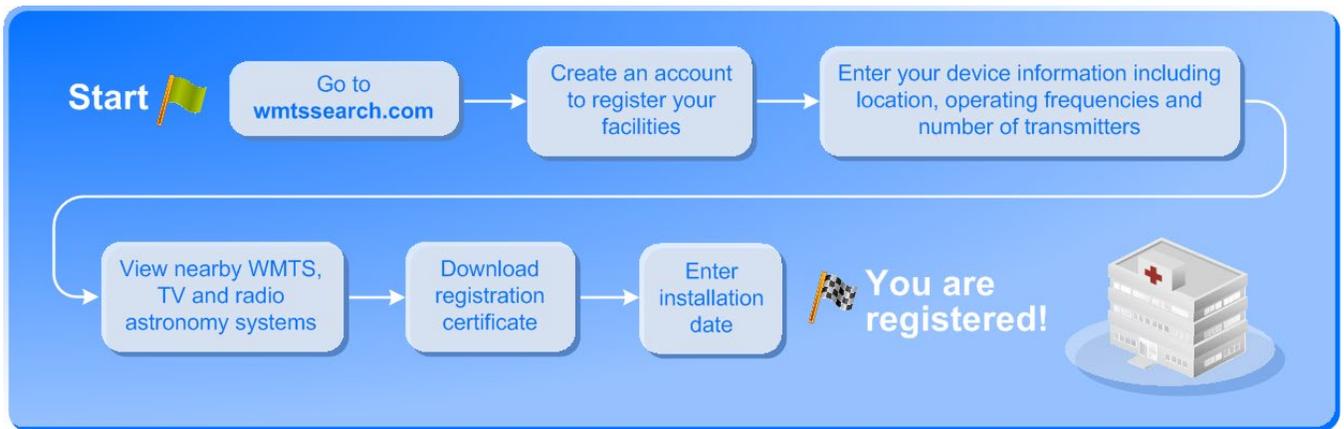


WMTS Registration Database

ASHE, Chicago, IL
(Hosted by Comsearch, Ashburn, VA)

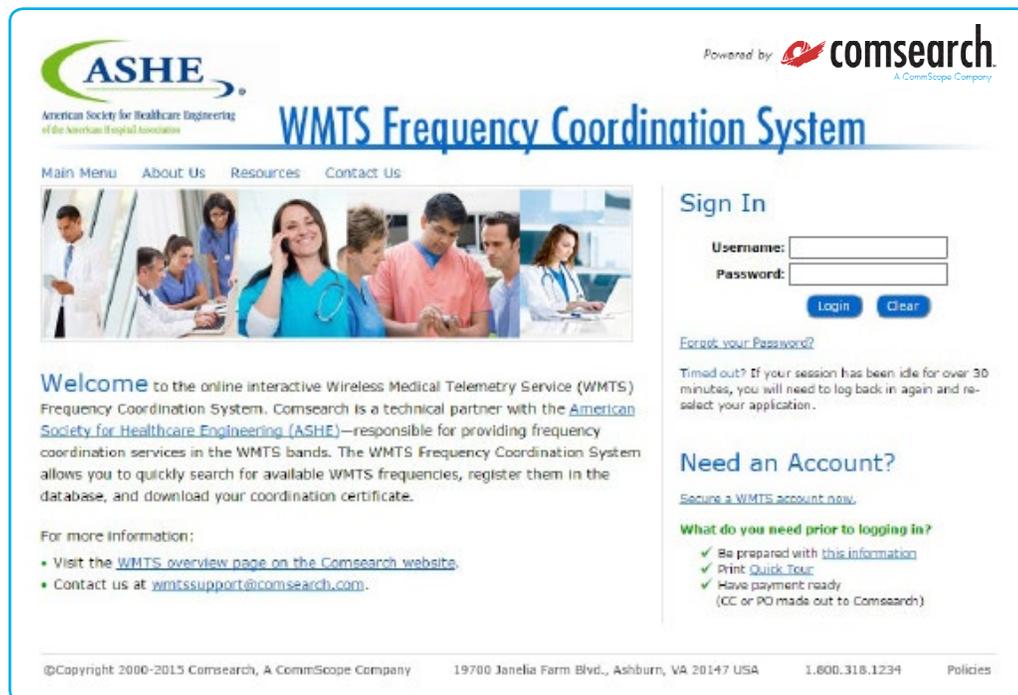
Introduction

Welcome to the WMTS Registration Database, ASHE's online interactive registration system, hosted by Comsearch. We have designed the registration process to help you quickly and easily register your WMTS telemetry, as shown here.



