



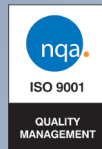
Tower & Construction Solutions

About Commdex:

CommDEX is an ISO-9001 and TL 9000 certified mission-critical communications system integrator with 20+ years of experience working on government systems in all 50 states. CommDEX is a company that is intimately familiar with the complexities of modern, leading-edge communication systems and how these systems can meet the needs of mission critical users. We possess in-house capabilities from needs analysis to system and design, system integration, implementation, and maintenance support paired with our certified quality processes. From our experienced staff with expertise to our disciplined processes, we bring a total solution to meet your needs.

Infrastructure Expertise

- Fixed towers (self supported, monopoles, and guyed)
- Rooftop Installations
- Equipment Enclosures
- Generator/UPS Power Systems
- Surge Suppression systems
- Grounding Systems
- Alternative energy applications (Solar, wind, fuel cells)
- Transportable Site on Wheels
- Fiber network
- Command Centers



Site Acquisition

- Site Qualification/ Selection
- Site acquisition/leasing
- Title coordination
- Easement and access coordination
- Zoning applications
- FAA applications
- FCC registration
- Utility coordination
- Construction permits
- Drivers
- Environmental permits (NEPA)



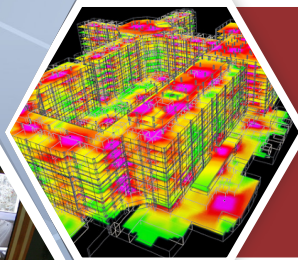
Engineering Design

- Architectural and Engineering Design
- Site Survey/ Constructability analysis
- Geotechnical studies
- Grounding and surge protection
- Electrical and backup power
- Value engineering
- Structural Analysis
- Tower Remediation
- Heat Load and Cooling
- Command & control centers
- Construction/As-built drawings
- Bill of Materials
- Cost Estimation
- Procurement Planning



Tower Site Construction

- Site Preparation
- Towers Construction
- Safety and accident prevention
- Utility coordination/hookup
- Generator/ATS/Fuel System Installation
- Shelters Setup
- Antenna and Line Installations
- Room Removals
- Fiber connectivity
- Alternative Power Systems
- Demolition



Maintenance & Repairs

- 24X7 Customer Response Center
- Next-day on-site response
- Nationwide Parts Warehousing
- Tower/Antenna/Lighting Repairs
- Tower Structural Upgrades
- Comprehensive Tower Inspections
- UAV/Drone Inspections
- Regular Tower/Equipment Maintenance
- Tower Painting
- Sweep/OTDR testing
- R56 Site Audits
- Lead Abatement



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Tower & Construction Solutions

Past Performances



US Coast Guard Tower Maintenance and Construction

- Performed work at over 300 tower sites including both routine maintenance, major repairs, new construction and tower demolitions.
- Design new steel tower structures based on USCG requirements
- Perform site development for new construction towers
- Conduct TIA recommended tower inspections
- Tower remediation and maintenance services

Irving, Texas Tower Construction

- Designed and installed four new towers up to 350' for P25 public safety radio system
- Installed new shelter including new HVAC, UPS and generator to support the system
- Demolished two existing towers and relocated two existing shelters to new locations
- Installed new fiber connectivity to two of the sites and connected to the City's existing fiber ring



CBP Calexico RVSS Command Center & Tower Relocation

- Relocation to new Border Patrol Station
- Provided turnkey services to design, procure and build new 160' tower, a 12' x 38' concrete shelter and improvements to the remote video surveillance systems.
- Maintained full system operation while undergoing relocation.
- Installed new antennas, transmission lines, and relocated all 16 microwave links and LMR equipment to new location.

Eglin Air Force Base Tower Construction, Repair and Demolition

- Submittals including safety plans, quality plans, environmental plans and test plans.
- Geotech, survey, tower drawings and construction drawings
- Procurement and fabrication of tower
- Site Preparation and relocation of existing water and electrical utilities.
- Tower foundations, erection and painting.
- Structural repair of existing 141' tower,
- Disassemble the two remaining towers



To engage with us for all your communications needs, contact us at sales@commdex.com