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WiMAX 3.65 GHz
Registering for FCC Approval
Step-by-Step Guide

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Expanding your broadband horizons

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Obtaining a License

The FCC issues an unlimited number of non-exclusive nationwide licenses to non-Federal entities for the 50 megahertz of spectrum allocated for commercial use. These licenses are a prerequisite for registering individual fixed and base stations however mobile and portable stations do not require a separate license and are not required to be registered in the Universal Licensing System (ULS). ULS is an electronic filing system and information tool that simplifies the application and licensing processes through a secure world-wide access via the Internet.

The FCC lists the following four steps to obtain permission to operate a fixed and base station:

1. Obtain a nationwide, non-exclusive license using ULS.
2. Before registering a station, examine ULS for nearby stations.
3. Obtain FCC-certified equipment (fixed, base and mobile equipment operating in the band must incorporate a “contention-based protocol”).
4. Register each fixed base station using ULS. The fee is \$210.00.

The 3650-3700 MHz band contains three Federal grandfathered, radiolocation stations as well as non-Federal incumbent licenses in the fixed satellite service (FSS). The registration process helps protect grandfathered, incumbent stations from interference. Note that applicants will receive a single license for the entire bandwidth of the 3650 MHz band.

FCC Registration

Prior to applying for a license, an FCC Registration Number (FRN) must be obtained. The simplest way to do this is online, on the FCC’s Registration Systems (CORES).

CORES website link: <https://fjallfoss.fcc.gov/coresWeb/publicHome.do>

Step 1: FCC Registration page

Click on the “Register” button on the left.

The screenshot shows the FCC Registration page. At the top, there is a navigation bar with links for FCC Home, Search, Updates, E-Filing, Initiatives, For Consumers, and Find People. Below this is a banner for 'FCC Registration' with the text 'AMERICA THE BEAUTIFUL'. The main content area is titled 'FCC Registration' and contains the following text: 'If you wish to conduct business with the FCC, you must first register through the FCC’s Commission REgistration System (CORES). Upon registration, you will be assigned a FCC Registration Number (FRN). This number will be used to uniquely identify you in all transactions with the FCC.' Below this text is a link for 'News releases related to the FCC Registration Number.' At the bottom, there is a section titled 'Select one of the following:' with three columns. The first column is 'REGISTER' with a sub-link 'Register and receive your FRN' and a yellow button labeled 'REGISTER'. A red arrow points to this button. The second column is 'UPDATE' with a sub-link 'Update your registration information' and a yellow button labeled 'UPDATE'. The third column is 'SEARCH' with a sub-link 'Search for public FRN information' and a yellow button labeled 'SEARCH'.

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Step 2: Registration type (Business or Individual)

If you file as a business, you are required to submit your company's federal tax number. If you file as an individual, you are required to enter your social security number or taxpayer ID.

The screenshot shows the FCC Registration website. The header includes the FCC logo and navigation links: FCC Home, Search, Updates, E-Filing, Initiatives, For Consumers, Find People. Below the header is a banner with the text 'AMERICA THE BEAUTIFUL'. The main content area is titled 'FCC Registration' and contains a sub-section for 'FRN Registration'. A link 'Return to FCC Registration Home' is visible. The 'Registration Type' form asks: 'Are you registering as a business or as an individual?' with radio buttons for 'A business (e.g., corporation, partnership, government agency, etc.)' (selected) and 'An individual'. It also asks: 'Is your contact address within the United States or its territories?' with radio buttons for 'Yes' (selected) and 'No'. A 'CONTINUE' button is at the bottom of the form.

Step 3: Online form for FRN number

Once the form is complete you will get an FRN number. Be sure to write down the password.

The screenshot shows the 'Register a Domestic Business' form. It includes the following sections and fields:

- Business Type:** Federal Agency (dropdown), Subtype: Administration (dropdown)
- Business Name:** * (text input)
- Employer Identification Number or Taxpayer Identification Number:** (text input)
- Contact Information:**
 - Organization: (text input)
 - Position: * (text input)
 - Salutation: (dropdown)
 - First Name: (text input)
 - Middle Initial: (text input)
 - Last Name: (text input)
 - Suffix: (text input)
- Address:**
 - Address Line 1: * (text input)
 - Address Line 2: (text input)
 - City: * (text input)
 - State: * (dropdown menu showing ALABAMA)
 - Zip Code: * (text input)
 - Phone: * (text input with ext. field)
 - Fax: (text input)
 - Email: (text input)
- FRN Password:**
 - Enter a 6- to 15-digit case-sensitive password of your choice, or leave both password fields blank if you would like the system to generate a password for you. [For advice on how to choose a secure password, click here.](#)
 - Password: (text input)
 - Re-enter Password: (text input)
- Personal Security Question:**
 - Please select a Personal Security Question type and provide its corresponding answer. If you wish to provide your own question, please select **Custom Question Type...** from the dropdown and enter your custom question in the space provided.
 - Personal Security Question: * (dropdown menu)
 - PSQ Answer: * (text input)
 - Custom Personal Security Question: (text input)

A 'SUBMIT' button is located at the bottom of the form. A note at the bottom states: 'Asterisks (*) indicate required fields.'