WMTS Quick Tour

Step 1: Go to www.wmtssearch.com



The screenshot shows the homepage of the WMTS Frequency Coordination System. At the top left is the ASHE logo (American Society for Healthcare Engineering of the American Hospital Association). At the top right is the Comsearch logo (Powered by comsearch, A CommScope Company). The main heading is "WMTS Frequency Coordination System". Below the heading is a navigation menu with "Main Menu", "About Us", "Resources", and "Contact Us". A central image shows a group of healthcare professionals. To the right is a "Sign In" section with fields for "Username:" and "Password:", and buttons for "Login" and "Clear". Below the sign-in section is a "Forgot your Password?" link and a message: "Timed out? If your session has been idle for over 30 minutes, you will need to log back in again and re-select your application." Below that is a "Need an Account?" section with a link "Secure a WMTS account now." and a list of requirements: "What do you need prior to logging in?" including: "Be prepared with this information", "Print Quick Tour", and "Have payment ready (CC or PO made out to Comsearch)". At the bottom is a footer with copyright information: "©Copyright 2000-2015 Comsearch, A CommScope Company", address: "19700 Janelia Farm Blvd., Ashburn, VA 20147 USA", phone: "1.800.318.1234", and a link to "Policies".

Quick Tour

Step 2: Create an Account

You will first need to create an account. Select your own login and password, enter your contact information and enter the name and address for each healthcare facility that uses WMTS equipment. You can enter multiple facilities under your account. Select Add Another Facility to enter multiple facilities or select Submit to continue to the summary page.

WMTS Facility Registration

Please enter your contact information below followed by facility information where your WMTS equipment will be installed.
If you need assistance, please contact Comsearch at wmtssupport@comsearch.com or 1.800.318.1234.

ALL FIELDS WITH AN * ARE REQUIRED.

Login and Password

User Name:*

Password:*

(Password must be exactly 8 characters and include at least 1 number and 1 letter)

Re-type Password:*

Contact Information

Name:*

Department:*

Address 1:*

Address 2:

City:*

State:*

ZIP Code:*

Phone:*

Email:*

Fax:

Federal Government or VA Hospitals (if applicable)

If you are registering a Federal Government or VA hospital, please indicate which type of facility:

N/A Army Navy HHS, including IHS VA Air Force Coast Guard

Facility Information

Select this box if facility address is the same as contact address.

Facility Name:*

Address 1:*

Address 2:

City:*

State:*

County:*

ZIP Code:*

Need help? Contact us at wmtssupport@comsearch.com or 1.800.318.1234.

Quick Tour

Step 3: Transaction Summary

There is a one-time administrative fee of \$200 per facility. This screen will summarize the facilities that you entered and the total cost. Select Continue to Payment Information to enter your payment details.

Transaction Summary

The table below shows a summary of your request and its associated cost. Please review this information before you continue.

Registered Facilities

Facility Name: Lizzy Bizzy ER	Price: \$200.00
Address: 300 Pulteney St.	
City, State Zip: Geneva, NY 14456	
	Total: \$200.00

Step 4: Payment Information

You will need to enter your billing information and select the Credit Card (CC) or Purchase Order (PO) payment type. If you select credit card, your credit card will be automatically charged with the amount when you select Submit.

Enter Payment Information

Once you have completed the fields below, click the **Submit Payment Information** button to confirm payment. You will receive a final transaction summary as your receipt.

PLEASE NOTE: Your deployment will not be saved if you do not submit payment at this time.

