

# IT solutions NOW and into the FUTURE



## Capability Statement

FCC Consulting Services LLC (FCC) was founded to provide professional information technology consulting services to the financial, telecommunications, healthcare and manufacturing industries in both the public and private sectors. FCC provides a comprehensive approach to our product mix and service offering and we are organized based on functional expertise and core competencies.

## Core Competencies

### Professional Services Technology Services Drone Inspections

- Project Management
- System Integration
- Deployment & Installation
- Migration
- Technical Support
- Wireless Network Assessments
- Infrastructure Assessments
- Premise Wiring
- Backup & Recovery
- Cyber Security
- Commercial Roofs
- Tower Inspections
- Power-Lines
- Disaster Response
- Aerial Surveys
- Thermal Analysis

Our ability to establish and maintain effective communication, rapport with our clients, and to transfer our knowledge and experience to our clients is what sets us apart from our competition. We offer a level of practical experience, know-how as well as technical and managerial expertise that provides our clients with the assurance that FCC is a professional high quality consulting firm that is committed to ensuring their client's success by delivering projects on time and within budget.

**DUNS:** 080318382

#### NAICS CODES:

511210 | 541512  
541611 | 541511  
541513 | 541519  
336411

#### CERTIFICATIONS:

- SBA 8A
- DBE - NY & NJ
- SBE - NY & NJ
- MBE - NY
- NMSDC Certified

**FCC Consulting Services**  
184 S Broad Street Trenton, NJ 08608



Our pilots are CFR Part 107 certified & Insured for your safety. We use state-of-the art aircraft systems matched with the customized payload sensors to capture data that delivers actionable business intelligence.



## The Future of Remote Aeronautics Management

Unmanned aircraft systems (UAS) are quickly emerging as the new technology helping businesses discover new ways to improve efficiency and operating margins. FCC, with its new division, **FOCUS UAS**, will be the gold standard in this industry by providing innovative drone solutions that deliver quantifiable results.



## Delivering Cutting-Edge Leadership

FCC's division, **FOCUS UAS**, will revolutionize drone applications through leading edge technological research and development. We provide real world advanced drone operations training and delivers qualitative commercial solutions and content to the marketplace. Those solutions include but are not limited to the following: Commercial Roof Inspections, Construction Audits, Infrastructure Audits, Bridge and Overpass inspections as well as Real Estate and Land Surveys.

### Water Identification & Sub Surface Thermal Analysis



# INFRASTRUCTURE INSPECTIONS

Remote Aerial Surveys provide inspections of towers, factory roofs, power-line and other structures using our UAV mounted cameras. Our UAVs use a range of powerful cameras (thermal) which deliver high resolution photographs or videos which can be studied in real time or at a later date.

We offer a range of different audits from simple photography for routine inspection and maintenance to highly sophisticated 3D models of assets which can be manipulated and viewed from an internet browser and shared with colleagues or contractors.



## FOCUS



### OUR SERVICES

- Insurance Claims
- Tower Inspections
- Power-Line Inspections
- Real Estate Audits

### LOW-COST VALUE-ADD

Ability to provide quality information to drive corporate efficiency.

Ability to quickly highlight issues via our thermal images and moisture & mold technologies.

Ability for ground staff to focus on resolving problems rather than searching for them.

### REAL-TIME INSPECTIONS

Our live feed of your assets allows for repair teams to more accurately target problem areas.

Commercial or residential roof inspections from UAVs provides the capability for flagging issues quickly and providing management with the data to develop an effective priority list.

More frequent routine inspection maintenance allows for prompt attention to issues thereby reducing production downtime.

### QUALITY IMAGING

Providing accurate information is critical for planning, repair and maintenance.

Identification of areas of excessive heat loss, mold and vegetation growth.

Development of custom close-out packages for audits and debris removal.

**All Pilots are CFR Part 107 Certified & Insured for Your Safety**



# ROOF INSPECTIONS

Thermal Infrared Roof Inspection Services by FOCUS IT provides thermal infrared roof inspection services on any roofing system nationwide. We use top of the line FLIR VUE and FLIR VUE Pro Thermal Infrared cameras mounted on our UAV's to provide the most accurate and technologically advanced Thermal Infrared Roof Inspection Service in the USA. Our Thermal Infrared Roof Inspection Includes:

- Thermogram and photograph of entire roofing area
- High quality thermal video of the roof
- Report highlighting areas of possible leaks and damages
- Certification of report for use in insurance claims, home inspection reports and lawsuits



## PROVEN RESPONSE

Drones have proven themselves to be a valuable tool for home inspectors. They provide a safe and effective method to gather high definition imagery of roofs where damage and insulation degradation can occur.

## BEYOND JUST PICTURE

Beyond visual imaging, We utilize thermal technology to identify water damage, faulty electrical components ensuring your roof is secure, underwater sense, energy-efficient, and within code compliance and within insurance requirements.

## OUR SERVICES

Debris volume - Mold detection  
- Corrosion - Water Damage  
- Leaks - Staining - Missing buckling, or curled shingles  
- Improper sealing - Structural damage - Gutter - Weather damage - Estimates on the spot

**All Pilots are Part 107 Compliant FAA UAV Pilots and Insured**

**INSURANCE CLAIMS  
AERIAL PHOTOGRAPHY**

**DEBRIS CONFIRMATIONS  
PROPERTY INSPECTIONS**





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## Cyber Security



The more you know about your vulnerabilities and security controls, the more you can strengthen your organization with effective procedures for governance, risk and compliance. With the growth in cyber-attacks and data breaches costing business and the public sector millions every year, cyber security is now high on the strategic agenda.

It is our job as information risk, security and compliance specialists to keep our customers protected in today's dynamic risk environment. Whether you are looking for advice, testing or auditing services, our elite experienced team and proven approach keeps you protected with future-proofed advice delivered in plain English.

*For more information or to find out how we can help you with your Cyber Security needs, contact us:*

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### Internal Network Vulnerability Audits

Part of auditing is ensuring that organizations have implemented controls. This means that preventative tools such as firewalls and antivirus software have been put in place. It also means that awareness efforts have been made, and that user education about password construction and backups has been provided. The FCC security analysts assess your entire network infrastructure for vulnerabilities by performing internal network vulnerability tests. Typically, this assessment will include examining everything from servers, desktops, and group policy, to the configuration of networking devices and firewalls.

### Penetration Testing

The main objective of penetration testing is to identify security weaknesses. The FCC security analysis conduct sophisticated penetration tests that are used to identify how a potential attacker can cause a threat to your system from outside of your network. Additionally, we use these tests to validate your organization's security policy, its adherence to compliance requirements, its employee's security awareness and the organization's ability to identify and respond to security incidents.

Typically, the information about security weaknesses that are identified or exploited through pen testing is aggregated and provided to the organization's IT and network system managers, enabling them to make strategic decisions and prioritize remediation efforts.

### Cyber Security Employees Training

Empowering your employees to recognize common cyber threats can be beneficial to your organization's computer security. Security awareness training teaches employees to understand vulnerabilities and threats to business operations. Your employees need to be aware of their responsibilities and accountabilities when using a computer on a business network.

FCC provides new hire training and scheduled refresher training courses on a regular basis to assist your organization in creating a data security culture.



(844)322-5521



info@fccconsultingservices.com



www.fccconsultingservices.com