



RedSky-Cisco Emergency Responder (CER) Interface Control Guide

Version 2.0
December 2023

RedSky Technologies, Inc.

2023

Printed in the USA.

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Introduction

About Us

RedSky Technologies is the leading provider of on-premise and cloud-based E911 solutions. In 1999, we developed and patented the first automated software application to manage 911 location data. As technology has evolved, we have kept pace with emerging voice technology to meet the requirements of modern enterprises. Our E911 enterprise-class software is used by 50 of the Fortune 500 companies. Using state-of-the-art software development languages and frameworks, our solutions are designed to run in the most secure enterprise, government, and virtual environments.

RedSky Technologies was recently acquired by [Everbridge](#), however, RedSky remains a wholly owned subsidiary of Everbridge, still doing business as RedSky Technologies, Inc., An Everbridge Company. Everbridge is a public company (NASDAQ: EVBG) that is incorporated in the United States (U.S.) and headquartered in Boston, MA. Everbridge has a long history of supporting enterprise customers and offers an industry-leading mix of Critical Event Management and Enhanced 9-1-1 capabilities.

Scope

Overview

This Interface Control Document details the technical aspects of the integration between **RedSky's E911 Anywhere®** and **Cisco Emergency Responder (CER) Servers**. E911 Anywhere is a cloud-based network services that routes emergency calls in the USA and Canada, sends detailed location information of the caller to emergency dispatchers at the Public Safety Answering Points (PSAPs), and notifies on-site personnel of the 911 calls in progress.

Point of Contact

To submit recommendations for comments and changes to this manual please contact us at:

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Solution Overview

The integration between Cisco Emergency Responder and E911 Anywhere can be broken down into two steps:

1. Synchronizing the data from CER.
2. Delivering the 911 call to E911Anywhere over **Session Initiation Protocol (SIP)** or **Public Switched Telephone Network (PSTN)** trunking.

The first step is to synchronize automatic location information (**ALI**) data configured in CER to E911 Anywhere, including **Emergency Location Identification Numbers (ELINs)**, **Civic Addresses**, and **Emergency Response Locations (ERLs)**. Cisco CER requires a client-side certificate for mutual authentication with the E911 Anywhere integration. The RedSky server (anywhere.e911cloud.com) trusts the certificate authority (CA) installed internally at RedSky, and this CA is utilized to generate client-side certificates used for mutual authentication. Once the client certificate is uploaded to CER, the **National E911 Service Provider Voice User Interface (VUI)** feature is enabled and allows CER to push ALI records directly to E911 Anywhere.

CER sends location information over **port 443 (TCP)**, to a specific VUI URL, over a secure SSL connection. A company ID (provided by RedSky) is sent with the ALI update and is used to correlate the data with a specific tenant. The ALI records are then updated in E911 Anywhere for that organization.

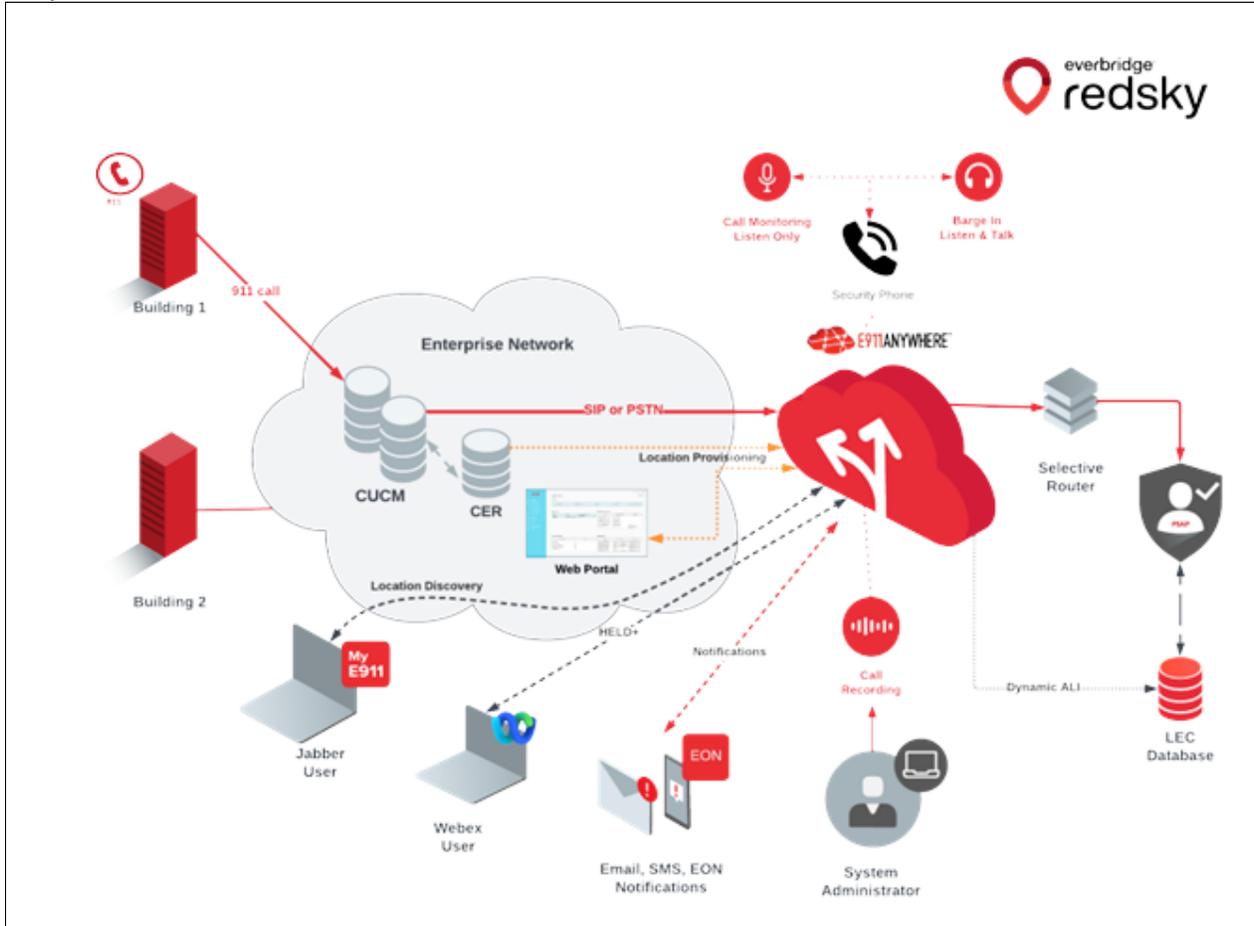
If routing calls via SIP trunk, RedSky provides the customer with the public-facing IP addresses of redundant SIP gateways, and the customer provides RedSky with the public IP address the SIP traffic is coming from, the transport method (TCP/UDP/TLS). RedSky uses this information to whitelist SIP traffic coming from the customer.

If routing calls via PSTN trunk, RedSky provides the customer with a 10-digit DID which emergency calls will be routed to. End users still dial 911, but **Cisco Unified Communications Manager (CUCM)** performs a called party transformation mask to dial out to the phone number that RedSky provides.