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Step 4: Choose a Destination: ULS License Manager or ASR Online Filing

A screen with the information you entered in step 3 will appear, along with the FRN number assigned to you. It is a good idea to print the page and/or write down the FRN number. Next, click on the link "FCC Universal Licensing System." Select ULS License Manager. The ASR Online Filing link is to register base station sites.

Choose a Destination

ULS License Manager
Proceed to ULS License Manager

ASR Online Filing
Proceed to ASR Online Filing

Step 5: License Manager

Log in using the FRN number and password provided in Step 3.

FCC Federal Communications Commission

License Manager

FCC > Wireless > Licensing > Online Systems > License Manager

Log In

Log in to the License Manager to view and manage your licenses and applications, apply for a new license, and perform other license and application management tasks based on your FCC Registration Number (FRN). 10-digit FRN is required.

FCC Registration Number

Password

- ▶ **Forgot your password?** [Contact Tech Support](#)
- ▶ **Need an FRN?** [Register with the FCC](#)
- ▶ **Not sure if you have an FRN?** [Check your licenses](#) to determine if they've been assigned an FRN
- ▶ **Are you a certified Land Mobile frequency coordinator?** [Log in](#) using your coordinator login and password

About the FCC Registration Number (FRN)

An FRN is a 10-digit number that is assigned to a business or individual registering with the FCC. This unique FRN is used to identify the registrant's business dealings with the FCC. The FCC will use the FRN to determine if all of a registrant's fees have been paid. You are encouraged to register with the Commission as soon as you expect to do business with the FCC. This way, you will be ready to access any of the electronic licensing systems without having to go through the registration process at the time you submit an application.

For more information, see [Public Notice DA 01-2452](#).

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Step 6: Select Service

Scroll down and choose “NN – 3650-3700 MHz”

The screenshot shows the 'License Manager' interface for the FCC. The main heading is 'Apply for a New License' and the sub-heading is 'Select Service'. Below this, it says 'Select the radio service for the new license.' A dropdown menu is open, showing a list of radio services. The service 'NN - 3650-3700 MHz' is selected and highlighted in blue. To the right of the dropdown is a 'CONTINUE' button. On the right side of the page, there is a 'Steps' sidebar with 'Radio Service' selected, and a 'Common Questions' section with links for help.

Step 7: Application Information

Fill out the form.

The screenshot shows the 'Applicant Information' section of the FCC License Manager. It contains several sections for data entry:

- Applicant Entity Type and Name:** Includes fields for 'Legal Entity Type', 'Name' (with sub-fields for First, MI, Last, Suffix), 'Legal Entity Name', and 'Attention To'.
- Address:** Includes fields for 'P.O. Box', 'Street Address', 'City', 'State', 'ZIP Code', 'Phone', 'Fax', and 'Email'.
- Real Party in Interest:** Includes fields for 'Name of Real Party in Interest' (with a note '(if different from Applicant)'), and 'FCC Registration Number (PRN) of Real Party in Interest' with a 'Search COBES' link.
- Demographics (optional):** Includes a 'Race' section with checkboxes for American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian/Pacific Islander, and White. It also has 'Ethnicity' and 'Gender' dropdown menus.

 A 'CLEAR' button is located at the bottom left of the form.

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Step 8: Contact Information

Fill out the form.

Contact Information

PRE-FILL Click if Contact information is the same as that for Applicant information.

Contact Name

Name: First MI Last Suffix

Entity Name:

Attention To:

Address

P.O. Box:

Street Address:

City:

State:

ZIP Code:

Phone:

Fax:

Email:

CLEAR

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CONTINUE ▶

Step 9: Application Information – Fee Exemptions, Rule Waivers, Attachments, Renewal

Most applicants will answer “No” for the exemption and waiver questions. The “Renewal Date” can be ignored, as all 3.65GHz licenses are ten year terms.

Application Information

Fee Exemptions

Is the applicant exempt from FCC application fees?

Is the applicant exempt from FCC regulatory fees?