Name:	<input type="text" value="Liz Blackwell"/>
Address 1:	<input type="text" value="300 Pulteney St."/>
Address 2:	<input type="text"/>
City:	<input type="text" value="Geneva"/>
State:	<input type="text" value="NEW YORK"/>
ZIP Code:	<input type="text" value="14456"/>
Country:	<input type="text" value="United States"/>
Phone:	<input type="text" value="315-700-0000"/>
Email:	<input type="text" value="elblackwell@comsearch.com"/>
Mode of Payment:	<input type="text" value="Purchase Order"/>
PO Number:	<input type="text" value="OM123456ET"/> (Please make PO out to Comsearch)
Issuer of PO:	<input type="text" value="Bank of America"/>
Total Price:	\$ 200.00

Quick Tour

Step 5: Purchase Order Certification

If your payment type is PO, you will need to send a copy of the PO to wmtssupport@comsearch.com within 2 business days.

Purchase Order Requirements

PLEASE READ THESE PURCHASE ORDER REQUIREMENTS CAREFULLY BEFORE PROCEEDING.

You must make your purchase order (PO) out to Comsearch and email or fax a copy of the PO to us within 2 business days. If we do not receive the PO within 2 business days, your deployment will be null and void and you will need to perform a new coordination.

E-mail: joanna.lynch@andrew.com

Fax number: 703-726-5599

I certify that I am authorized to submit purchase orders for the issuer specified on the previous screen.

I certify

I do not certify

Quick Tour

Step 6: Transaction Receipt

A summary of your facility information and costs is provided. You can print this page for your records. This information will also be emailed to you.

IMPORTANT: You still need to register your telemetry devices. Select the Register Your Devices button to do that!

Transaction Receipt

Your account has been billed for the following transaction. You will receive an e-mail that will serve as your order confirmation and purchase receipt.

Important Next Step!
You need to register your device information next. Click on the button below to begin.

[Register Your Devices](#)

Transaction ID: 8008684
Transaction Date: 7/21/15
Billing Contact Name: Liz Blackwell
Street Address 1 (billing): 300 Pulteney St.
Street Address 2 (billing):
City (billing): Geneva
State (billing): NY
ZIP Code (billing): 14456
Phone (billing): 315-700-0000
Email (billing): eblackwell@comsearch.com

Facility / Hospital Name: Lizzy Bizzy ER **Price: \$200.00**
Street Address 1: 300 Pulteney St.
Street Address 2:
City, State Zip Geneva, NY 14456
Transaction ID: 8008684
Transaction Date: 7/21/15

Total Price: \$200.00

[Register Your Devices](#)

Thank you for using Comsearch's WMTS Frequency Coordination System!

