

QCT - Emergency Medical Services (EMS)

User Manual (For Domestic Customers)



Table of Contents

Inti	roduction	3
Abo	out this Manual	3
Tec	thnical Overview	3
Log	gging in to Emergency Medical Services Tool	3
4.1	New User Registration – US and US Territories	4
4.1.1	Participating Agreement	11
4.1.2	Permissions Agreement	11
4.2	Existing User Logging In	13
Me	asures	. 14
5.1	Enter Data	15
5.2	Upload Data	19
5.3	Edit Data	22
Aw	ard	. 24
Org	ganization User Management	. 25
7.1	Add User	26
7.2	Delete User	28
7.3	View Log	28
Org	ganization Settings	. 29
8.1	Organization Details	30
8.2	Program Details	33
8.3	Agreement Details	35
	Abo Tec Log 4.1 4.1.1 4.1.2 4.2 Me 5.1 5.2 5.3 Aw Org 7.1 7.2 7.3 Org 8.1 8.2	About this Manual

1 Introduction

Welcome and congratulations on your decision to pursue certification and engage in evidence-based quality improvement efforts with the American Heart Association (AHA).

2 About this Manual

This manual is designed as a reference to provide general knowledge to the End User on QCT – Emergency Medical Services (EMS) tool use, functions, and its operability.

This Manual also covers the elements of EMS including logging in to the tool, navigating the features, and managing your certification or quality improvement program requirements.

3 Technical Overview

The QCT-Emergency Medical Services Tool serves as a portal for maintaining compliance with program requirements, quality measure data entry, and as a general resource for your selected Award. The EMS is specifically designed to enable your organization to:

- Register/Apply for the Emergency Medical Services Award
- Electronically sign your Participating Agreement (contract)
- Submit quarterly quality improvement data to support your program's initiative
- Download your Award Certificate and Marketing Toolkit

4 Logging in to Emergency Medical Services Tool

You can access the EMS tool to engage in AHA certification or quality improvement programs by following the link https://qct.heart.org/.

1. Click on the Sign in/Sign up button from the home page.

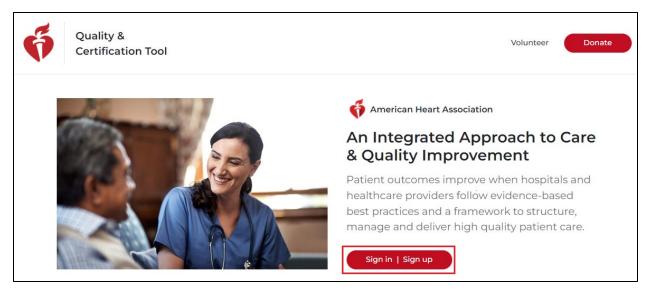


Figure 1 - QCT Login page

4.1 New User Registration – US and US Territories

Follow the steps for registration:

1. Click on Create an account.

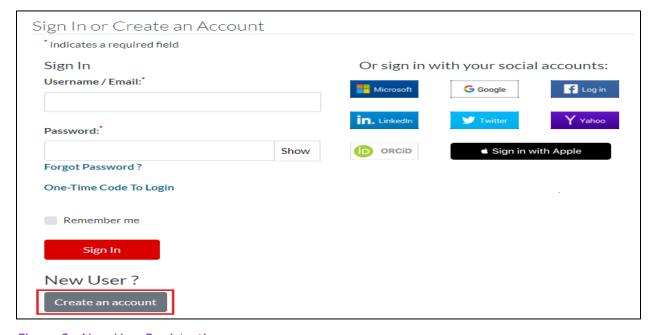


Figure 2 - New User Registration

2. Enter the essential required information in the respective fields and click on Continue after checking on the Terms of Use and Privacy Policy box.

