

CONSTRUCTION MANAGEMENT  
TELECOMMUNICATIONS  
BUILDING DIAGNOSTICS  
SUSTAINABLE SOLUTIONS



## HICAPS, Expertise in the Design and Integration of Public Safety Radio Systems

### HICAPS ENGINEERING SERVICES

Every emergency is unique and so are the Communications Systems that manage them. HICAPS #1 Goal is to understand each client's specific needs. Then, through careful planning, help carry out the solution focused on reliability.

HICAPS Project Management, Engineering and Construction teams are versed in all aspects of Public Safety Radio Systems including;

- Wide Area Networks
- Microwave, Copper, Fiber Optic, Leased Line
- Tunnel Distributed Antenna Systems (DAS)
- In-Building Bi-Directional Amplifier Systems
- Alarm, Control and Monitoring Systems
- Computer Aided Dispatch (CAD)
- Mobile Data Reporting
- Automatic Vehicle Location (AVL) Systems
- Law Records Management Systems (LRMS)
- Subscriber Planning & Management

# HICAPS

600 N. Regional Road  
Greensboro, NC 27409

Main: 336.665.1234  
Fax: 336.665.1855

sales@hicaps.com  
hicaps.com

As a critical Communications industry leader, HICAPS is known for delivering secure, interoperable solutions to Federal, State and Local Governments, Manufacturers, Utilities, Transportation, and Educational Institutions. HICAPS is the Public Safety Radio Systems Total Solutions Provider.

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### HICAPS Engineering Services

- FNE & Subscriber Survey/Inventory
- Frequency Planning, Talk Group Optimization
- Fleetmapping
- Template/Codeplug Development
- Installation, Optimization & Commissioning
- Test Plan Development
- Perform Coverage Testing
- Total Project Consulting
- Services Across the US and International



#### General Contracting Licenses

NC 43095, FL QB53558 CGC 1513086, GA GCC0003695 GCQA003703,  
VA 2705 061318A, SC 104766, TN 00060124

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NC  
HUB-Certified



GSA Contract Holder

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## Optimizing Telecommunications Infrastructure Performance Through Quality Assurance

### **HICAPS COMMUNICATIONS SITE CONSULTING SERVICES**

Communications Sites are subject to a variety of environmental and maintenance challenges. These sites contain the intricate telecommunications infrastructure necessary for public agencies and wireless communication providers to communicate during critical events. HICAPS experienced Communications Site Consulting Team has the expertise to assure the site infrastructure remains reliable.

HICAPS Communications Site Services are tailored to match the scope of a project. Pre-construction surveys establish the suitability of a site for communications site installation and required upgrades to meet the industry standards. Post construction/equipment installation surveys are conducted to ensure the facility and infrastructure meet the site design and industry standards for quality and safety. Periodic site reviews proactively assess site needs and detect changing conditions that adversely impact the performance of the communications system.

HICAPS Communications Site Consulting Team is comprised of; Certified Electronic Technicians (CET), Site Installation Inspectors (CSII) and RF Engineers with over 100 years of combined expertise in Public Safety/LMR Systems.

HICAPS is a Motorola Solutions National Site Design Team Preferred Service Provider for Construction Management and R56 Audit Services. HICAPS has an extensive audit/inspection portfolio. HICAPS provides total project consulting, construction and engineering services from concept to completion.



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### HICAPs R56 Auditing Services

- Pre-Audit/Installation Consulting
- Design Phase Reviews/Recommendations
- Remote RF/Prime Site, EOC Building Expertise
- Post-Audit Compliance Support
- Total Project Consulting
- Comprehensive Reporting
- Global Availability
- Time & Cost Effective Audit Planning



### Projects

Thousands of site inspections internationally and across the Continental U.S.



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## HICAPS is Poised & Equipped to Address the Future of Public Safety Telecommunications

### HICAPS TELECOMMUNICATIONS

Public Safety Telecommunications projects carry a unique set of challenges that demand more than the typical promise, they require a true commitment. Lives are at stake, allowing no room for error in the planning or execution of a project. HICAPS makes careful technology and process decisions with our clients that minimize complexities and ultimately result in the optimum communications solutions for first responders. HICAPS understands that the hidden threat of project tunnel vision has to be addressed at every phase, which will enable a Telecommunications Solution to be useful across a variety of user agencies. HICAPS projects are planned with interoperability in the forefront.

HICAPS brings to life telecommunication solutions that keep in step with the pace of change. The HICAPS philosophy embraces unexpected problems, allowing for continuous improvements, even after a project has begun. Our nimble approach is key to our success in the Public Safety Telecommunications space where stakeholders and their requirements can change at every phase of a project. We don't allow planning foresight to blind us to improvement opportunities during project execution.

Since 1985, HICAPS has worked on hundreds of projects providing professional project management, engineering and construction management services to government agencies at the Federal, State, and Municipal level. You can trust us to deliver high quality projects because of our deep domain knowledge of Public Safety Telecommunications Solutions.

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**Our team of domain experts have an average of 25 years of experience & are comprised of:**

- RF Systems Engineers
- System Technologists
- System Information Management Professionals
- Certified User & Technical Training Instructors
- Certified R56 Auditors
- Certified Electronics Technicians (CET)
- Project Management Professionals (PMP)
- Control Path Method (CPM) Scheduling Experts



**We have the capability to handle all of your Public Telecommunications needs, including:**

- Program & Project Management
- RF Systems Engineering
- RF Site & Dispatch Center Construction/Renovation
- Certified User Training
- Site Auditing/R56 Auditing Services
- System Operational Optimization
- Close Out Documentation
- Dispatch Standard Operating Procedures (SOP)



**The HICAPS team has years of experience with two-way radio systems & subsystems, including:**

- RF Single Site, Multi-Site & Statewide Systems
- Wide Area Networks-Microwave, Lease Line, Copper T1, Fiber Optics
- Tunnel Distributed Antenna Systems (DAS)
- In-Building Bi-Directional Amplifier Systems
- Alarm, Control, & Monitoring Systems
- Computer Aided Dispatch (CAD)
- Mobile Data Reporting
- Automatic Vehicle Location (AVL) Systems
- Law Records Management Systems (LRMS)
- Subscriber Planning & Management
- RF System Operational Talkgroup Design Optimization Radio Programming Software



**HICAPS provides Certified User Training for the following:**

- Subscriber Portables
- Subscriber Mobiles
- Console Systems
- System Management Terminals
- Computer Aided Dispatch (CAD)
- Mobile Data Systems
- Radio Programming Software
- Law Record Software
- Law Record Management Systems
- Admin/Alias Database

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