



# Capabilities Statement

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[www.goQTG.com](http://www.goQTG.com)



## Company Overview

Quantum Technology Group, LLC, a Service Disabled Veteran owned, SBA 8(A), SB, and Minority Small Disadvantaged Business, is full service technology & telecommunications company. As a national leader in innovative connectivity technology, Quantum Technology Group is a recognized resource in the design and installation of data, voice and video solutions. Quantum Technology Group is a complete, single-source provider of client-specific voice, data, and video communications services and products including: network integration, closed circuit television, cabling infrastructures, cloud technology, and Unified Communications (telephony) solutions. We also assist our customers with managing day-today operations for their mission critical IT and telecom infrastructures. Our company has established an excellent reputation and loyal clientele appreciative of the service, knowledge, and expertise of the entire staff. We are meeting or surpassing industry standards, while at the same time setting new ones.

We provide totally reliable, competitively priced, and superior mission critical Converged-IP Solutions to Federal, State, and Local Governments, educational institutions, and commercial markets primarily in the continental United States (CONUS).

The benefits of converged technology goes beyond cost savings: You can increase productivity, simplify changes and expansion, and access your systems over the Internet by converging your phone, e-mail, voicemail, wireless solutions, conferencing, security, access control, and cabling into a single intelligent IP network.

**NAIC, SIC Codes:** 238210, 237130, 517110, 517911, 517919, 517210, 334112, 334419, 334290, 335921, 423430, 423620, 423690, 541513, 541519, 541618, 811213, 334119, 334210, 334310, 334419, 335929, 443130

**DUNS Number:** 011561851

**Cage Code:** 65Q34

**SBA (8A):** Registered

**SDVOSB:** Certified by Department of Veterans Affairs

### **SAM & Central Contractor**

**Registration:** Registered

**Location:** Headquarters – North Carolina (Cornelius)

Quantum Technology Group is a SBA, 8(A), Minority and Service Disabled Veteran Owned Small Business headquartered in Cornelius, North Carolina.



### Past Performance:

#### United States Army Reserve

Nationwide

Voice and Data Cabling Services, Cabling Infrastructure Design, Telephony Services and Support, Network Integration, Equipment Sales, Post Sale Support.

\$5 mil+

#### United States Marshals Service

Nationwide

Voice and Data Cabling Services, Cabling Infrastructure Design, Telephony Services and Support, Network Integration, Equipment Sales , Post Sale Support.

\$500k

#### Catholic Diocese of Charlotte

Charlotte, NC

Voice and Data Cabling Services, Cabling Infrastructure Design, Telephony Services and Support, CLEC and ILEC Integration, Network Design, Network Integration, Wireless Design and Implementation to include Power over Ethernet, Equipment Sales (Computers, Switches, Routers, Servers, Software)and Post Sale Support.

\$1 mil+

#### Central Piedmont Community College

Charlotte, NC

Voice and Data Cabling Services on 7 of their last major new and renovation projects totaling over 5000. Cabling Drop additions. Over 15,000 ft of Singlemode and Multimode Fiber Installed. \$500k+

## Focus and Experience

Quantum Technology Group has been in business since 2007 and has successfully performed hundreds of installations and audits throughout the United States to both the Civilian and Defense markets. Our experience includes Information Technology, telephony systems, access control, cloud technology, and cabling infrastructures. By employing and contracting an outstanding group of skilled professionals and having immediate access to other proven experts, Quantum Technology Group is extremely scalable in meeting demanding tasks in a timely, professional, and cost efficient manner. Collaborating with the best strategic manufacturer, distribution and contracting partners, Quantum Technology Group designs, engineers and implements solutions for clients that maximize the competitive advantage of networking based systems. The company has a proven and demonstrated track record of on-time, on budget project delivery.

Quantum Technology Group has the focus and expertise to create complete technical solutions. From front-end consulting and planning to integrating and managing technology solutions, we have the depth and experience to respond and execute.

## Certifications as Follows:

- Certified Panduit (25 Year End to End)
- Certified Siemon Designer
- Certified Siemon Installer
- BICSI Registered Communications Distribution Designers
- BICSI Certified Telecommunications Technicians
- Project Management Professional Certificates (Georgia State University)
- Microsoft Solution Provider
- Microsoft Certified Systems Engineers
- VMware Certified Professional
- Cisco Premier Certified Partner
- Cisco ATP TelePresence Advanced Certification
- Cisco Certified Design Associate (CCDA)
- Cisco Certified Technicians TelePresence
- Cisco Certified Network Professional (CCNP)
- Cisco Certified Network Professional (CCNP) – Voice
- Cisco Certified Security Professional (CCSP)
- Cisco Certified Network Associate (CCNA)
- Cisco Certified Network Associate Data Center (CCNA Datacenter)
- Cisco Advanced Wireless LAN Field Specialist
- Cisco Firewall Specialist

