

CUBIC®

vocality

5 INDUSTRIES THAT BENEFIT FROM RADIO OVER IP (RoIP)



PUBLIC SAFETY & EMERGENCY SERVICES

Police departments and fire services use RoIP to connect dispatch centers with field units across wide geographic areas, even during natural disasters.

How They Use RoIP:

- Integrates legacy radio systems with IP-based networks
- Enables seamless communication between agencies (police, fire, EMS)
- Supports vehicle upfitting and multi-agency events

Benefits of RoIP

- Improved interoperability across jurisdictions
- Reduced infrastructure costs
- Enhanced reliability during emergencies





EDUCATION & CAMPUS SAFETY

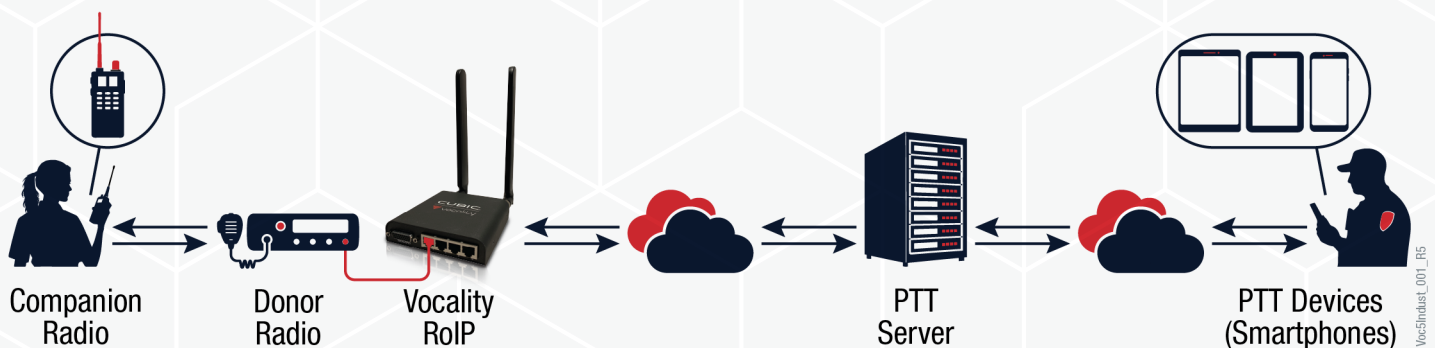
Universities and school districts use RoIP to unify communication between campus security, administration, and local emergency responders using a mix of traditional radios and Push-to-Talk over Cellular devices and apps.

How They Use RoIP:

- Integrates with PTTtoC apps and devices to keep campus staff, security, bus drivers, and emergency responders connected
- Connects multiple campuses and buildings through a centralized IP network
- Enables secure, real-time communication during lockdowns or emergencies

Benefits of RoIP

- Enhanced campus safety and emergency response
- Cost-effective integration with existing infrastructure
- Scalable for multi-campus districts or large universities