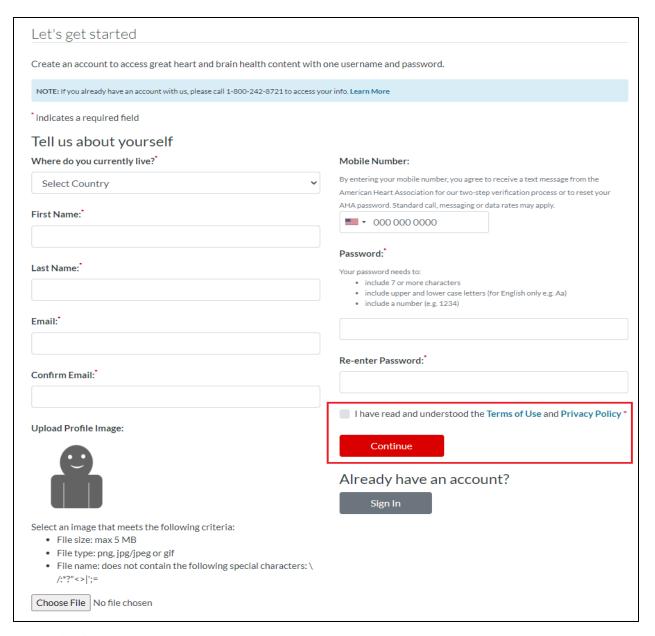


Figure 3 - Create Account

Once clicked, you will be navigated to the QCT - EMS welcome page followed by the User Dashboard page.



Figure 4 - QCT Welcome Page

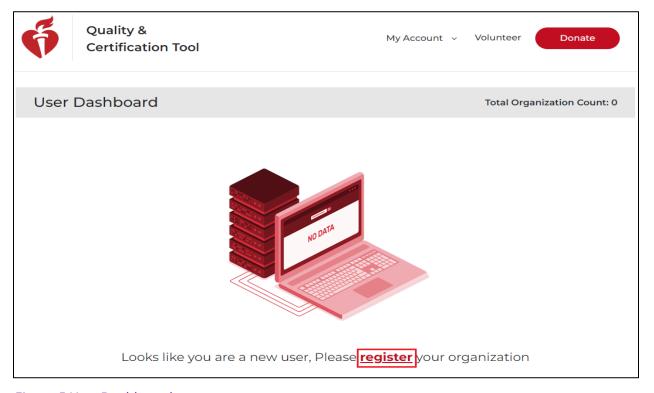


Figure 5 User Dashboard

- 3. Click on the register link to go to the Registration form.
- 4. Go to My Account drop down and click on Add New Organization to go to the Registration Form.

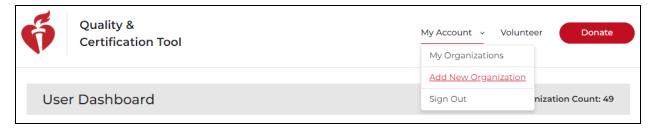


Figure 6 My Account dropdown

Registration Confirmation window appears.

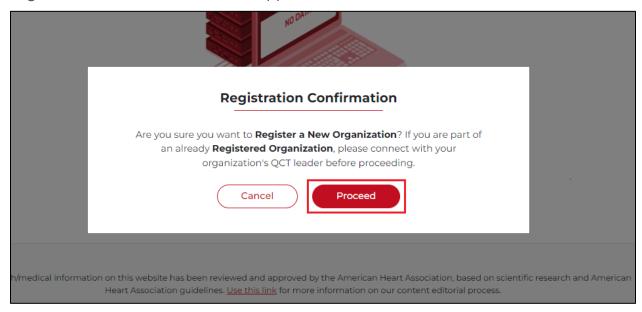


Figure 7 Registration Confirmation

5. Click on Proceed

Note:

• While signing in as an existing user the register hyperlink does not appear. In such cases, the Add New Organization option from My Account dropdown must be chosen.

Registration form opens.

6. Fill out the Registration Form and click on Continue. You must select US and US Territories in the Choose Region field.