In either routing method, RedSky looks at the caller ID, attempts to find a matching ELIN within our database, and upon finding a match will route the call to the appropriate PSAP based on the civic address associated with the ELIN. The

customer needs to ensure that when the 9-1-1 dial pattern is used, the call is routed to RedSky using one of the routing methods above.

Additionally, RedSky offers the capability to support softphone users with MyE911 or directly through the **Webex client application interface** and **HTTP-enabled Location Delivery (HELD+)**. Notifications of the emergency call can be delivered via SMS text, email, or screen pop alerts with **Enhanced Notifications**. Call Monitoring, call recording, and call bridging are also available to security personnel as part of the Enhanced Notifications.



Synchronizing ALI Data to E911 Anywhere

E911 Anywhere directly integrates with Cisco Emergency Responder. Protocols and ports used by E911 Anywhere must have IP connectivity to the Cisco Emergency Responder. If a firewall is between Cisco Emergency Responder and E911 Anywhere, then ports must be opened to allow communication. Additionally, DNS must be configured on the CER server, and able to resolve [https:// anywhere.e911cloud.com](https://anywhere.e911cloud.com).

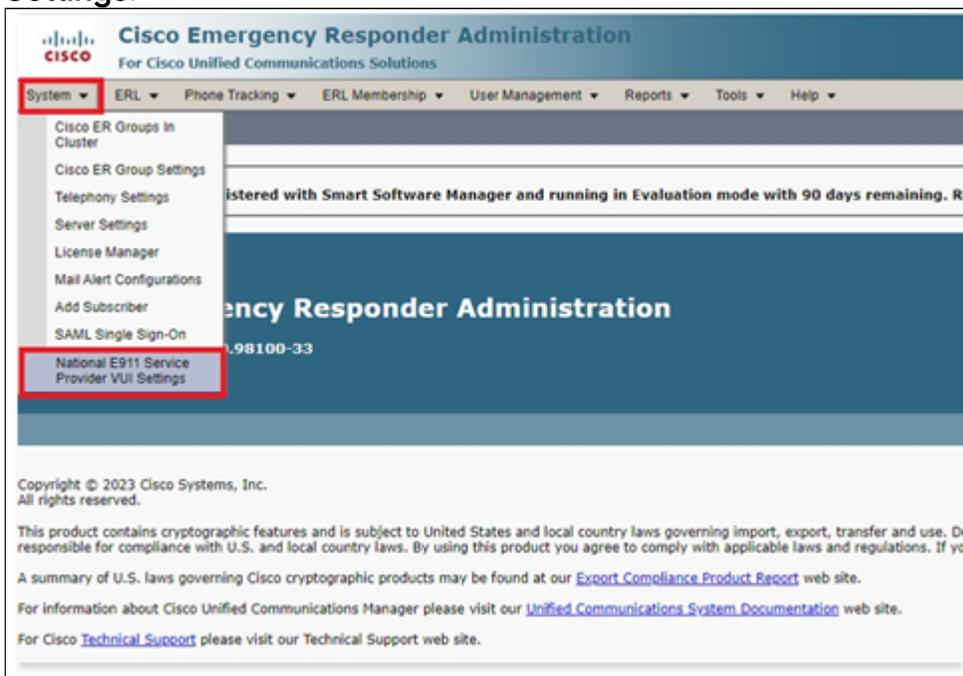
Port Requirements

SSL	TCP	443	Port opened on a firewall that is used for communication between CER & E911 Anywhere, which resides in the cloud.
SIP	TLS/TCP/UDP	5060-5061	SIP signaling for call routing to E911 Anywhere.

Configuring National E911 Service Provider VUI Settings

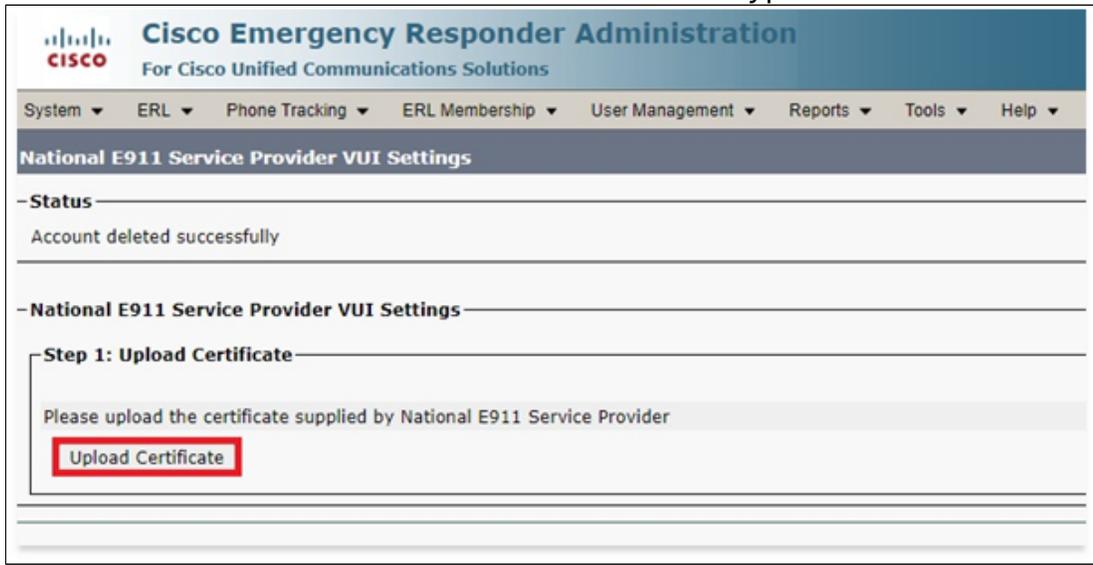
RedSky will provide the certificate to the customer to install on the Cisco Emergency Responder Server. In order to configure the National E911 Service Provider VUI, the customer must upload the RedSky National E911 Provider Certificate, test and validate the VUI, and connect their E911Anywhere account to receive ALI data.

1. After logging into CER, go to **System > National E911 Service Provider VUI Settings**.



2. Under **Step 1: Upload Certificate**, upload the **redsky.bcfks** file by clicking on the **Upload Certificate** button. This certificate file is provided by RedSky during implementation.

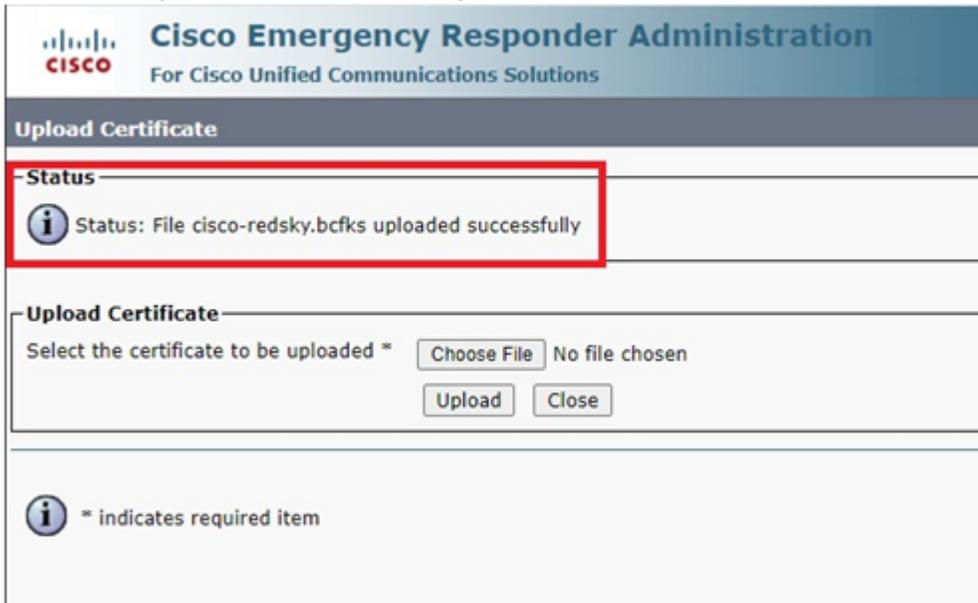
- Note: Cisco transitioned to the .bcfks certificate type with CER v14.0.