UTILITIES & ENERGY

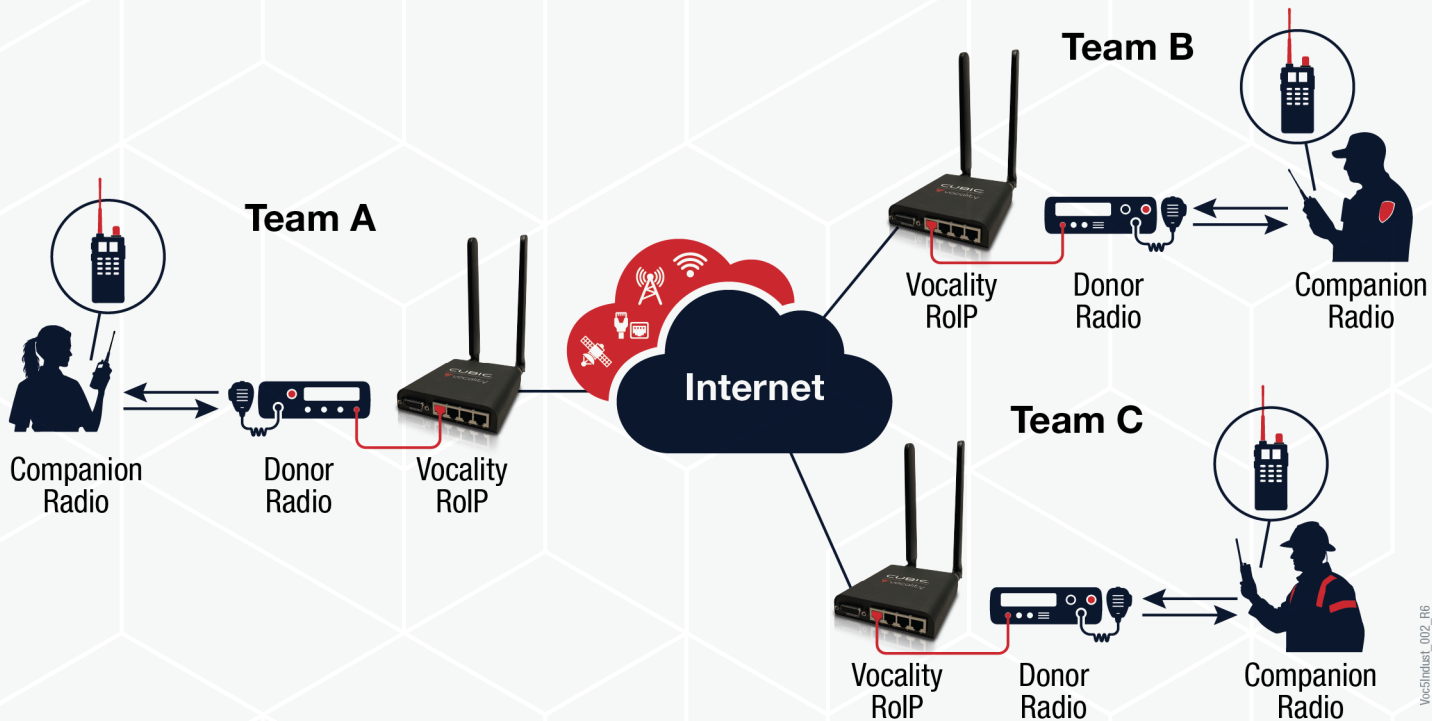
Electric and gas companies use RoIP to coordinate field crews during outages and maintenance operations and keep locations connected.

How They Use RoIP:

- Links control centers with field teams over secure IP networks
- Connect teams using different radio systems regardless of radio type or frequency
- Enables facilities and teams to stay connected locally and over distance

Benefits of RoIP

- Faster response to outages
- Secure, encrypted communication
- Scalable for large operations



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RETAIL & HOSPITALITY

In large hotels and retail environments, front-of-house staff use Push-to-Talk over Cellular (PTToC) apps and SIP desk phones, while back-of-house operations and security teams rely on traditional radios. RoIP bridges the gap for seamless, real-time communication.

How They Use RoIP:

- RoIP gateways connect LMR radios (used by security, maintenance, and logistics) with PTToC apps and SIP phones (used by reception, concierge, and customer service)
- Front desk staff can use smartphones or VoIP phones to instantly reach radio-equipped teams without needing a radio themselves
- Security using traditional radios can reach Customer Service using PTToC devices and apps on smartphones

Benefits of RoIP

- Unified communication across devices and roles
- No need to replace existing radio infrastructure
- Faster response to guest needs and incidents
- Scalable for multi-property or multi-store operations
- Enhances guest satisfaction through seamless coordination





