



ARINC RADIO TECHNOLOGY SOLUTIONS

EFFECTIVE, RELIABLE AND PROVEN

Critical communications integration and management services

Seamless communication operations require effective, reliable and integrated radio communication services. Collins ARINC Radio Technology Solutions (RTS), an industry leader with over 50 years of experience, provides proven systems and services you can trust.

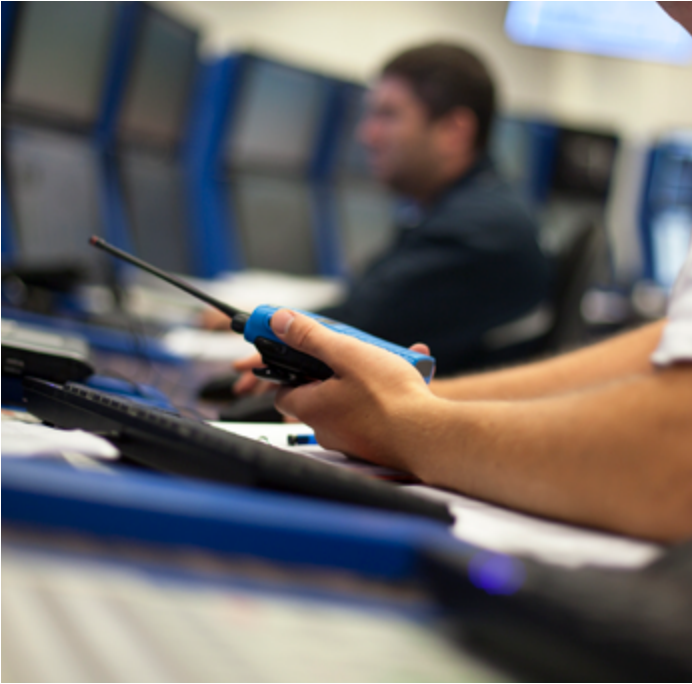
We offer radio communication system design, engineering, integration, deployment, operation, monitoring and maintenance services. Whether calls are made over landline phone, VoIP, cellular network, WiFi or radio network, we have the expertise to integrate and manage your system. RTS works with several different agnostic products and providers to find the best solution for our customers.

Collins RTS integrates and manages systems for various size operations, from small fixed-base communications to major communication hubs. We offer air-to-ground and ground radio communications as well as radio dispatch console solutions. Airports, public transportation, utilities, public safety and military are examples of industries that can benefit from our proven set of technical capabilities and extensive experience.

Pilots, crew members, vehicle fleets, base operations, emergency personnel and other business operators rely on Collins RTS for proven and trusted integrated and managed radio communication solutions.

KEY FEATURES AND BENEFITS

- Over 50 years experience in radio communications
- Level 1 on-site support
- Nationwide service centers across Canada and the United States
- FCC Certification to install and maintain air-ground VHF radios
- Full turn-key deployments: RF design, installation, commissioning and acceptance testing
- Managed services capabilities provide clients flexible purchase models: Own, rent or lease



TECHNOLOGIES

- Project 25 radios (P25)
- Terrestrial trunked radios (TETRA)
- Digital mobile radios (DMR)
- Private LTE broadband networks
- Mission critical PTT application

SERVICES

Air-to-ground radio service (AGRS)

- VHF air-ground-air radio service for voice communications between airport ground base operations and flight crew
- In-range communication when aircraft is about 200 miles or closer to an airport
- Coordinate ramp services between the aircraft and the ground operations dispatcher
- Supports operations from small fixed-base to major hub operations

Ground radio services

- Digital trunked radio service provides users with push-to-talk voice communications with ground operations
- Group calls, private calls or text messages to radio units
- GPS and indoor location services
- Emergency communications such as alarm, man-down and lone worker
- Shared network infrastructure

Operation and control centers

- Dispatch consoles, located within main operation centers, integrate assets to provide an IP-based interoperable environment
 - Integrate ground operations and air voice traffic
 - Integrate in to PBX system for telephony
 - Integrate with third-party communication networks (i.e. public safety)
- Remote positions are throughout the facility at possible maintenance or disaster recovery sites

Professional services

- 24/7 Customer support and response
- RF coverage enhancements
- Depot-level repair and vendor depot interface
- Equipment configuration management
- Asset and spares management
- Engineering and system design



Collins Aerospace

866.633.6882 | +1.410.266.4000

IMS-RTSsales@collins.com

collinsaerospace.com