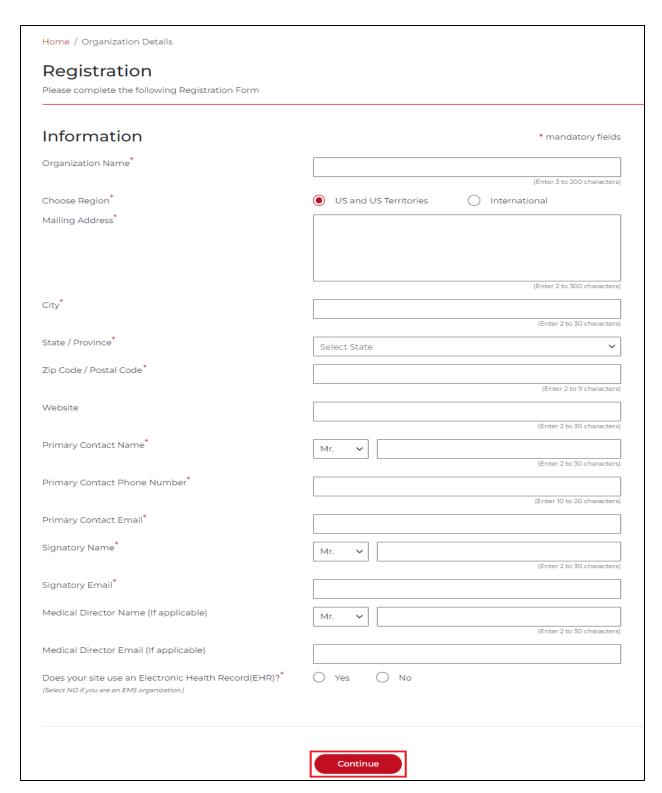


Figure 8 - Registration Page

The programs are divided based on their types: Quality and Certification.

Programs that are built for quality purposes are listed under the Quality tab. Similarly, programs built for certification purposes are listed under the Certification tab as shown in the figures below.

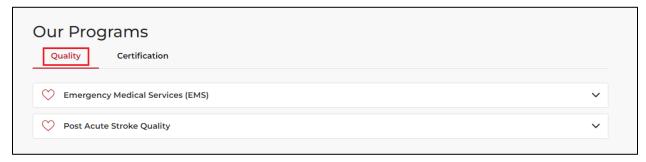


Figure 9 - Program Selection - Quality tab

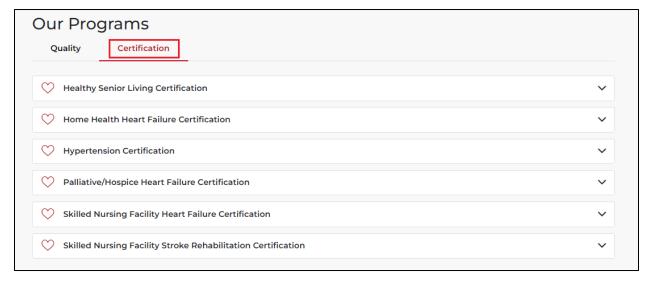


Figure 10 - Program Selection - Certification tab

To select a program:

1. Click on the Emergency Medical Services (EMS) program from the available programs list under the Quality tab and click on the Register button.

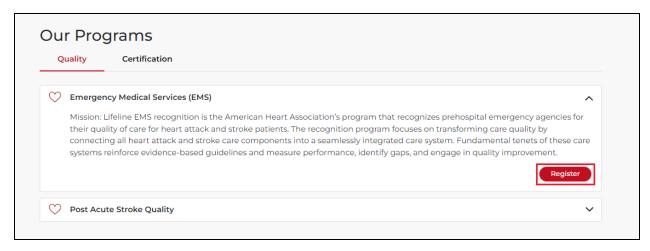


Figure 11 - Program Selection

- 2. Under Program details:
 - Select the appropriate AHA EMS ID suitable for the organization from the American Heart Association (AHA) EMS ID dropdown.
 - Provide the required essential details in the respective fields using the help texts displayed when hovered over the icon.
- 3. Click on the Continue button when all the required details are entered.

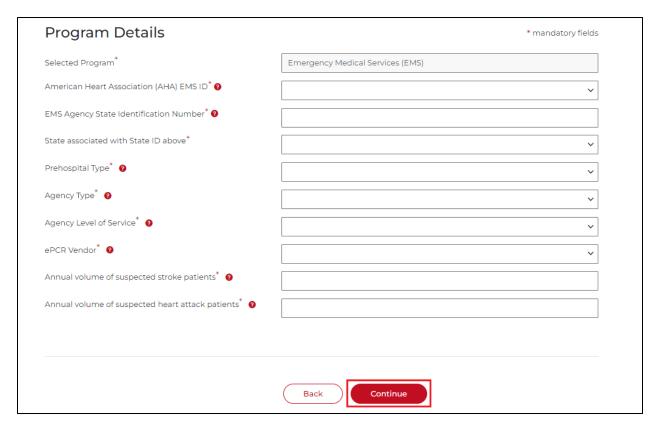


Figure 12 - Registration - Program Details

Note:

- Only one organization can be mapped against one AHA EMS ID.
- If there is any organization mapped with the selected EMS ID, an error message will be displayed as shown below.



