

Innovative Solutions for the Wireless World

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# Comsearch Microwave License Management Services

*Your License is Only as Good  
as the Data*



**COMSEARCH**<sup>®</sup>

**TAMING THE SPECTRUM**<sup>SM</sup>



Have you verified the data on your FCC license lately?

Did you know that the FCC data on some licenses is often incomplete or inaccurate?

Do you know when your license is about to expire—maybe it already has?

A number of factors can negatively impact the ability to maintain accurate operational and FCC license records. From people changing jobs and companies consolidating, to operational changes made in the field and simple data entry errors, the task of keeping all of the required records straight can become quite a challenge. Operating with an expired or inaccurate license or on systems that are not accurately reflected on your license can result in significant FCC fines of up to \$10,000 per occurrence.

Comsearch's License Management Services provides expert engineering, database and regulatory support to help ensure that your microwave systems are operating in compliance with FCC regulations.

Our services range from verification of the technical information on your FCC license to ongoing monitoring of filing deadlines and Antenna Structure Registration (ASR) changes, to performing necessary coordinations and license application filings on your behalf.

Comsearch offers three levels of license management services: auditing, monitoring, and coordination and filing. Our license management services matrix clearly defines the benefits of each service.

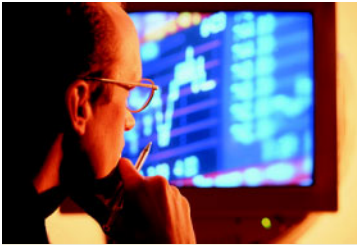
## Auditing Service

It is imperative that the technical information on a FCC license be accurate. Surprisingly, the FCC data on some licenses is often incomplete or inaccurate. Worse yet, an operating microwave system that you thought was licensed may not be. Inaccurate FCC data can increase the likelihood of potential interference into your system as well as others.

Comsearch eliminates data discrepancies and their negative impact through our complete license auditing services. Managed by a full time staff, our databases are maintained daily and are recognized by the industry, as well as the FCC, as the most extensive and accurate databases available.

Comsearch's License Auditing Service verifies the technical information on your FCC license by:

- Comparing the technical information on your FCC license to the information in Comsearch's database.
- Providing a copy of your FCC license with the discrepancies highlighted.
- Comparing FCC license data and Comsearch's data with your dataset, if provided.
- Summarizing discrepancies prioritized by FCC minor or major change classification.



Have you ever received FCC application dismissals due to inconsistent data between your application and the Antenna Structure Registration (ASR)?

Did you know that you must file a System Construction Notice within 18 months of receiving a site-specific license?

## Monitoring Service

Tracking and managing the details of your communication systems licenses can easily become overwhelming—and if not done properly—expensive. Many licensees are at risk of losing assigned frequencies by missing FCC filing deadlines or failure to file FCC applications within 6 months of frequency coordination. Licensees also risk application dismissals due to inconsistent data because tower owners sometimes change their tower registration information without notifying the affected licensees.

Comsearch's monitoring service protects you from these risks by providing quarterly reports that:

- Track license expirations and construction permit filing dates.
- Identify coordinated systems that require PCN renewal.
- Report changes in tower registration information that impact your system.

## Coordination and Filing

As an added benefit, Comsearch can oversee all of your coordination and filing needs, from the initial license filings to completion of construction to license and PCN renewals. Comsearch can give you peace of mind, knowing that your FCC license data is current and accurate.

For more than 26 years, Comsearch has provided frequency coordination and filing services for thousands of customers. Comsearch's FCC licensing group has a full time staff of licensing specialists with more than 20 years of experience.

Let Comsearch take the hassle out of your FCC license management process. The cost is negligible when compared to the costs associated with returning equipment, shutting your system down or incurring an FCC fine.

Comsearch offers three levels of license management services:

- auditing,
- monitoring, and
- coordination and filing.

Please review the license management services matrix on the following page to understand the benefits of each service.



For more information on Comsearch's License Management Services, contact us at **800.318.1234** or at **customersupport@comsearch.com**.

Our license management services matrix clearly defines the benefits of each service.

SERVICES	AUDIT	MONITOR	COORDINATION & FILING
<b>Comparison of FCC license and Comsearch's database technical information</b>	✓	✓	✓
Licensee	✓	✓	✓
Latitude	✓	✓	✓
Longitude	✓	✓	✓
Ground elevation	✓	✓	✓
Frequency	✓	✓	✓
Emission designator	✓	✓	✓
Antenna height	✓	✓	✓
Polarization	✓	✓	✓
Receive call sign	✓	✓	✓
Tolerance	✓	✓	✓
EIRP	✓	✓	✓
Gain	✓	✓	✓
Beam width	✓	✓	✓
Azimuth	✓	✓	✓
<b>Annual Report</b>		✓	✓
"Plot and list of call signs, site names, coordinates and elevations"		✓	✓
<b>Quarterly Reports</b>		✓	✓
Changes to associated ASR registrations		✓	✓
FCC License renewal activity - past quarter		✓	✓
FCC License renewal activity - next quarter		✓	✓
Identify PCNs that will require renewal or filing		✓	✓
Construction permits requiring filing		✓	✓
History		✓	✓
<b>PCN renewals</b>			✓
<b>Recoordination to correct audit discrepancies</b>			✓
<b>FCC Form 601 filing</b>			✓
License filing			✓
License renewals			✓
Completion of construction			✓



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19700 Janelia Farm Blvd. • Ashburn, Virginia 20147 • 800.318.1234 • [www.comsearch.com](http://www.comsearch.com)

Comsearch, headquartered in Ashburn, Virginia, with offices in the United Kingdom, provides total solution global offerings for wireless engineering design, acquisition, installation, and maintenance services. With more than 25 years of experience in developing solutions for fixed mobile and broadband wireless applications, Comsearch has expanded its expertise into the government, real estate, healthcare and academic markets. Its experienced engineers, software products and information databases have addressed the specific challenges of network design and spectrum management for the evolving wireless industry.