Quick Tour

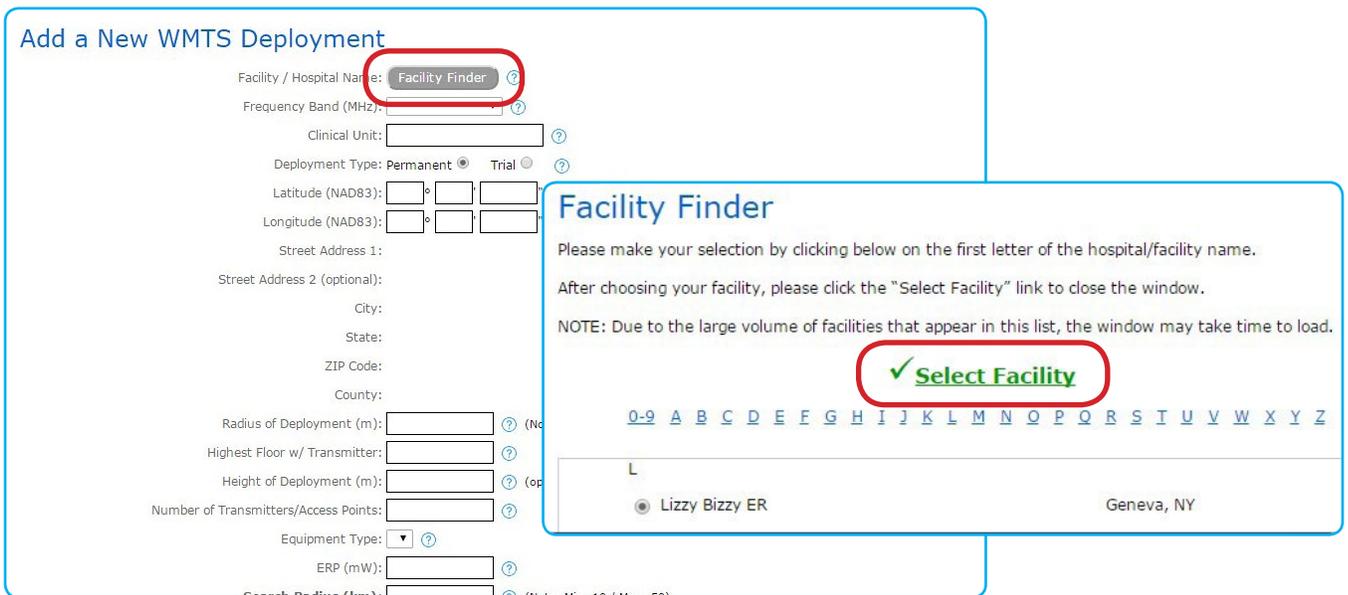
Step 7: Register Your Devices

Select the Add a New WMTS Deployment button.



Step 8: Select Your Facility Using the Facility Finder Button

Select the Facility Finder button and search for your hospital. Only facilities you registered will appear. Once you have selected the facility, click on the Select Facility link in the top right corner of the pop-up window.



Quick Tour

Step 9: Enter Your Deployment Information

Select the frequency band from the drop down menu; only one per registration. Enter the coordinates where the equipment will be located. If you do not know the coordinates, you can contact the vendor or Comsearch for assistance. Enter the remaining fields, including the total number of transmitters (including access points).

Add a New WMTS Deployment

Facility / Hospital Name: Lizzy Bizzy ER Facility Finder ?

Frequency Band (MHz): 608.0 - 614.0 ?

Clinical Unit: ICU ?

Deployment Type: Permanent Trial ?

Latitude (NAD83): 42° 51' 34.5" N(+) ? [Click here](#) if unknown.

Longitude (NAD83): 76° 59' 7.4" W(-) ?

Street Address 1: 300 Pulteney St.

Street Address 2 (optional):

City: Geneva

State: NY

ZIP Code: 14456

County: ONONDAGA

Radius of Deployment (m): 1000 ? (Note: Min=50 / Max=1000)

Highest Floor w/ Transmitter: 4 ?

Height of Deployment (m): ? (optional)

Number of Transmitters/Access Points: 10 ?

Equipment Type: GE Medical Systems-ApexPro ?

ERP (mW): 5.0 ?

Search Radius (km): 50 ? (Note: Min=10 / Max=50)

Comments:

Perform Search Reset

Step 10: View Search Results

This screen displays any nearby facilities with WMTS deployments in the same frequency band, as well as other co-channel or adjacent channel communication systems, including TV stations, radio astronomy facilities and Part 90 telemetry devices. We recommend that you contact your vendor if you are concerned about the close proximity of these systems.

Search Results

Proposed Deployment

Facility / Hospital Name: Lizzy Bizzy ER
 Clinical Unit: ICU
 Latitude (NAD83): 42 51 34.5 N
 Longitude (NAD83): 76 59 7.4 W
 County, ST: ONONDAGA, NY