- Select **Choose File** and upload the RedSky National E911 Provider VUI Certificate.



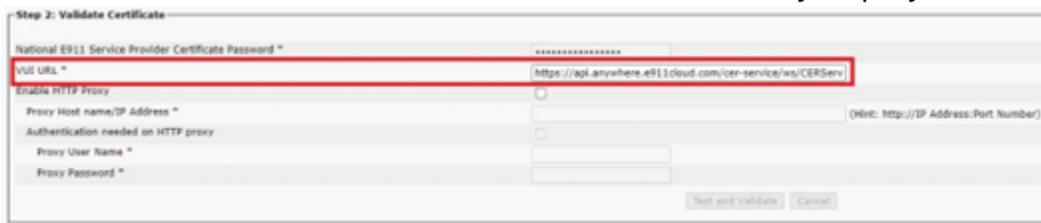
- Once uploaded, you should receive a status message stating the certificate has been uploaded successfully.



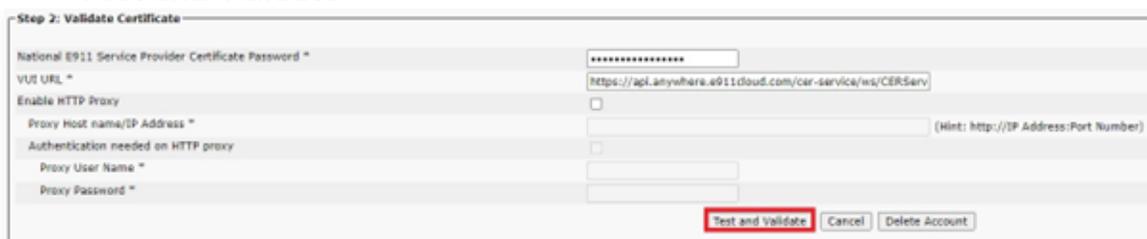
- Under **Step 2**, enter the National E911 Provider Certificate Password. This should be part of the certificate file provided by RedSky.



- Next, enter <https://api.anywhere.e911cloud.com/cer-service/ws/CERService> into the VUI URL field.
 - Note: the VUI URL will be different for Horizon Mobility deployments.



- Click **Test and Validate**.



- Once complete, you should receive a status message stating the certificate was updated and validated successfully.



- Under **Step 3: Configure Account Details**, start by entering “VUI.xsd” to the VUI Schema URL field.



- Next, you will need to obtain the **CER Account ID** from E911 Anywhere. Log into E911 Anywhere and copy the **CER Account ID** from the **IDs and Access Codes** section of the dashboard.



- Enter the **CER Account ID** in the **National E911 Service Provider Account ID Field**.



- If MyE911 will be used to allow remote users to update their location, set the **MyE911 for Location Updates** flag to **true**.

Step 3: Configure Account Details

VUI Schema URL *

National E911 Service Provider Account ID * [Test Connectivity](#)

Max VUI Connections *

MyE911 for Location Updates *

- Click **Update**.

Step 3: Configure Account Details

VUI Schema URL *

National E911 Service Provider Account ID * [Test Connectivity](#)

Max VUI Connections *

MyE911 for Location Updates *

- Upon receipt of the **Update Successful** status message, you can test connectivity to E911 Anywhere by clicking **Test Connectivity**.

Step 3: Configure Account Details

VUI Schema URL *

National E911 Service Provider Account ID * [Test Connectivity](#)

Max VUI Connections *

MyE911 for Location Updates *

The **Test Results** section should display the following:

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Test National E911 Service Provider Connectivity

Test Results

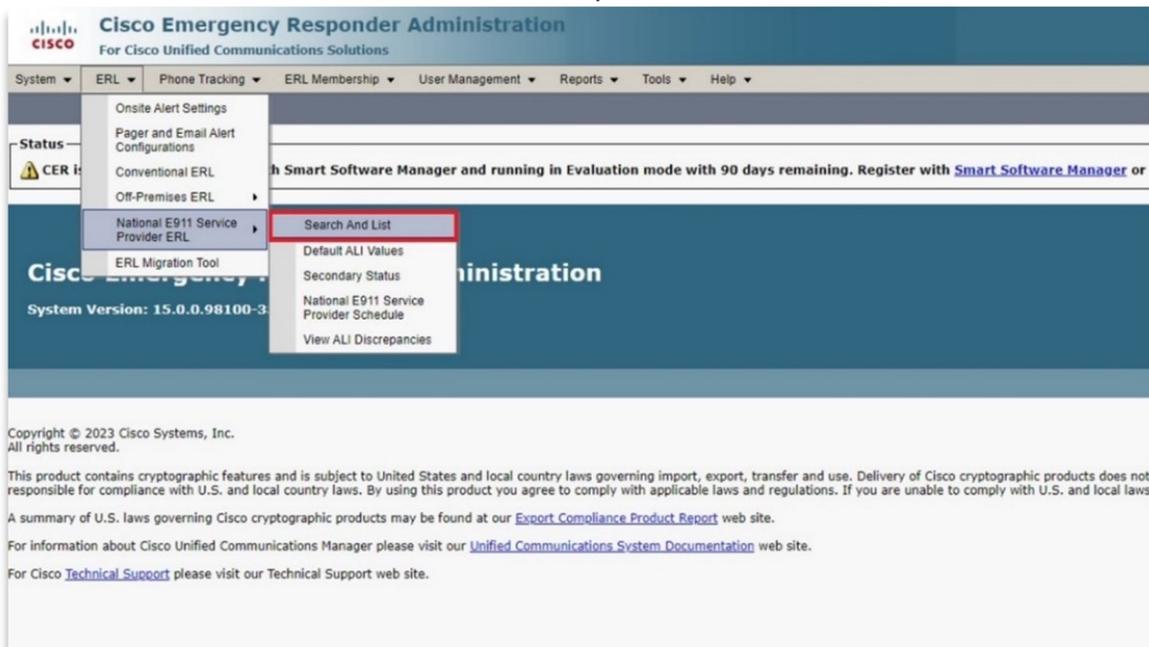
Connection succeeded.

Response code = 200
Response from server: OK

Add National E911 Service Provider ERL

To establish an ALI record in E911 Anywhere, you must start by adding a **National E911 Service Provider Emergency Response Location (ERL)** record. A National E911 Service Provider ERL is simply an Emergency Location Identification Number (ELIN) assigned to an emergency location. These records can be populated to E911 Anywhere for dynamic updates to the ALI database.

