



## How To Register Your WMTS Telemetry System

The Federal Communications Commission (FCC) rules state, "prior to operation, authorized healthcare providers who desire to use wireless medical telemetry devices must register all devices with a designated frequency coordinator". It is through this registration process that your equipment becomes licensed. The FCC designated ASHE as the exclusive Frequency Coordinator for the WMTS frequency bands. All WMTS systems operators must register with ASHE. Failure to do so will not only leave you unprotected from other authorized users in the WMTS band, it also means that you are operating illegally and that you could be shut down and even fined.

### Step 1: Create an Account

- Contact ASHE to establish an account either by phone or through the online registration form. You must provide information on the hospital or main facility where wireless medical telemetry equipment will be installed and pay a one-time administrative fee of \$200 to establish each account.

Phone: 312-422-3805

Online: <http://www.ashe.org/ashe/currentevent/wmts/onlineregistration.html>

- ASHE will contact you with the appropriate account information including login and password to enter your WMTS deployment into the WMTS Frequency Coordination System. You can access the system at [www.wmtsearch.com](http://www.wmtsearch.com).

### Step 2: Frequency Coordination

- A hospital must add their WMTS deployment online before they commence with operation. A WMTS deployment is defined as a single manufacturer's telemetry system within the healthcare facility.
- Coordination is performed separately for each of the three bands of operation (608-614 MHz, 1395-1400 MHz, 1427-1432 MHz).
- ASHE has selected Comsearch as their technical partner to provide frequency coordination services. Comsearch maintains the WMTS database and helps registrants add their deployments.

Comsearch Contact Info

Phone: 1-800-318-1234

Fax: 703-726-5599

Email: [wmtsupport@comsearch.com](mailto:wmtsupport@comsearch.com)

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So, how do you add your WMTS deployment online?

1. Log into [www.wmtssearch.com](http://www.wmtssearch.com)
2. Click on "Add A New WMTS Deployment" button on the **Main Menu**
3. Click on facility finder button and select your facility name in the pop-up window
4. Fill in the remaining fields using the enclosed **WMTS Deployment Form** and **Definitions** as a guide

**Please Note:**

If you do not know your Latitude or Longitude, contact Comsearch via email

The ERP will be automatically filled in after you select your equipment type

Enter a number between 10 and 50 km for your search radius

5. Click on Perform Search and view the Search Results screen. Depending on the frequency band, this screen lists information on other WMTS systems, adjacent channel TV stations, radio astronomy receivers, government radar facilities, and utility telemetry stations.
6. Continue to Select Frequencies
7. Review your Transaction Summary and Pricing
8. Enter your Payment Information using **Credit Card Or Purchase Order**. A credit card transaction is processed immediately. A purchase order transaction requires you to fax the PO number to Comsearch within two days of the transaction. The PO should be made out to Comsearch. Warning: Your certificate will become invalid if Comsearch does not receive a fax with the PO number within two days.
9. Download your **Certificate of Authorization**.

### One last Step!

You will need to log back into the WMTS system and click on the "Update Installation Date" button on the main menu to fill in your telemetry system's actual installation date. The installation date cannot be earlier than the certificate date.

If you make **future modifications** to your system, you must log back into [www.wmtssearch.com](http://www.wmtssearch.com) to perform the changes.

### Summary of Fees

Account Setup Fee (paid to ASHE): \$200

Frequency Coordination Fee (paid to Comsearch):

608-614 MHz: \$20 per transmitter, MIN \$250/ MAX \$1500

1395-1400 MHz: \$20 per transmitter/access point, MIN \$250/ MAX \$1500

1427-1432 MHz: \$30 per transmitter/access point, MIN \$300/ MAX \$2000

Coordination with Radio Astronomy (only if necessary): \$500 per deployment

Coordination with Government Radar (only if necessary): \$500 per deployment



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