

RF / LMR / IT Systems Technician

Communications International (Ci)

Do you enjoy solving complex RF and network problems for the communications systems that first responders and critical industries rely on every day? Would you like hands-on work with everything from legacy analog radio to advanced P25 digital systems, microwave, and IT networks, with a company vehicle, a bonus opportunity, and a strong benefits package?

Ci is looking for an RF LMR Systems Technician to maintain, troubleshoot, and optimize mission-critical communications systems. You'll work across RF, microwave, and IT infrastructure, support customers in the field, and take part in an on-call rotation that keeps these systems running around the clock.

About the Role

The Systems Technician provides technical support for specialized communications systems and applications. You'll perform preventive maintenance, carry out advanced troubleshooting on software-driven electronics, provision infrastructure, and optimize the performance of systems that include:

- Legacy analog radio systems
- Advanced digital P25 systems
- IT systems running VMware and Cisco networking
- IP networks

This is a field role. You'll drive daily to customer sites, some of them remote, and work closely with engineers, project managers, and customer representatives.

What You'll Do

- Install, commission, maintain, and repair LMR radio systems and related infrastructure.
- Perform preventive and corrective maintenance, with a focus on trend analysis and thorough documentation of results.
- Troubleshoot RF, microwave, dispatch, network, and IT equipment.
- Install radio site equipment, including racks, grounding, coaxial cable, GPS antennas, and site alarms.
- Build and test coaxial jumpers, and perform cable sweeps, antenna radiated power readings, and channel alignments.
- Collect and report network data such as connectivity, uptime, and IP traffic analysis (Wireshark).
- Support commissioning, optimization, and acceptance of new sites.
- Replace failed equipment and verify its operation. Coordinate depot repairs, equipment tracking, and inventory records.
- Keep accurate service documentation and work records.
- Participate in the on-call rotation (see below).

REQUIREMENTS & SKILLS

- 3+ years of experience in LMR/RF systems or IT systems.
- A 2-year degree in electronics is preferred but not required. 3–8 years of relevant work experience will be accepted in place of a degree.
- An FCC General Radiotelephone Operator License (GROL), or the ability to obtain one within 180 days of hire.

- Knowledge of RF systems (transmitters, receivers, microwave, antenna networks), or knowledge of IT systems (Microsoft Server, Active Directory, VMware, Red Hat Linux, Cisco, TCP/IP).
- Proficiency with test equipment, including communications monitors, T1 test sets, antenna analyzers, IP network analyzers, and a laptop with SSH, FTP, Telnet, and Cisco/Linux command line.
- The ability to read wiring diagrams, schematics, and technical documentation.
- Strong written and verbal communication skills, and the ability to work independently.

Nice to Have

- P25 radio systems
- VHF and 700/800 MHz systems
- Dispatch console systems
- RF site implementation and commissioning
- Anritsu Site Master, Viavi service monitors, or similar test equipment
- Grounding and shelter installation
- Experience with public safety, utility, transportation, or government communications systems

Physical REQUIREMENTS, Travel & Driving

- Must be able to lift a minimum of 70 lbs on a regular basis.
- Must be able to climb ladders, work in equipment shelters, and work outdoors in all weather.
- Must be able to travel about 25% of the time, including overnight stays.
- Must hold a valid U.S. driver's license, pass a U.S. driving test, and drive daily to customer sites, including remote locations and at night.

On-Call Schedule

Systems Technicians rotate on call every 2–3 weeks. During your on-call week, you'll respond to service calls at any hour. On-call pay and overtime are provided.

Compensation & Benefits

- Competitive salary and annual bonus opportunity
- Company-paid health insurance, plus vision coverage
- Company-paid life insurance
- 401(k) with employer match
- Short- and long-term disability
- Paid holidays and paid time off (PTO)
- Tuition reimbursement program
- A company vehicle once you're cleared for on-call work, with insurance, maintenance, and gas card covered

Pre-Employment Requirements

All candidates must pass a pre-employment background check, motor vehicle record (MVR) review, and drug screen. *Other duties as assigned.*