- Cisco IOS Security Specialist
- Cisco Information Security Specialist
- Cisco IPS Specialist
- Cisco Network Admission Control Specialist
- CompTIA Security Plus
- Nortel Certified Technology Expert (NCTE) – Converged IP Networks
- Nortel Certified Technology Specialist (NCTS) – Converged IP Telephony Solutions
- Nortel Certified Technology Specialist (NCTS) – Real-Time Networks
- Nortel Certified Support Specialist (NCSS) – BCM50 Rls. 2.0 & BCM200/400 Rls. 4.0
- Installation, Configuration, & Maintenance
- Telecommunications Industry Association – Convergence Technologies Professional (CTP)
- Avaya/Nortel Authorized Sales Engineers

Quantum Technology Group provides comprehensive solutions to meet the unique requirements of your organization. We can help you achieve your mission, through our industry knowledge, best in class products, solutions, and expert personnel.

## Solutions:

### Information Technology

Quantum Technology Group offers architecture and design services that can address virtually any networking infrastructure need, from requirements definition to creating a cost-effective solution. Quantum Technology Group specializes in both network management and implementation, including systems engineering, installation, testing, systems administration, maintenance, training, help desk and desktop support, hardware/software purchases, integration of servers and system software, configuration management, and technical documentation and integration/ testing of network backbone elements such as gateways, routers, switches, hubs, and bridges.

We offer extensive design, implementation and support for server and system solutions that operate in Microsoft computing environments. Our Network Service team is composed of experienced, certified engineers that provide cutting-edge networking solutions for your organization.

In a world where telecommuters, road warriors and business travelers are fast becoming standard employee practices, we offer reliable and secure remote access solutions which keep everyone in touch with critical information every step of the way.

- On-Site Maintenance Agreements
- Local/Wide Area Networking
- Servers and Operating Systems
- Remote Access Solutions
- Network Hardware

- Wireless Solutions
- Network Support Services
- Security Assessments
- Enterprise Management

## Telephony

Quantum Technology Group can assist clients with design, implementation, installation, systems integration, operations and maintenance in the telephony arena. Our broad expertise includes a wide range of telephony products and technologies such as traditional PBX and key systems, Voice over the Internet Protocol (VOIP), voicemail systems, computer telephony integration, unified messaging and paging systems.

Quantum Technology Group's telephone and voice mail system experts are here to design solutions for you. We install, program, and service many types of telephone and voice mail systems, however we specialize in Cisco Solutions and Avaya/Nortel Network's products. We offer a wide range of solutions from major manufacturers in the telephone and voice mail system industry. This allows us to help you find solutions that fit your needs and budget.

Our certified technicians and staff will guide you through your installation and train you on the proper operation of your system after installation.

## Unified Communications

Quantum Technology Group sells, installs, and maintains digital and VoIP business telephone systems that provide you with the latest technology at affordable prices. We offer advanced phone systems that will scale to your organization's growth. Our systems can be networked together seamlessly. With Quantum Technology Group, you have the potential to merge all of your communications, from faxing, e-mail to voice mail. Our business telephones are designed to increase productivity and yet are so easy to use that everyone in your organization can start taking advantage of their productivity enhancing power right away.

Our Unified Communications solutions address:

- VOIP
- Voice Mail and Unified Messaging
- Presence
- Mobility
- Collaboration
- Conferencing
- Improved User Interfaces
- Security

Driven by the desire to maintain leadership in telecommunication services, Quantum Technology Group carefully selects its products and partners. Our partnerships with Cisco and Avaya enable us to provide best in class equipment and solutions to our customers.

## Cisco Wireless

Secure and reliable wireless connections are critical to support the mobile users in your organization. Increasingly people use two or three wireless devices at the same time, the number of devices that are connecting grows significantly. How to best monitor and secure the corporate wireless network is crucial.

Quantum Technology Group provides the Cisco Aironet® Access Point Module for Wireless Security and Spectrum Intelligence (WSSI) for the Aironet 3600 Series Access Point which introduces a new way for customers to design and deploy their wireless networks. By tightly coupling data connectivity, spectrum analysis, and security threat detection and mitigation into a single, multipurpose access point, this new Cisco solution eliminates the need for two separately deployed networks.

Quantum Technology Group can help you future-proof your wireless network deployments and maximize your return on investment with these Cisco solutions.