AHA EMS ID 42_Abingdon Ambulance Service_Abingdon_VA already mapped to another organization

4.1.1 Participating Agreement

Check on the agreement box as an acknowledgment for Participating in the Agreement.

Home / Organization Details / Programs / Program Details / Agreement

Emergency Medical Services (EMS)

Please complete the below agreement process

Click the below statement to accept the Agreement



I agree that the Program Participant will be bound by the Terms and Conditions of the Agreement, and that I have full authority to bind the Program Participants to the terms and conditions of such Agreement. Signature of Authorized Program Participant Representative

Figure 13 - Participation Agreement Acceptance

4.1.2 Permissions Agreement

The AHA may recognize the Center's Certified status on our website or in its program materials only with your organization's permission.

Kindly de-select the permissions those your organization does not agree to allow the AHA to publish.

1. Enter the required essential details and click on Submit.

Permissions Agreement:	
	can Stroke Association permission to use our name for the following uations which your organization does not give permission.
Recognition Events	
AHA website, digital media, mobile apps	
✓ Conference banners and signage	
✓ Program promotion as permitted	
Enter Exact Organization Name for Publications*	
	(Min length 3 and Max length 200)
Signature of Authorized Program Partic	*mandatory fields
Organization Name*	Test EMS
	(Min length 3 and Max length 200)
First and Last Name of Signer*	ABC
Title of Signer*	
Email of Signer*	multiuser02@mailinator.com
Date*	2023-Dec-02
	Back Submit

Figure 14 - Permissions Agreement

Note:

- All fields above will be prepopulated except 'Title of Signer'.
- 2. Once submitted, the registration details will be sent for Admin approval with a completion message on the screen.

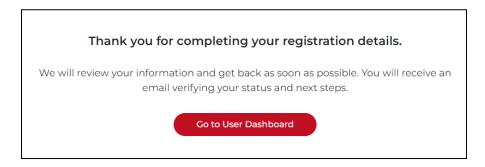


Figure 15 - Registration confirmation window

3. Click on Go to User Dashboard to go back to User Dashboard. The newly registered program will be listed under My Organizations with its status as Pending.



Figure 16 - User Dashboard

The Status will change to Approved, once the admin approves the organization or will change to In-Review if the admin saves it as a draft.

4.2 Existing User Logging In

If you have a registered account:

1. Enter the Sign In credentials in the Sign In or Create an Account page and click on the Sign In button.

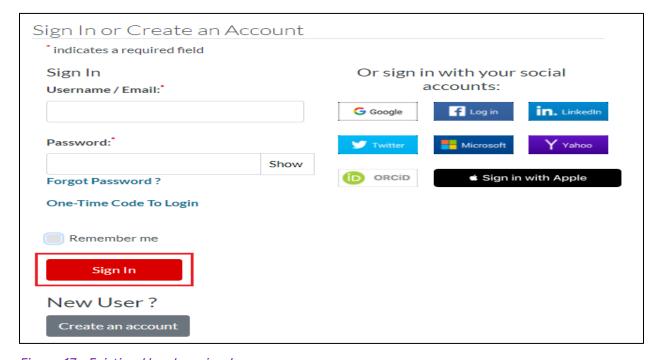


Figure 17 - Existing User Logging In

Once signed in, the User Dashboard page appears.

2. Go to My Account drop down and click on Add New Organization to go to the Registration Form.



Figure 18 - My Account dropdown

3. Once clicked, the Registration form opens. Continue with the registration as shown in section 4.1.

5 Measures

Measures are aggregate summary data for comparative analysis captured as Numerator and Denominator values against a listed scenario under a specific program. The measures for an organization can be created only when its status is Approved or In Review.