OIL & GAS

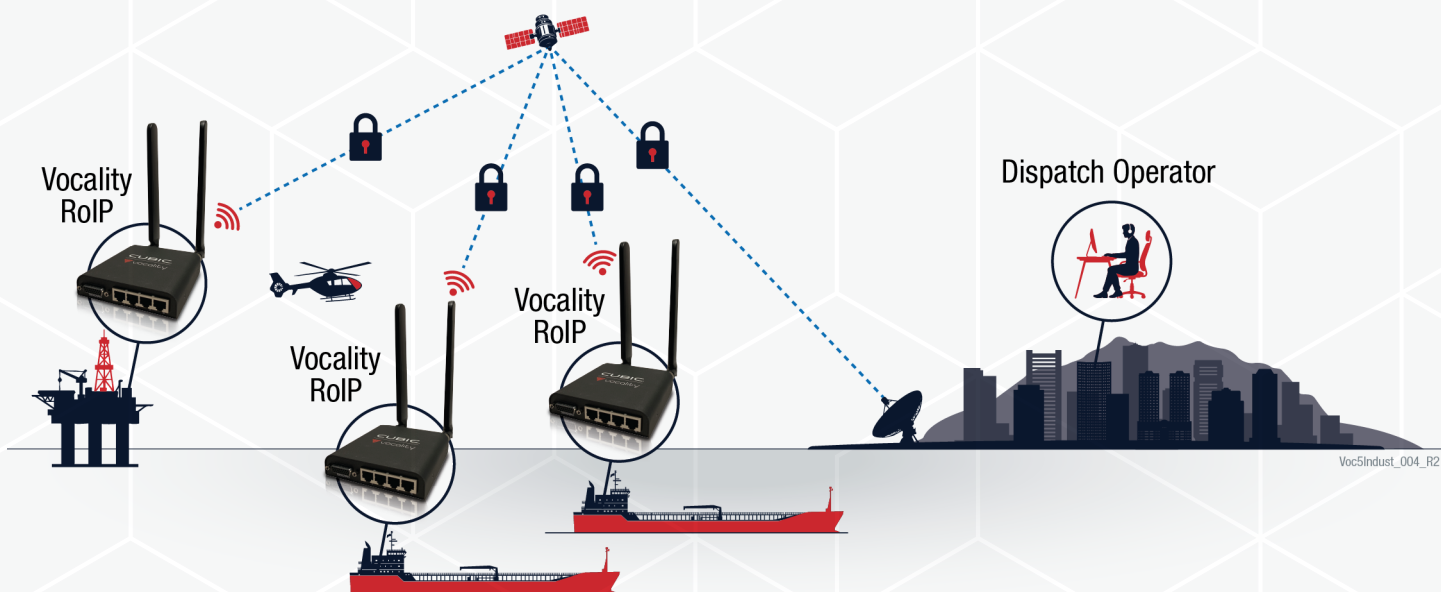
Offshore drilling platforms use RoIP to maintain constant communication between rigs, support vessels, and onshore control centers—even in remote ocean environments.

How They Use RoIP:

- Connects isolated rigs to mainland operations via satellite IP networks
- Connect multiple teams using different radio types
- Enables secure voice communication between crew, engineers, and emergency teams

Benefits of RoIP

- Reliable communication in remote, harsh environments
- Seamless integration with digital monitoring systems
- Enhanced safety and coordination during critical operations



* Vocality RoIP connects via a satellite uplink connection

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Vocality RoIP Gateway



Vocality Rugged Operations Kit

Cubic | Vocality
21580 Beaumeade Circle, Suite 230
Ashburn VA 20147
United States
t: +1 858-505-2445
e: vocality.sales@cubic.com

www.cubic.com/vocality

T. PHOTO CREDITS: SGT. MICHAEL J. MACLEOD, 1ST BRIGADE COMBAT TEAM, 82ND, JOSEPH EDDINS, STAFF SGT. JOEL PFIESTER, TECH. SGT. EMILY MOON, ARMY SGT. LASHIC PATTERSON, CAPT. SCOTT KUHN, PETTY OFFICER 1ST CLASS CARLOS GOMEZ, MASS COMMUNICATION SPECIALIST SEAMAN KELSEY L. ADAMS, SGT. BRANDEN BOURQUE, MASS COMMUNICATION SPECIALIST 1ST CLASS DANIEL BARKER, CPL. SCOTT JENKINS, LANCE CPL. REINE WHITAKER, SGT. DUSTIN D. BIVEN-75TH FIELD ARTILLERY BRIGADE, LANCE CPL. KALEB MARTIN, U.S. ARMY ACQUISITION SUPPORT CENTER, SGT. BRANDEN BOURQUE, U.S. ARMY, U.S. MARINES, U.S. AIRFORCE, U.S. NAVY, AND U.S. SPECIAL FORCES.

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