO), services that include aircraft, flight operations, maintenance operations and logistics support.

SNC's RAPCON-X is our newest airborne intelligence, surveillance and reconnaissance (A-ISR) capability. Built with a current production commercial derivative aircraft (CDA), RAPCON-X offers high reliability, superior range, endurance and an operational envelope that enhances survivability and the ability to operate in peer-to-peer and near-peer environments.

# SNC RAPCON-X<sup>®</sup>

The Future of A-ISR



## RAPCON-X, DEFINING RAPID CONFIGURABILITY

Designed for the future, today. RAPCON-X is born digital using model-based system engineering (MBSE). Digital modeling significantly reduces the time required to integrate new systems as they are developed and become available. RAPCON-X comes ready with advanced SIGINT capability. Designed for worldwide operations, RAPCON-X is engineered ready for ASE installation. The open architecture mission equipment package (MEP) and easily configured mission fairing allow for rapid mission modification without aircraft redesign. This design approach eliminates OEM and vendor lock, allowing for best-of-breed mission equipment. SNC's forward-looking design process and engineering techniques position the RAPCON-X as one of the most capable and rapidly configurable A-ISR platforms.

## SPECIFICATIONS

<b>&gt;45,000 ft</b> Operating Mission Altitude	<b>&gt;14 Hours</b> Mission Endurance Time	<b>&gt;6,000 NM</b> Ferry Range
<b>6,500 ft</b> MGW T/O Distance	<b>2,300 ft</b> Landing Distance	<b>&gt;35/35 MBS</b> High Bandwidth BLOS, Advanced SIGINT RADAR

### GATM/NextGen 2020

Fully Modernized Avionics

## FUTURE READY, TODAY

The RAPCON-X's large body design provides the space and available excess electrical power that easily accommodates today's mission equipment, while providing room for substantial growth for tomorrow's future mission requirements.

**Higher Altitude, Longer  
Endurance, Faster Response**

## RAPCON-X KEY BENEFITS

- High-altitude, long-range jet aircraft offering deep sensing radar performance with proven cooling system and multiple modes for all target types
- Optimized aircraft configuration for 14+ hours of mission flight at 45,000 feet
- Mature airworthiness pedigree through completed aerodynamic flight testing with flexible FAA STC certification planned for the RAPCON-X configuration
- Operational support includes maintenance and spares directly from the aircraft and engine OEMs



## SCALABLE SOLUTION

- True open architecture - 3U VPX chassis
- On-board / off-board mission processing
- High bandwidth phased array BLOS
- Adaptable mission fairing design
- Reconfigurable mission floor plan
- Self-contained mission capability



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