Follow the steps to create the measures:

1. In the User Dashboard, click on the organization name hyperlink under Organization Details column.

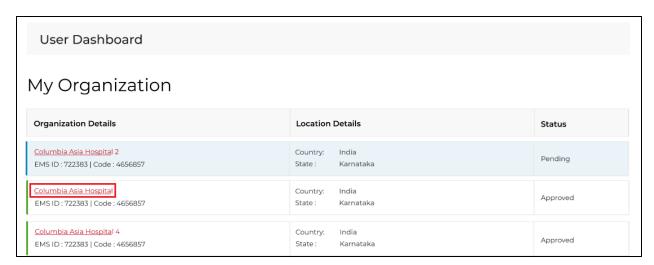


Figure 19 - User Dashboard

2. Under Measures, select the service year from the Select Service Year dropdown and click on the Create Measures button.

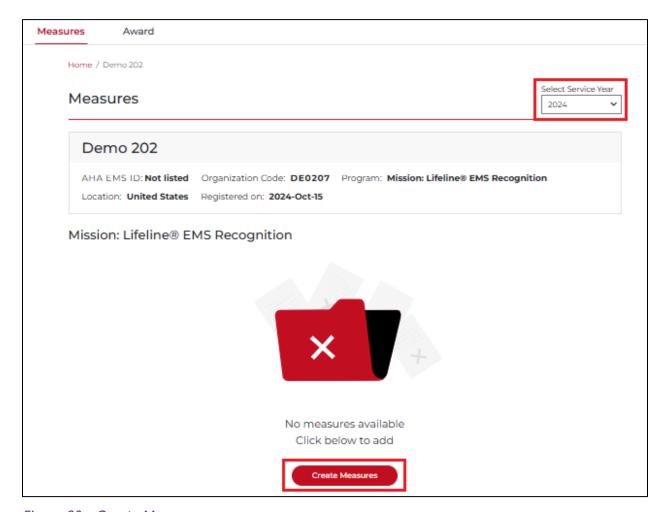


Figure 20 - Create Measures

Once clicked, the Measures page is displayed.

The Measures can be added by two methods:

- Enter Data
- Upload Data

The Select Service Year is a global option. The selected service year is retained in all the tabs (Measures/Awards) until changed in any tabs.

5.1 Enter Data

Enter Data method allows you to enter the required details directly into the provided space and save the inputs. The Enter Data page consists of Measure table that has two set of measures:

- Required: These are mandatory measures.
- Optional: These are optional measures and by default they are enabled for you to assign measure values. To disable, uncheck the checkbox below the headline. The organization will be eligible for awards only for the checked optional measures. The Optional Measures are:
 - Mission: Lifeline Systems of Care Target Heart Attack EMS Award: AHAEMS8, AHAEMS9. You can enter values only for either of the measures and not both.
 - Mission: Lifeline Systems of Care Target Stroke EMS Award: AHAEMS10.
 - Mission: Lifeline EMS Award Reporting Measures: AHAEMS6b and AHAEMS11. You can enter values for both or either of the two measure.

The measure table consists of the following columns.

- Measures ID
- Measures Name
- Description
- Type (N, D, %)
- Quarters (Q1, Q2, Q3, Q4)

To enter data:

- 1. Go to Enter Data tab.
- 2. In the measure table, enter the Numerator (N) and Denominator (D) values against each measure under the Quarter (Q1, Q2, Q3, Q4) columns. The % is calculated based on the entered N and D values.
- 3. Click on the Save as Draft button if you want to save the currently entered data and return later for further editing.

OR

Click on the Submit button to submit the entered data.