1. Select **Search and List** from the ERL dropdown menu.



2. Select Add New ERL.

The screenshot displays the Cisco Emergency Responder Administration web interface. At the top, the Cisco logo and the text "Cisco Emergency Responder Administration For Cisco Unified Communications Solutions" are visible. Below this is a navigation menu with items: System, ERL, Phone Tracking, ERL Membership, User Management, Reports, Tools, and Help. The main content area is titled "Find National E911 Service Provider ERL Data". It includes a "Status" section showing "Ready". Below that is the "ERL Search Parameters" section, which contains a search form with a dropdown for "ERL Name", a dropdown for "contains", a text input field, a "Find" button, and a "show 20 items per page" option. At the bottom of the search section, there is a sub-section titled "ERL" with the text "No active query". Underneath, there are three buttons: "Add New ERL" (which is highlighted with a red box), "Level of service", and "Bulk TN Update". The rest of the page is a large, empty white space.

3. Enter an ERL Name.

The screenshot displays the 'Cisco Emergency Responder Administration' interface for 'For Cisco Unified Communications Solutions'. The main heading is 'Add New ERL'. The form is organized into several sections:

- ERL Settings:** Contains the 'ERL Name *' field, which is highlighted with a red box and contains the text 'RedSky Headquarters'. Below it is the 'Description' field.
- ELIN Settings:** Includes a 'Route/Translation pattern' dropdown menu (currently showing '-----Select-----'), an 'ELIN' text input field, and three buttons: 'Add', 'Update', and 'Remove'. To the right is a large empty list box.
- Onsite Alert Settings:** Features two list boxes: 'Available Onsite Alert IDs' and 'Onsite Alert IDs for the ERL'. Between them are 'Add' and 'Remove' buttons.
- ERL Address:** Contains 'ALI Details' with an 'Add ALI' button, a 'Time Zone' dropdown menu (currently showing '---Not Selected---'), and a 'Get level of service' button.
- Level of service:** Includes a 'Level of service' text input field and a 'Get level of service' button.

At the bottom of the form, there are three buttons: 'Insert', 'Cancel Changes', and 'Close'. A small information icon (i) is followed by the text '* indicates required item'.

4. Select the **Route/Translation pattern**, enter the **ELIN**, and click **Add**.

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Add New ERL ?

ERL Settings

ERL Name *

Description

ELIN Settings

Route/Translation pattern **Add**

ELIN

Onsite Alert Settings

Available Onsite Alert IDs Onsite Alert IDs for the ERL

ERL Address

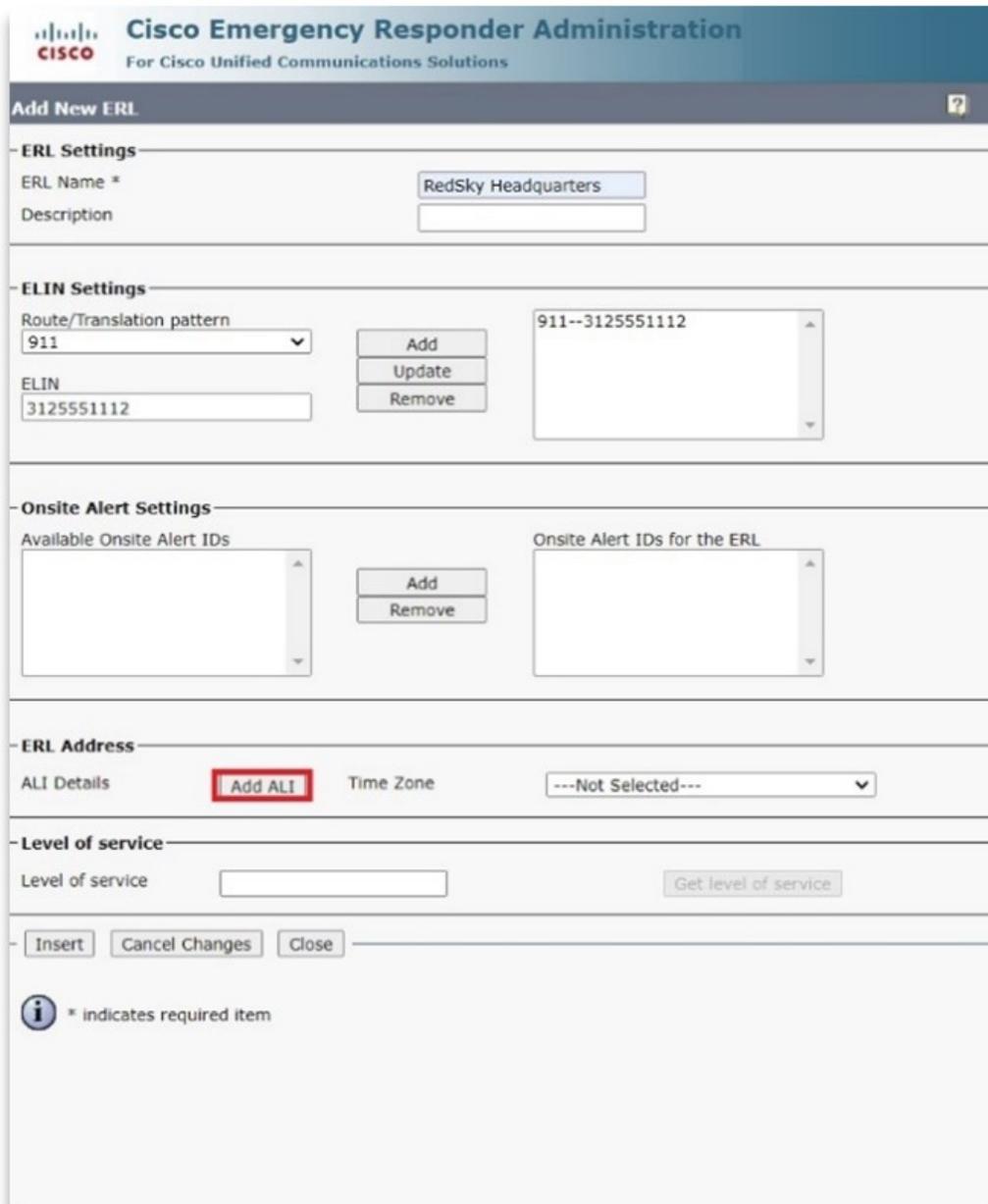
ALI Details Time Zone

Level of service

Level of service

i * indicates required item

5. Next, fill out the ALI record. Click **Add ALI**.



Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Add New ERL

ERL Settings

ERL Name *

Description

ELIN Settings

Route/Translation pattern

ELIN

Onsite Alert Settings

Available Onsite Alert IDs

ERL Address

ALI Details Time Zone

 * indicates required item

6. Fill out the ALI record with the appropriate information. By default, the **Location Information** will be used for the **Location Name**. The **Comments** field can be used to create a unique Location Name. For additional information,

refer to the CER ALI Field Mapping in the Appendix.


Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Enter ALI Information ?