608 - 614 MHz Existing WMTS Deployments

Facility: Blackwell Memorial Latitude (NAD83): 42 51 34.5 N Longitude (NAD83): 76 59 7.4 W Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5, 612.5 - 614.0 County, ST: ONTARIO, NY	Distance (km): 0.0 Status: Certified Number of Transmitters: 10 Original Certificate Date: 5/10/13
Facility: Geneva General Hospital Latitude (NAD83): 42 52 33.0 N Longitude (NAD83): 76 59 17.0 W Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0 County, ST: Ontario, NY	Distance (km): 1.8183 Status: Installed Number of Transmitters: 12 Original Certificate Date: 8/18/05
Facility: Newark Wayne Community Hospital Latitude (NAD83): 43 0 6.87 N Longitude (NAD83): 77 0 9.77 W Frequency Range (MHz): 608.0 - 609.5 County, ST: Wayne, NY	Distance (km): 15.874 Status: Installed Number of Transmitters: 14 Original Certificate Date: 6/29/05
Facility: Clifton Springs Hospital & Clinic Latitude (NAD83): 42 57 33.0 N Longitude (NAD83): 77 8 8.0 W Frequency Range (MHz): 612.5 - 614.0 County, ST: Ontario, NY	Distance (km): 16.5156 Status: Installed Number of Transmitters: 12 Original Certificate Date: 12/21/05
Facility: Cayuga Medical Center at Ithaca Latitude (NAD83): 42 28 8.0 N Longitude (NAD83): 76 32 15.0 W Frequency Range (MHz): 608.0 - 609.5 County, ST: Tompkins, NY	Distance (km): 56.8505 Status: Installed Number of Transmitters: 18 Original Certificate Date: 8/27/04
Facility: Rochester General Hospital Latitude (NAD83): 43 11 19.68 N Longitude (NAD83): 77 36 14.4 W Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5, 612.5 - 614.0 County, ST: Monroe, NY	Distance (km): 62.291 Status: Installed Number of Transmitters: 16 Original Certificate Date: 10/3/05
Facility: Rochester General Hospital Latitude (NAD83): 43 11 19.68 N Longitude (NAD83): 77 36 14.4 W Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5, 612.5 - 614.0 County, ST: Monroe, NY	Distance (km): 62.291 Status: Installed Number of Transmitters: 8 Original Certificate Date: 10/28/05
Facility: Robert Packer Hospital Latitude (NAD83): 42 28 34.0 N Longitude (NAD83): 76 25 50.0 W Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5 County, ST: Bradford, PA	Distance (km): 62.3181 Status: Installed Number of Transmitters: 5 Original Certificate Date: 8/18/03

Radio Astronomy Facilities Requiring Coordination

NONE

Existing Adjacent Channel TV Facilities

Facility: WAWW-LP Latitude (NAD83): 43 8 7.0 N Longitude (NAD83): 77 35 7.0 W Channel:	Distance (km): 57.7156 Status: Licensed
Facility: WSHH-LP Latitude (NAD83): 43 8 7.0 N Longitude (NAD83): 77 35 7.0 W Channel:	Distance (km): 57.7156 Status: Licensed

Continue to Select Frequencies
Edit Search Criteria

Quick Tour

Step 11: Frequency Selection

Select the frequency ranges that will be used by your WMTS devices and list the specific frequencies in use in the text box provided. You can also enter a range in the text box such as 608–614, 1395–1400, or 1427–1429.5 MHz.

Frequency Selection

Please select your frequencies and click on the submit button at the bottom of this page. Frequencies have been grouped in two categories: Available and Potential Conflicts. [View definitions for each category.](#)

Available Frequencies

Frequency Range (MHz) ?	Existing WMTS Deployments ?	Radio Astronomy Coordination Req'd ?	Existing TV Facilities ?
NONE			

Potential Conflicts

Frequency Range (MHz) ?	Existing WMTS Deployments ?	Radio Astronomy Coordination Req'd ?	Existing TV Facilities ?
<input type="checkbox"/> 608.0 - 609.5	YES		YES
<input type="checkbox"/> 609.5 - 611.0	YES		YES
<input type="checkbox"/> 611.0 - 612.5	YES		YES
<input type="checkbox"/> 612.5 - 614.0	YES		YES

Specific Frequencies in Use (required)

Enter center frequencies or frequency range (in MHz) used by your WMTS equipment—only numbers, dashes, periods and commas allowed.
(Example: 1427.9,1429.5)

Frequencies or Frequency Range:

Quick Tour

Step 12: Transaction Summary

This screen will summarize the device information that you entered and the total cost based on number of transmitters (see page 16 for pricing). Select Continue to Payment Information to enter your payment details.