Enter Data	Upload Dat						Cancel Ec
		* Mand	atory N	l (Numerato	or), D (Deno	minator), % (Percentag
Measures ID	Measures Name	Description	Туре	Q1	Q2	Q3	Q4
		Mission: Lifeline EMS Award Achievement Mea	asures (Re	equired)			
AHAEMSI	Pre-Arrival Notification for Suspected Stroke	The percentage of EMS patients aged 18 years and older transported from the scene with a primary or secondary impression of stroke whom a pre-arrival alert for stroke was activated during the EMS encounter.	N* ? D* ?				
AHAEMS2	Documentation of Last Known Well for Patients with Suspected Stroke	The percentage of EMS patients aged 18 years and older transported from the scene with suspected stroke for whom Last Known Well was documented during the EMS encounter.	N* @ D* @ %				
AHAEMS3	Evaluation of Blood Glucose for Patients with Suspected Stroke	The percentage of EMS patients aged 18 years and older transported from the scene with suspected stroke for whom blood glucose was evaluated during the EMS encounter.	N* 2 D* 3 %				
AHAEMS4	Stroke Screen Performed and Documented	The percentage of EMS patients aged 18 years and older transported from the scene with a suspected stroke for whom a stroke screen was performed and documented during the EMS encounter.	N* @ D* @ %				
AHAEMS5	12-lead ECG performed <= 10 minutes for Suspected Heart Attack	The percentage of EMS patients aged 18 years and older transported from the scene with chest pain or a suspected heart attack for whom a 12-lead ECG was performed <= 10 minutes of first medical contact.	N* ② D* ② %				
AHAEMS6	Aspirin Administration for STEMI-positive ECG	Percent of EMS patients aged 18 years and older transported from the scene with a STEMI-positive ECG who were administered aspirin.	N* @ D* @ %				
AHAEMS7	Pre-Arrival Notification <= 10 Minutes for STEMI- positive ECG	The percentage of EMS patients aged 18 years and older transported from the scene with a STEMI-positive ECG for whom pre-arrival notification was activated <= 10 minutes of positive ECG.	N* ②				

Figure 21 - Required Measures

MS FMC to PPCI = 90 minutes for FEM patients	Deselect the checkbox to opt out of the Please enter values only for either the AHAEMSE. The percent of EMS patients transported to the destination hospital with EMS first medical contact to PCI time of less than or equal to 90 minutes or EMS first medical contact to PCI time of less than or equal to 120 minutes when transport time is greater than or equal to 45 minutes and door to PCI is within 30 minutes.	
= 90 minutes for TEM patients	destination hospital with EMS first medical contact to PCI time of less than or equal to 90 minutes or EMS first medical contact to PCI time of less than or equal to 120 minutes when transport time is greater than or equal to 45 minutes and door to PCI is within 30	
MS EMC to		
dministration <= 0 Minutes for atients with STEMI	The percentage of STEMI patients treated and directly transported to the destination center, with EMS first medical contact to thrombolytic time of less than or equal to 60 minutes.	N •
1	Mission: Lifeline Systems of Care Target Stroke EM	1S Award (Optional)
	Deselect the checkbox to opt out of the	ese measures.
MS FMC to nrombolytic dministration <= 0 Minutes for atients with troke	The percentage of stroke patients treated and directly transported to the destination hospital, with EMS first medical contact to thrombolytic time of less than or equal to 90 minutes.	N 0
	Mission: Lifeline EMS Award Reporting Meas	ures (Optional)
	Deselect the checkbox to opt out of the	ese measures.
spirin dministration for uspected Heart ttack	The percentage of EMS patients aged 18 years and older transported from the scene with chest pain or a suspected heart attack for who were administered aspirin.	N •
MS FMC to EVT <= 10 minutes for TEM patients	The percent of stroke patients transported to the destination hospital with EMS first medical contact to EVT time of less than or equal to 120 minutes or EMS first medical contact to EVT time of less than or equal to 150 minutes when transport time is greater than or equal to 45 minutes and door to EVT is within 30 minutes.	N
MM drifter on ssp drifter mm mm	IS FMC to rombolytic ministration <= Minutes for tients with oke	Mission: Lifeline Systems of Care Target Stroke EN Deselect the checkbox to opt out of the SFMC to rombolytic ministration <= Minutes for tients with oke Mission: Lifeline EMS Award Reporting Meas Mission: Lifeline EMS patients aged 18 years and older transported from the scene with chest pain or a suspected Heart ack The percentage of EMS patients aged 18 years and older transported from the scene with chest pain or a suspected heart attack for who were administered aspirin. The percent of stroke patients transported to the destination hospital. With EMS first medical contact to EVT time of less than or equal to 120 minutes or EMS first medical contact to EVT time of less than or equal to 150 minutes when transport time is greater than or equal to 45 minutes and door to EVT is within 30

Figure 22 – Optional Measures

If you want to cancel the entry of data, click on Cancel Edit.