Query from National E911 Service Provider
Pre-validate from National E911 Service Provider

Show upto records at a time (for MSAG Query results)

Query National E911 Service Provider for MSAG details

House Number **	<input type="text" value="333"/>	House Number Suffix	<input type="text"/>
Street Name ***	<input type="text" value="Michigan"/>	Prefix Directional	<input type="text" value="N"/>
Street Suffix	<input type="text" value="St"/> --Select one--	Post Directional	<input type="text"/>
Community Name **	<input type="text" value="Chicago"/>	State ***	<input type="text" value="IL"/>
Main NPA	<input type="text"/>		
Class Of Service *	<input type="text" value="VoIP Default"/>	Type of Service *	<input type="text" value="Non-Pub"/>
Exchange	<input type="text"/>	Customer Name *	<input type="text"/>
Order Number	<input type="text"/>	Extract Date	<input type="text" value="121223"/>
County ID	<input type="text"/>	Company ID *	<input type="text" value="10001"/>
Zip Code *	<input type="text" value="60601"/>	Zip Code Extension	<input type="text"/>
Customer Code *	<input type="text" value="911"/>	Comments	<input type="text" value="RedSky Headquarters"/>
Longitude	<input type="text"/>	Latitude	<input type="text"/>
Elevation	<input type="text"/>	TAR Code	<input type="text"/>
Location	<input type="text"/>	Reserved (for Company use)	<input type="text"/>

i * indicates required item for updating ALI info only

i ** indicates required item for updating ALI info and MSAG Pre-validation

i *** indicates required item for updating ALI info, MSAG Pre-validation and MSAG Query

Save and Close
Cancel Changes
Close

7. Save and Close the window. The **ALI Details** should reflect a **Configured** status.

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Add New ERL

ERL Settings
ERL Name *
Description

ELIN Settings
Route/Translation pattern
ELIN

Onsite Alert Settings
Available Onsite Alert IDs
Onsite Alert IDs for the ERL

ERL Address
ALI Details Time Zone

Level of service
Level of service

* indicates required item

8. Select **Insert**. You can view the configured ERL in the **ERL Data** page.

Cisco Emergency Responder Administration

Navigation: Cisco ER Administration | Logged in as: admin

System | ERL | Phone Tracking | ERL Membership | User Management | Reports | Tools | Help

Find National E911 Service Provider ERL Data Export Import

Status: Ready

ERL Search Parameters: Find National E911 Service Provider ERL where ERL Name contains Find and show 20 items per page

ERL (1 - 1 of 1)										
Add New ERL Level of service Bulk TN Update										
<input type="checkbox"/>	ERL Name	Route/Translation Pattern--ELIN	Onsite Alert Ids.	Street Name	Community Name	State	Edit	Copy	Delete	Audit Trail
<input type="checkbox"/>	RedSky Headquarters	911--3125551212		Michigan	Chicago	IL				view...

Add New ERL | Level of service | Bulk TN Update Go 1 of 1

Migrating Conventional ERLs

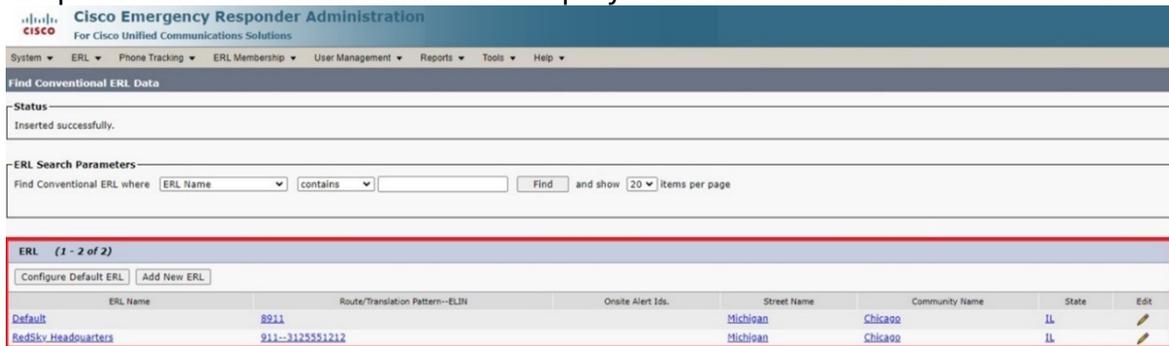
In order for ERLs record to be pushed into E911 Anywhere, Conventional ERLs must first be migrated into National E911 Service Provider ERLs. The **ERL Migration Tool** can be used to perform a bulk migration of Conventional ERLs to National E911 Service Provider ERLs.

Bulk pushing of National E911 Service Provider ERLs can also be scheduled by going to the **ERL > National E911 Service Provider ERL > National E911 Service Provider ERLs** tab.

1. The details of the pushed National E911 Service Provider ERLs can be tracked in CER by going to **Reports > ERL Audit Trail**. The information will provide the details as to whether the ERL pushed successfully or failed and the reason. Select **ERL Migration Tool** from the **ERL** dropdown menu.



2. In the **ERL Search Parameters** field, select **Conventional ERL** from the dropdown list and click **Find**. This displays all conventional ERLs within CER.



3. Once the Conventional ERLs are displayed, click the checkbox next to each ERL to be migrated to National E911 Service Provider ERL. Click **Migrate to**

National E911 Service Provider ERL.

The screenshot shows the Cisco Emergency Responder Administration interface. At the top, it says "Cisco Emergency Responder Administration For Cisco Unified Communications Solutions". Below that is a navigation menu with options like System, ERL, Phone Tracking, ERL Membership, User Management, Reports, Tools, and Help. The main content area is titled "ERL Migration Tool" and shows a "Status" section with "Ready". Below that is an "ERL Search Parameters" section with a search bar and a "Find" button. At the bottom, there is a table with one row for "National E911 Service Provider (1 - 1 of 1)". The table has columns for "ERL Name" and "Migrate to National E911 Service Provider ERL". The "ERL Name" is "RedSky_Headquarters" and the "Migrate to National E911 Service Provider ERL" button is highlighted with a red box.

- The **Route/Translation pattern** is the pattern configured in CUCM to route emergency calls to E911Anywhere. Route/Translation patterns must be configured separately under **System > Telephony Settings** from the main menu. Select **911** in the **Route/Translation pattern** dropdown.

The screenshot shows the Cisco Emergency Responder Administration interface. At the top, it says "Cisco Emergency Responder Administration For Cisco Unified Communications Solutions". Below that is a navigation menu with options like System, ERL, Phone Tracking, ERL Membership, User Management, Reports, Tools, and Help. The main content area is titled "Enter values for ERL Migration" and shows a "Status" section with "Ready". Below that is an "ERL Settings" section with three dropdown menus: "Route/Translation pattern" (set to "911"), "Class Of Service" (set to "VoIP Default"), and "Type of Service" (set to "Non-Pub"). The "Route/Translation pattern" dropdown is highlighted with a red box. At the bottom, there is a "Migrate to National E911 Service Provider ERL" button and a "Close" button.

- The **Class of Service** defines the class of service for the CPN such as residential, business, VoIP. **VoIP Default** should be selected.

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Enter values for ERL Migration

Status
Ready

ERL Settings

Route/Translation pattern	911
Class Of Service	VoIP Default
Type of Service	Non-Pub

Migrate to National E911 Service Provider ERL Close

- The **Type of Service** defines the type of service for the Calling Party Number (CPN), such as FX in 911 area or Non-Pub. Select **Non-Pub** from the dropdown.