Transaction Summary

The table below shows a summary of your request and its associated cost. Please review this information before you continue.

Facility / Hospital Name: Lizzy Bizzy ER	Price: \$ 200.00
Clinical Unit: ICU	
Deployment Type: Permanent	
Latitude (NAD83): 42 51 34.5 N	
Longitude (NAD83): 76 59 7.4 W	
Street Address 1: 300 Pulteney St.	
Street Address 2:	
City: Geneva	
State: NY	
ZIP Code: 14456	
County: ONONDAGA	
Radius of Deployment: 1000.0	
Highest Floor w/ Transmitters: 4	
Height of Deployment (m):	
Number of Transmitters: 10	
Equipment Manufacturer: GE Medical Systems	
Equipment Model: ApexPro	
ERP (mW): 5.0	
Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5, 612.5 - 614.0	
Specific Frequencies in Use: 609,610,611,612	
	Total Price: \$ 200.00

[Continue to Payment Information](#) [Edit Search Criteria](#) [Cancel Transaction](#)

Quick Tour

Step 13: Payment Information

You will need to enter your billing information and select the Credit Card (CC) or Purchase Order (PO) payment type. If you select CC, your card will be automatically charged with the amount when you select Submit.

Enter Payment Information

Once you have completed the fields below, click the **Submit Payment Information** button to confirm payment. You will receive a final transaction summary as your receipt.

PLEASE NOTE: Your deployment will not be saved if you do not submit payment at this time.

Name:

Address 1:

Address 2:

City:

State:

ZIP Code:

Country:

Phone:

Email:

Mode of Payment:

PO Number: (Please make PO out to Comsearch)

Issuer of PO:

Total Price: \$ 200.00

Quick Tour

Step 14: Terms and Conditions

You will need to read and accept the terms and conditions of the registration prior to continuing.

WMTS Frequency Coordination—Terms & Conditions

PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE PROCEEDING.

Your use of this site, including the download of data, software or placement of an order, indicates your acceptance of these terms and conditions. If you do not agree to these terms of use, please do not use the site. We reserve the right, at our discretion, to change, modify, add, or remove portions of these terms at any time. Please check these terms periodically for changes. Your continued use of ASHE.org following the posting of changes to these terms will mean you accept those changes.

Services

Prior to operation, authorized health care providers who desire to use wireless medical telemetry devices must register all devices with the designated frequency coordinator. ASHE has been designated by the Federal Communications Commission (FCC) to manage the usage of frequency bands for the operation of medical telemetry devices. These services include (1) review and process coordination requests submitted by authorized healthcare providers (2) maintain a database of WMTS use (3)

Before placing your order you must confirm that you read, understand and agree to the WMTS Terms and Conditions.

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Quick Tour

Step 15: Transaction Receipt

A summary of your device registration information and cost is provided. You can print this page for your records. This information will also be emailed to you.

Transaction Receipt

Your account has been billed for the following transaction. You will receive an e-mail that will serve as your order confirmation and purchase receipt. If you did not register an e-mail address with your account, you must **print this page as your purchase receipt**.

Transaction ID: 8008685
Transaction Date: 7/21/15
Billing Contact Name: Liz Blackwell
Street Address 1 (billing): 300 Pulteney St.
Street Address 2 (billing):
City (billing): Geneva
State (billing): NY
ZIP Code (billing): 14456
Phone (billing): 315-700-0000
Email (billing): eblackwell@comsearch.com

Deployment ID: 8507623
Facility / Hospital Name: Lizzy Bizzy ER Price: \$ 200.00
Clinical Unit: ICU
Deployment Type: Permanent
Latitude (NAD83): 42 51 34.5 N
Longitude (NAD83): 76 59 7.4 W
Street Address 1: 300 Pulteney St.
Street Address 2:
City: Geneva
State: NY
ZIP Code: 14456
County: ONONDAGA
Radius of Deployment: 1000.0
Highest Floor w/ Transmitters: 4
Height of Deployment (m):
Number of Transmitters: 10
Equipment Manufacturer: GE Medical Systems
Equipment Model: ApexPro
ERP (mW): 5.0
Frequency Range (MHz): 608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5, 612.5 - 614.0
Specific Frequencies in Use: 609,610,611,612
Total Price: \$ 200.00

Important Step!
You need to update your installation date within 30 days or your certificate will expire. You will need to log back into the WMTS system and click on [Update Installation Date](#) on the main menu to enter your installation date.

