

WIRELESS INFRASTRUCTURE SERVICES



EXPERT RF DESIGN, INSTALLATION AND INTEGRATION SERVICES



WIRELESS INFRASTRUCTURE SERVICES



Wireless Infrastructure Services provides consulting and contracted services to clients in the broadcast, microwave, wireless, and public safety industries. Clients large and small trust us to meet the unique requirements of their individual systems.

From top-level strategy to the smallest site detail, we work like a partner with our clients – not just as an integrator or contractor.



WIS has built our reputation one partnership at a time. In fact, our best source of referrals comes from our partners.

We provide expert services in

- Site development
- Project management
- System engineering and design
- System installation and integration
- Troubleshooting and maintenance
- Emergency services

WWW.WIRELESSINFRASTRUCTURESERVICES.COM



SAFETY

is our #1 priority at Wireless Infrastructure

Services. We have developed and adhere to practices and procedures that allow us to meet client expectations, project deadlines, and budget requirements, without ever compromising safety.

We go the extra mile to meet, and strive to exceed, OSHA requirements and standards. WIS is also proud to be a member of the National Association of Tower Erectors (NATE). NATE has developed safety guidelines for the tower industry, and our safety programs mirror NATE's programs, ensuring that we meet industry standards.



- All new employees are required to complete WIS safety training. This includes each employee receiving training and certification in climbing, rescue, CPR, first aid, and RF safety during their first year of employment.
- We have an in house certified Comtrain Instructor that certifies all new employees in Comtrain's "Tower Climbing Safety & Rescue" program.
- Our Safety Manager is certified through Radiofrequency Safety International Corporation (RSI) as an RF Train-the-Trainer. He is OSHA certified as well. He handles all RF safety training and ensures that all employees receive CPR and first aid training through the Red Cross.
- Our management team routinely conducts random safety inspections to ensure 100% compliance with our practices and procedures.
- All team members are required to wear OSHA approved PPE and task-appropriate clothing, fall protection when climbing, and always (always) to work in teams.
- We conduct regular safety meetings, not just at project kick-off, but also daily at each site, to cover key safety issues and identify potential site hazards, and weekly for an all-team meeting to cover a variety of safety topics, to review any recent industry safety trends, to discuss any issues that arise from random site safety inspections conducted by our Safety Manager, and to discuss accidents and near misses that may have occurred on any job site.



MICROWAVE SERVICES

Wireless Infrastructure Services provides a wide range of microwave services to broadcasters, public safety organizations, wireless carriers, LECs and private business.

Our expert in house technicians are experienced with ALL major microwave radio manufacturers' equipment.

Our in house tower personnel are experienced and trained in the latest assembly, rigging, and system installation procedures and have deployed well over 120 active microwave paths in the last three years alone!

DESCRIPTION OF SERVICES

- Project management
- LOS surveys, donor searches and site selection
- System design, engineering, coordination and licensing
- Antenna system installation and testing
- Radio system installation, testing and integration
- Factory, bench, field testing and acceptance
- Complete system rental and leasing
- System upgrades
- Emergency support, troubleshooting and maintenance

Whether you need an emergency temporary microwave hop downtown or need design services for your new critical backbone through a remote region, WIS is here for you!



BROADCAST SERVICES

Wireless Infrastructure Services employs talented personnel who possess extensive experience with broadcast system design, installation and integration.

WIS consistently provides complete solutions for TV, FM, AM, microwave, ENG, control and camera systems.

Our expert services include:

- Project management
- Antenna system installation and testing
- Transmission line installation and testing
- Tower erection, modifications and upgrades
- Antenna mount design, fabrication and installation
- Microwave system design, installation and integration
- ENG, camera, and control system design, installation and integration
- Transmitter installation and testing
- Power system, heat exchange and generator system installation
- Building construction, modifications and shelter installation
- Transmission line support system design, fabrication and installation
- Ice shield, weather-protection system design, fabrication and installation
- Sweep testing and tuning
- Ground system design, installation and testing
- Satellite system design, installation and integration
- Emergency services, troubleshooting and maintenance



When reviewing your network and system needs, consider WIS to be your complete partner.



2GHZ RELOCATION SERVICES

Ready to relocate your 2 GHz system? Wireless Infrastructure Services is here to walk you through it, one step at a time.

From initial system design to post-integration upgrades and maintenance, WIS is there for you. We have a proven track record having already successfully relocated top rated broadcasters in top rated markets.

Here are some of the key support services WIS provides:

- Project management
- Interfacing with Sprint Nextel BAS team and manufacturers
- Scheduling, material handling and bench testing
- Antenna upgrades/change outs, modifications and testing
- Antenna mount design, fabrication and installation
- Truck upgrades, Nycoil replacement, testing and integration
- Central receive and fixed link radio equipment installation, testing and integration
- Remote and master control system installation, testing and integration
- Camera system installation, testing and integration
- System decommissioning and deposition
- Software upgrades, troubleshooting and modifications
- Project documentation, field training and post installation system review
- Customer service, technical support and long-term maintenance services
- Emergency response



Don't leave your BAS relocation project to a company that is overcommitted, inexperienced or difficult to work with. We know it takes an entire team of expert professionals, dedicated to your project, to make your system the "breaking story"!



SITE DEVELOPMENT

Wireless Infrastructure Services consistently excels and exceeds client expectations on our site development services. From a simple generator installation to a remote multi-tenant communications facility, WIS has the capacity and experience to deliver.

Our specialty has become the “difficult” project: the projects that need special attention to detail, require working with sensitive owners or in sensitive areas, or remote sites with myriad logistical challenges. Simply stated, we partner with our clients and they can expect commitment, professionalism, and expert management throughout the project.

Example of site development services:

- Project management
- Site selection, A&E, structural and design services
- Zoning, environmental, FCC, building coordination and permitting services
- Equipment selection and procurement
- Civil construction services
- Tower/structure design and erection
- Site modifications, expansions and upgrades
- Tower mapping, analysis and upgrades
- Power, generator, Telco/fiber/microwave design and installation
- Build to suit, site management and maintenance



If you have a sensitive, remote, or management intensive project, are already overburdened and understaffed, WIS is the perfect partner for you!



WIRELESS INFRASTRUCTURE SERVICES

(951) 371-4900 Office
(877) 538-2663 Toll Free
(951) 371-4950 Fax

info@microwavespecialists.com

Corporate Offices
1325 Pico Street, #106
Corona, CA 92881

For 2 GHz relocation quotes, please email your scrubbed inventory to 2ghz@wirelessinfrastructureservices.com

Please visit our website at
www.wirelessinfrastructureservices.com

All images used in this brochure are actual WIS projects.



At the end of every day, WIS strives to get our employees home to their families safely, and our partners can trust in WIS to have their network working today, and tomorrow.