Rule Waivers

Does this application request a Waiver of the Commission's Rules?

Note: If 'Yes', attach an exhibit providing rule number(s) and explaining the circumstances.

How many rule section(s) are requested to be waived?

Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionality integrated with an existing station?

Attachments

Are attachments being filed with this application?

Renewal Date (Optional)

Enter the requested authorization expiration date:

Month Day

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Step 10: Request Type and Market/Channel Block information

Answer the questions regarding the request type.

Application Information

Request Type

If this application is for a Developmental License, Demonstration License, or a Special Temporary Authorization (STA), select the appropriate type and attach the required exhibit as described in the instructions. Otherwise, the request is considered Regular.

Regular

If this application is for Special Temporary Authority due to an emergency situation, select 'Yes'; otherwise select 'No'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.

Market/Channel Block Information

Market Designator	Market Name	Channel Block
Nationwide	Nationwide	3650-3700 MHz

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Step 11: Regulatory Status and Type of Radio Service

Select the type of radio service.

General Information

Regulatory Status

This filing is for authorization to provide or use the following type(s) of radio service offering (choose all that apply):

- Common Carrier
 Non-Common Carrier
 Private, internal communications

Type of Radio Service

This filing is for authorization to provide the following type(s) of radio service (choose all that apply):

- Fixed
 Mobile

Interconnection

Does applicant propose to provide interconnected service to the public switched telephone network?

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Steps

- 1 Applicant Information
- 2 Contact Information
- ▶ **Application Information**
- 4 General Information
- 5 Alien Ownership Information
- 6 Basic Qualification Information
- 7 Summary
- 8 Certification

Steps

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Step 12: Alien Ownership Information

Answer questions regarding foreign entity status.

Alien Ownership Information

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?

Is the applicant an alien or the representative of an alien?

Is the applicant a corporation organized under the laws of any foreign government?

Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

If the answer to the above question is 'Yes', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?

Note: If the answer is 'No', attach to this application a date-stamped copy of a request for a foreign ownership ruling pursuant to Section 310(b)(4) of the Communications Act.

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Step 13: Basic Qualification Information

Answer questions regarding legal status/history.

Basic Qualification Information

Basic Qualification Questions

Has the applicant or any party to this application had any FCC station authorization, license, or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?

Has the applicant or any party to this application, or any party directly or indirectly controlling the applicant, ever been convicted of a felony by any state or federal court?

Has any court finally adjudged the applicant or any party directly or indirectly controlling the applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?

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Step 14: Summary

You will now be able to review all your information to make sure it is complete and accurate. If necessary, you can make changes. The total fees (\$210.00) will also be displayed. If everything looks right, click on “continue to certify.”

Summary

Use the edit capabilities to review your application to confirm that it is complete and accurate. Correct information as necessary. Once you are confident that the application is ready for certification and submission, click on the “Continue to Certify” button below. Please review the [FCC 601 Privacy Act](#) before submitting this application.

Applicant Information

[EDIT](#)

Total Fees
\$210.00

Select Edit to review and correct information
 Davis, Dave
 Attn: Dave Davis
 150 Cardinal Place
 Alabama, NY 14003

P: (403)955-7075
 F:
 E: dave.davis@vecima.com

Contact Information

[EDIT](#)

Select Edit to review and correct information
 Dave Davis
 Attn: Dave Davis
 150 Cardinal Place
 Alabama, NY 14003

P: (403)955-7075
 F:
 E: dave.davis@vecima.com

Application Information

[EDIT](#)

Select Edit to review and correct information

General Information

[EDIT](#)

Select Edit to review and correct information

Alien Ownership Information

[EDIT](#)

Select Edit to review and correct information

Basic Qualification Information

[EDIT](#)

Select Edit to review and correct information

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Step 15: Certification

This is the last step. Read carefully as this is a binding agreement. Once submitted, the payment page appears and you will be able to print the application.

Certification

General Certification Statements

- 1 The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
- 2 The applicant certifies that grant of this application would not cause the applicant to be in violation of any pertinent cross-ownership or attribution rules.
Note: If the applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
- 3 The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
- 4 The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §501 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR § 1.2002(c). See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of “party to the application” as used in this certification.
- 5 The applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission’s rules.
- 6 The applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 CFR § 1.1307(b); or (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 CFR 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
- 7 The applicant certifies that it has reviewed the appropriate Commission rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).
- 8 The applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.

Signature

Name of Party Authorized to Sign.

Name: First MI Last Suffix

Title:

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID. Upon grant of this license application, the licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a) (1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

[SUBMIT APPLICATION](#)

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- ▶ **Certification**