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

Enter values for ERL Migration

Status
Ready

ERL Settings

Route/Translation pattern	911
Class Of Service	VoIP Default
Type of Service	Non-Pub

Migrate to National E911 Service Provider ERL Close

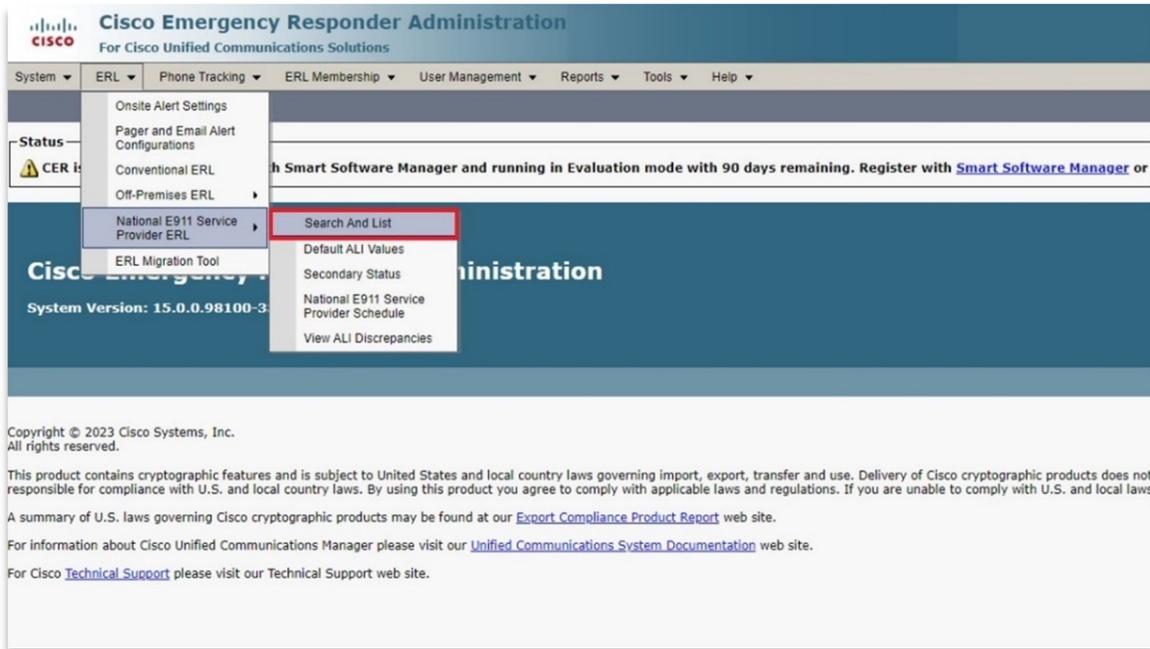
7. Click on **Migrate to National E911 Service Provider ERL** and close the window. You should receive a **Migrated ERLs successfully** status message.

The screenshot displays the Cisco Emergency Responder Administration web interface. At the top, the Cisco logo and the text "Cisco Emergency Responder Administration For Cisco Unified Communications Solutions" are visible. Below this is a header bar that says "Enter values for ERL Migration" with a help icon. The main content area is divided into sections: "Status" showing "Ready", and "ERL Settings" which includes three dropdown menus: "Route/Translation pattern" set to "911", "Class Of Service" set to "VoIP Default", and "Type of Service" set to "Non-Pub". At the bottom of the interface, there is a button labeled "Migrate to National E911 Service Provider ERL" which is highlighted with a red rectangular box, and a "Close" button next to it.

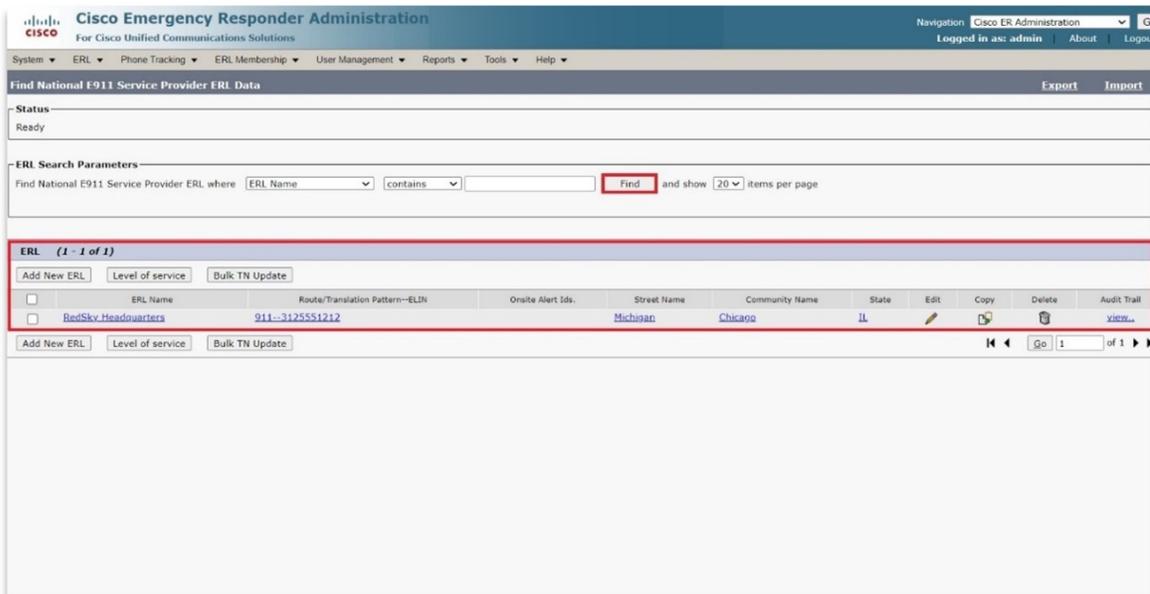
Pushing ERL Records into E911 Anywhere

Once you have successfully migrated your Conventional ERLs to National E911 Service Provider ERLs, you may start pushing the ERL records in to E911Anywhere.

1. Select **Search and List** from the **National E911 Service Provider ERL** menu.



2. Click **Find** to see a list of National E911 Service Provider ERLs.



- Click the **Edit** icon to validate the ERL information. Ensure that the Route Pattern and ELIN were added correctly.

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

ERL Information for RedSky Headquarters

ERL Settings

ERL Name * **RedSky Headquarters**

Description

ELIN Settings

Route/Translation pattern
-----Select-----

ELIN

Buttons: Add, Update, Remove

911--3125551212

Onsite Alert Settings

Available Onsite Alert IDs

Onsite Alert IDs for the ERL

Buttons: Add, Remove

ERL Address

ALI Details Time Zone

Level of service

Level of service

Buttons: Update to National E911 Service Provider, Save, Cancel Changes, Close

- Click **Update ALI Info** after verifying the ERL information.

The screenshot displays the Cisco Emergency Responder Administration interface for RedSky Headquarters. The interface is organized into several sections:

- ERL Settings:** ERL Name * is set to "RedSky Headquarters". The Description field is empty.
- ELIN Settings:** The Route/Translation pattern dropdown is set to "-----Select-----". The ELIN field is empty. A list of ELINs contains "911--3125551212". Buttons for "Add", "Update", and "Remove" are present.
- Onsite Alert Settings:** The Available Onsite Alert IDs list is empty. The Onsite Alert IDs for the ERL list is also empty. Buttons for "Add" and "Remove" are present.
- ERL Address:** ALI Details is "Edit ALI" (highlighted with a red box). Time Zone is "US/Central".
- Level of service:** Level of service is "No Coverage". A "Get level of service" button is present.