## Cisco TelePresence

Quantum Technology Group helps customers enhance collaboration with Cisco TelePresence – using the power of a global IP network and unified communications to enable collaboration between users like never before. Cisco's innovative video and audio technology make it possible for users to communicate as naturally as they would in person. Every expression, gesture, and nuance is clearly visible; across town or across time zones. Scale Yourself, Your Teams, and Your Business with a Flexible Architecture

Cisco's unique network-based approach takes full advantage of Cisco's high quality IP network and unified communications expertise. The network delivers a TelePresence experience that is powerful, flexible, and easy to use.

## Cabling Infrastructure Service

Quantum Technology Group offers complete cabling infrastructure services with a broad array of products and capabilities. Our cabling engineers listen to what you want to accomplish and suggest ways to best service your needs. These may include types of cable, method of wire management, and future proofing your installations. They then provide a proposal taking into account current technology and future potential so that you can enjoy your cabling investment for years to come. Our cabling technicians are neat, clean, polite, professional, knowledgeable and certified.



- Cat 3, 5, 5E, 6 & 7
- Fiber-Optic Cabling
- Access Control Systems and Cabling

- Design & Installation
- Termination
- Testing/Certification to insure performance
- Up to Lifetime Warranty
- Communications Room Design and Build out
- Fusion and Mechanical Splicing
- Accessories (wall panels, patch cords, etc.)
- Voice / Data / Video
- Aerial Guide-wire
- Cabinets
- Panels and Cables
- Adds / Moves / Changes to existing wiring
- Periodic maintenance

## Cloud Services

Whether you are a cloud novice or already have a strategy in place, Quantum Technology Group provides the expertise and support you need to succeed in the cloud. We can help you stay informed of ever changing technology cloud technologies and make finding the right solutions for your organization a part of our mission.

More importantly, Quantum Technology Group will work with you to implement the strategies that are right for your organization. We will help your organization assess cloud readiness and plan a migration-to-cloud strategy that fits your needs, goals and budget, keeping you ahead of constantly evolving technology standards.

Moving your current strategies and infrastructure from on-premise applications to the cloud can be complex. Quantum Technology Group can pave the way.

## Program Management

Federal Government, State Governments, and Enterprises are constantly looking for cost effective and efficient means for managing day-to-day operations for their mission critical IT and telecom infrastructure. The majority of these agencies depend on contractor outsourcing to achieve these goals since managing IT and telecom infrastructure is not their core competency, but the requirement is critical to the performance of their mission.

It is a challenging task to choose a responsive, reliable, and cost-conscious outsourcing contractor who can efficiently provide management, operations and maintenance (O&M) support and carry out other operational responsibilities. Critical to such an effort is contractor's ability to seamlessly assume the responsibilities, maintain the needed availability standards, and be responsive to end-users through stringent Service Level Agreements (SLAs).

Our teams work with government and commercial customers alike and provide the very best services to any and all. Quantum Technology Group has a daily goal of providing the most professional, technical, and administrative talent needed to reduce costs, increase flexibility and responsiveness, and get the job done right the first time.



We have the qualified people with the technical skills to meet all customer expertise and experience requirements. Our employees are comprised of knowledgeable individuals who are dedicated to serving you at the highest level of excellence. From their ever-increasing skills working with our customers, determining their needs and evaluating the best methods to solve problems and address issues, our employees are better able to advise and assist customers worldwide in developing their plans and programs for the future. We understand the elements necessary to attract and retain quality personnel who are committed to our customer's mission.

Whether short or long term assignments, the result is a stable workforce for our customers, both here at home, and in austere environments around the globe. We understand the **MISSION**, apply the appropriate **REACTION** and dedicate ourselves to producing the **RESULT**, on time and on budget.

### QTG has expertise in:

- Professional services,
- Technical services,
- IT staff augmentation and operational support

### Datacenter Design and Implementations

Quantum Technology Group has a highly-qualified team of project managers, certified in-house technicians and engineers devoted to data center design and implementation. In addition, QTG is an Authorized Cisco, VMWare and EMC Technology Partner providing the expertise to engineer, design and implement a cloud based or private datacenter.

Our in-house structured cabling and networking team has the experience and expertise to design and implement a reliable, flexible and secure data center, server room or wiring closet that will serve your organization well for years to come.

Whether you're looking to plan, design and implement a new data center or increase the efficiency of an existing one, Quantum Technology Group can help. From the latest trends and best practices to determining which infrastructure to put in place, our highly-trained staff will help you navigate the vast options of new products and technologies to find the solution that is best for your organization.

### The Quantum Technology Group Leadership Team

- **Adam Jones**, President, Director of Business Development, RCDD, CCDA  
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