Your frequency coordination certificate for **Lizzy Bizzy ER** has been generated. Please download the certificate immediately by selecting the button below.

[Download Your Frequency Coordination Certificate](#)

Thank you for using Comsearch's WMTS Frequency Coordination System!

Step 16: Download Your Registration Certificate

Select the Download Your Registration Certificate button to view, save and print your certificate.

WMTS Coordination Certificate

Your frequency coordination for **Blackwell Memorial** has been approved for inclusion into the WMTS database. Below is a summary of your approved deployment. **Please keep a copy of this Certificate for your records.**

Facility / Hospital Name:	Blackwell Memorial
Clinical Unit:	ICU
Deployment Type:	Permanent
Status:	Certified
Latitude (NAD83):	42 51 34.5 N
Longitude (NAD83):	76 59 7.4 W
Street Address 1:	300 Pulteney St.
Street Address 2:	
City:	Geneva
State:	NY
ZIP Code:	14456
County:	ONTARIO
Radius of Deployment (m):	1000.0
Highest Floor with Transmitters:	4
Height of Deployment (m):	
Number of Transmitters/Access Points:	10
ERP (mW):	5.0
Equipment Manufacturer:	GE Medical Systems
Equipment Model:	ApexPro
Search Radius (km):	50.0
Frequencies Selected (MHz):	608.0 - 609.5, 609.5 - 611.0, 611.0 - 612.5, 612.5 - 614.0
Specific Frequencies in Use:	609,610,611,612
Analysis Date:	5/28/13
Certificate Date:	5/28/13

This Coordination Certificate is being provided in accordance with Section 95, subpart H of the Federal Communications Commission rules and regulations. This Certificate is valid until the subject deployment is either removed or modified. This Certificate is not transferable and is valid for the subject deployment only.

Issued by
The American Society for Healthcare Engineering of the American Hospital Association
WMTS Frequency Coordinator
155 N. Wacker Drive, Suite 400
Chicago, IL 60606
(312) 422-3800
wmtssupport@comsearch.com

Quick Tour

Step 17: Important Final Step—Update Your Installation Date!

You need to update your installation date within 30 days or your certificate will expire. You will need to log back into the WMTS system and click on Update Installation Date on the main menu to enter your installation date.

Main Menu

[Add a New WMTS Deployment](#)

[View / Modify / Delete Existing WMTS Deployments](#)

[Update Installation Date](#)

[Additional Comsearch Services](#)

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Update Installation Date

Please select a deployment or enter an installation date and click on the appropriate button below.

Note: If your system was installed before your certificate was granted, enter the same date as your certificate date. The installation date cannot be earlier than your certificate date.

Facility/Hospital Name	Clinical Unit	Status	Certificate Date	Installation Date
<input checked="" type="radio"/> Lizzy Bizzy ER	ICU	Certified	7/21/15	<input type="text"/>

[View Detail](#) [Update Installation Date](#)

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Quick Tour

This concludes our WMTS Quick Tour. Please proceed to www.wmtssearch.com to begin registration. If you need assistance at any time, please contact wmtssupport@comsearch.com.

A summary of the registration fees is provided below for your reference.

Summary of Fees (effective July 1, 2016)

Account Setup Fee: \$200 per facility

Frequency Coordination Fees

608-614 MHz: \$25 per transmitter/access point (MIN \$500/MAX \$2000)

1395-1400 MHz: \$25 per transmitter/access point (MIN \$500/MAX \$2000)

1427-1432 MHz: \$35 per transmitter/access point (MIN \$500/MAX \$2800)

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

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



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