At the bottom of the interface, there are buttons for "Update to National E911 Service Provider", "Save", "Cancel Changes", and "Close".

- The Query from National E911 Service Provider and Pre-Validate from National E911 Service Provider buttons are not supported. Verify the ALI

information and select **Update ALI Info**.


Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

ALI Information for RedSky Headquarters ?

Query from National E911 Service Provider
Pre-validate from National E911 Service Provider

Show upto records at a time (for MSAG Query results)

Query National E911 Service Provider for MSAG details

House Number ** <input type="text" value="333"/>	House Number Suffix <input type="text"/>
Street Name *** <input type="text" value="Michigan"/>	Prefix Directional <input type="text" value="N"/>
Street Suffix <input type="text" value="AV"/> --Select one--	Post Directional <input type="text"/>
Community Name ** <input type="text" value="Chicago"/>	State *** <input type="text" value="IL"/>
Main NPA <input type="text"/>	
Class Of Service * <input type="text" value="VoIP Nomadic"/>	Type of Service * <input type="text" value="Non-Pub"/>
Exchange <input type="text"/>	Customer Name * <input type="text" value="10001"/>
Order Number <input type="text"/>	Extract Date <input type="text" value="120723"/>
County ID <input type="text"/>	Company ID * <input type="text" value="10001"/>
Zip Code * <input type="text"/>	Zip Code Extension <input type="text"/>
Customer Code * <input type="text" value="911"/>	Comments <input type="text" value="RedSky HQ"/>
Longitude <input type="text"/>	Latitude <input type="text"/>
Elevation <input type="text"/>	TAR Code <input type="text"/>
Location <input type="text" value="FL 16 STE 1600"/>	Reserved (for Company use) <input type="text"/>

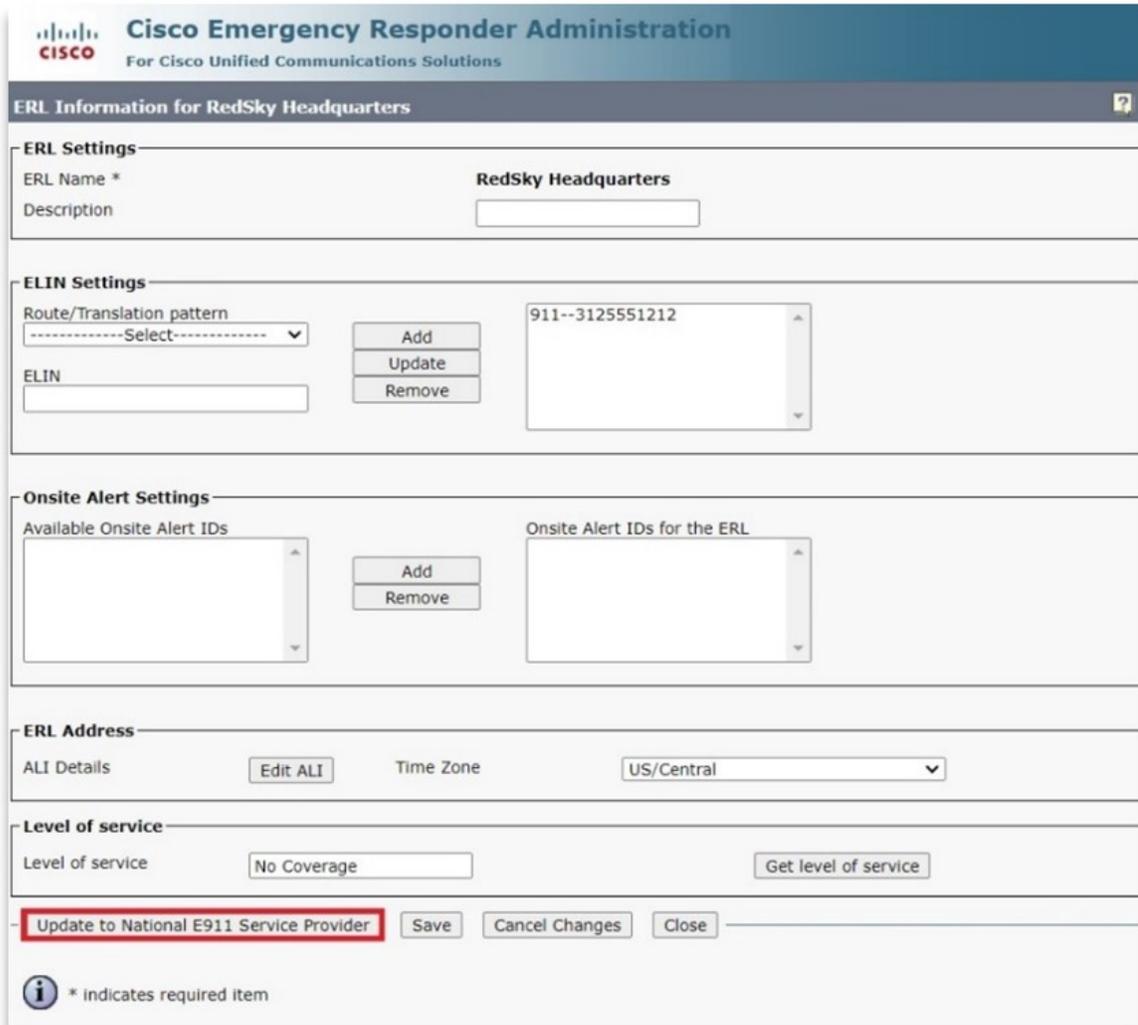
 * indicates required item for updating ALI info only

 ** indicates required item for updating ALI info and MSAG Pre-validation

 *** indicates required item for updating ALI info, MSAG Pre-validation and MSAG Query

Update ALI Info
Cancel Changes
Close

- Click **Update to National E911 Service Provider** to validate and push the record to E911 Anywhere.



Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

ERL Information for RedSky Headquarters

ERL Settings
ERL Name * **RedSky Headquarters**
Description

ELIN Settings
Route/Translation pattern
ELIN

Onsite Alert Settings
Available Onsite Alert IDs Onsite Alert IDs for the ERL

ERL Address
ALI Details Time Zone

Level of service
Level of service

 * Indicates required item

- A response of **SUCCESS** indicates that the record was pushed to E911 Anywhere and that the address was validated.

Cisco Emergency Responder Administration
For Cisco Unified Communications Solutions

ERL Information for RedSky Headquarters

ERL Settings
ERL Name * **RedSky Headquarters**
Description

ELIN Settings
Route/Translation pattern: -----Select-----
Add Update Remove
ELIN:
911--3125551112
SUCCESS(0)

Onsite Alert Settings
Available Onsite Alert IDs:
Add Remove
Onsite Alert IDs for the ERL:

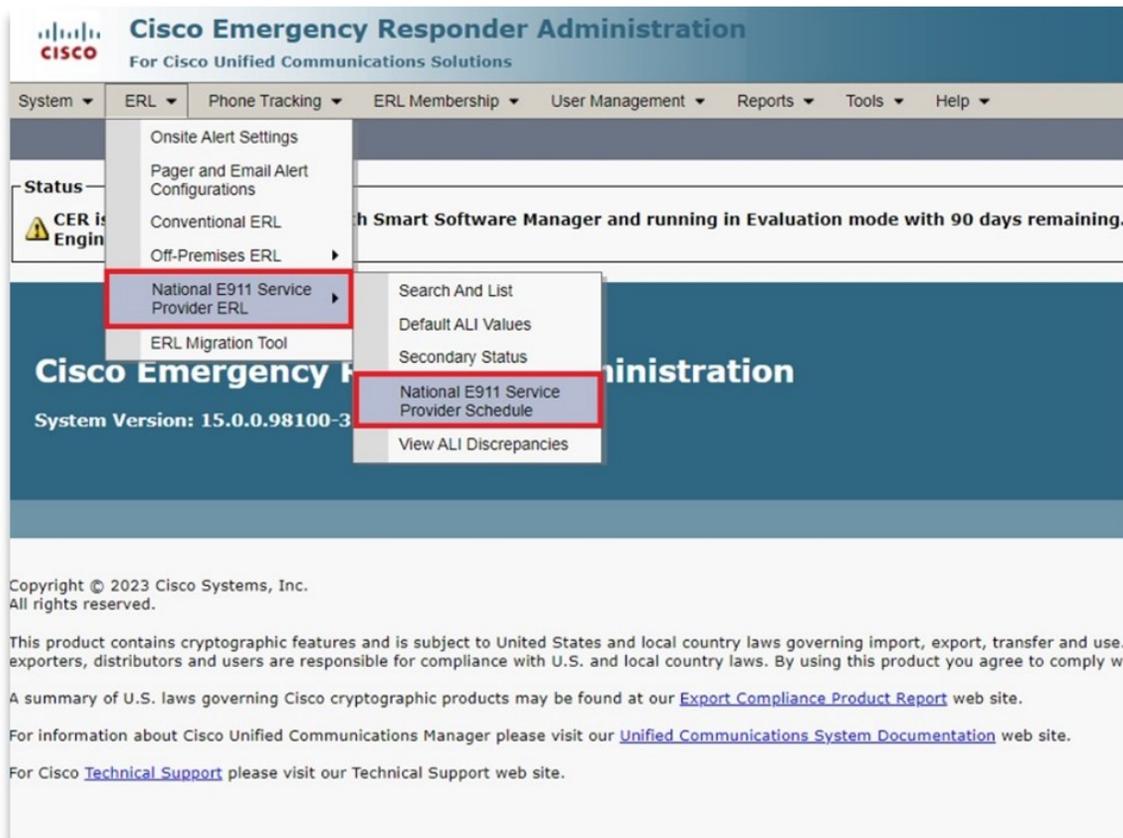
ERL Address
ALI Details Time Zone:

Level of service
Level of service:

National E911 Service Provider Schedule

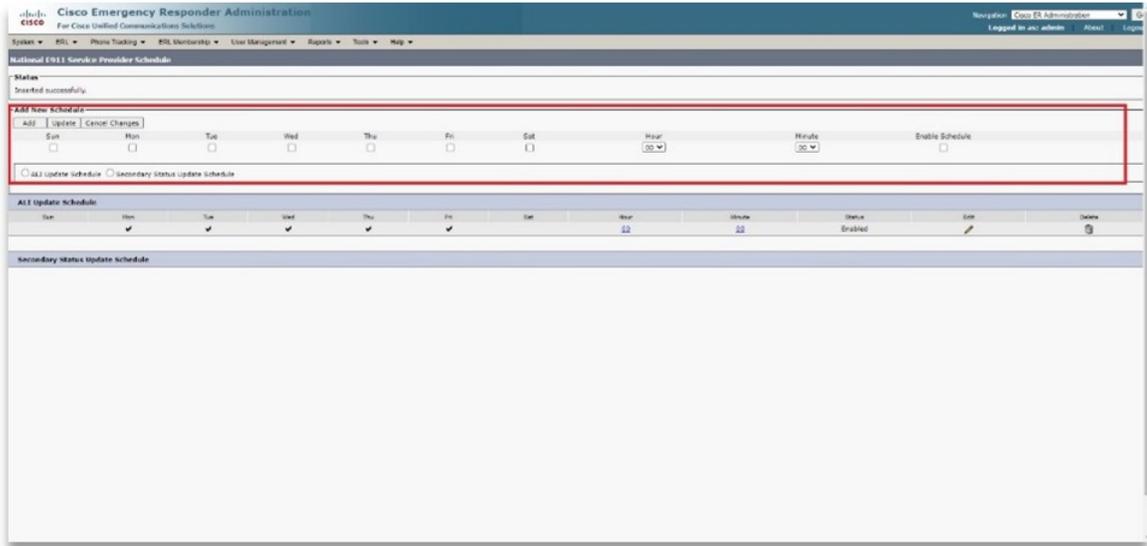
The National E911 Service Provider Schedule page allows you to specify the day of the week and time when ALI update requests are sent to RedSky. It is recommended to run the schedule once per day and outside of business hours due to the added network traffic.

1. Go to **National E911 Service Provider ERL > National E911 Service Provider Schedule**.



2. Select the days of the week and time of day that you want to run the switch port and phone update process. The schedule is based on a 24-hour clock

with 00 hours and 00 minutes equaling midnight.



Verify ERL Records in E911 Anywhere

Log into <https://anywhere.e911cloud.com> with respective user credentials. **ERL Records** will be listed under **Configuration > CER Locations**.

The screenshot shows the 'CER Locations' page in the everbridge redsky interface. The left sidebar contains a navigation menu with 'CONFIGURATION' and 'CER LOCATIONS' highlighted. The main content area features a search bar and a table with the following data:

Location Name ▲	Location Information	Phone Number / Alternate ID	Address	Backend Provider	Details
RedSky HQ	FL 16 STE 1600	(312) 555-1112	333 N Michigan AV, chicago, IL 60601	Comtech	 

Below the table, there are pagination controls: 'Previous', 'Page 1 of 1', '25 rows', and 'Next'.

NOTE: CER Locations cannot be added or edited in the E911 Anywhere portal.

Appendix

CER Field Mapping

Field	Usage
House Number	Required by RedSky
House Number Suffix	Optional
Street Name	Required by RedSky
Street Suffix	Optional
State	Required by RedSky
ZIP Code	Required by RedSky
ZIP Code Extension	Not Used
Community Name	Required by RedSky
County ID	Not Used
Location*	Optional - Used for enhanced location information (e.g., Floor and Room)
Longitude	Not Used
Latitude	Not Used
Elevation	Not Used
Prefix Directional	Optional
Post Directional	Optional
TAR Code	Not Used
Main NPA	Not Used
Customer Name	RedSky-provided Account ID
Customer Code	911
Company ID	RedSky-provided Account ID
Main Telephone No.	Not Used
Order Number	Not Used
Class of Service	VoIP Default
Type of Service	Non-Pub
Reserved	Not Used
Extract Date	Not Used
Exchange	Not Used
Comments	Optional – Used for Location Name in RedSky