Figure 23 - Cancel Edit

[©]Copyright 2025 American Heart Association, Inc., a 501(c)(3) not-for-profit. All rights reserved. V 1.7, 26/03/2025

Note:

- The Numerator (N) value must be always less than the Denominator (D) value.
- All the measures under the Required set of measures must be given N and D values to submit the measures.
- The measures cannot be submitted if there are no measure values added in the checked optional measures.
- A maximum of six digits are allowed in the N and D values. The number can be ≤ 999999.
- Helping texts to fill the N and D values are available for each measure. Click the
 icon to view the help texts.
- Save as Draft option only saves the info and does not submit. Only submitted data is visible and not the saved data to the Admin.

5.2 Upload Data

The Upload Data method allows you to upload the data through an excel file which is rendered by the tool and the extracted details are fed to their respective fields.

To upload:

- 1. Select Upload Data tab.
- 2. Click on Download Template.

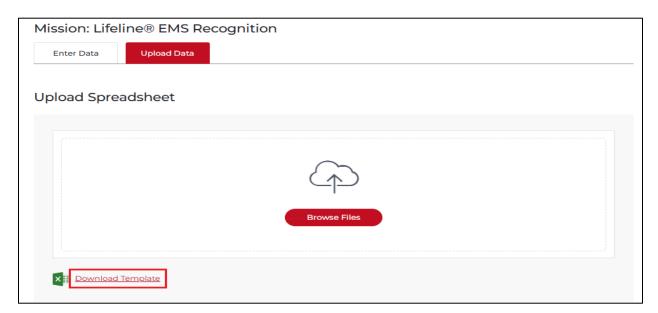


Figure 24 - Upload Data - Download Template

Once clicked, the template spreadsheet file gets downloaded in your system folder.

- 3. Enter the data into the spreadsheet as per the mentioned format and save the filled spreadsheet file in your organization system.
- 4. Click on Browse Files button and upload the saved spreadsheet file from the saved organization system location.

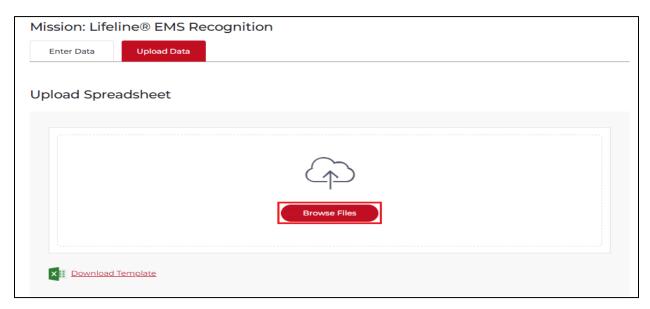


Figure 25 - Upload Data - Browse Files

5. Once the uploading is completely processed, click on the Submit button.

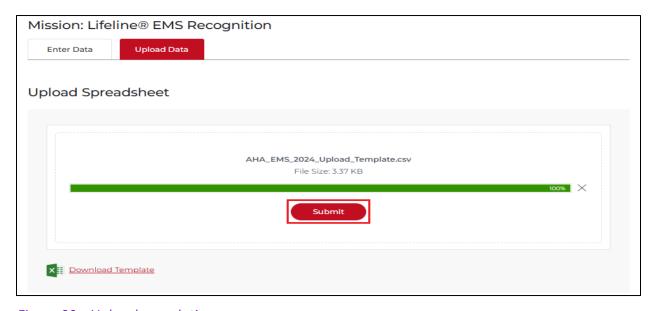


Figure 26 - Upload completion

6. Once clicked, the spreadsheet gets uploaded with a success message on the screen.



These uploaded spreadsheets are listed under the Uploaded Spreadsheet list to keep track of all the files uploaded. You can download the file to view its details by clicking on the icon under the Action column.



Figure 27 - Upload Spreadsheet list

7. Once successfully uploaded, the data from the spreadsheet are assigned to their respective fields.

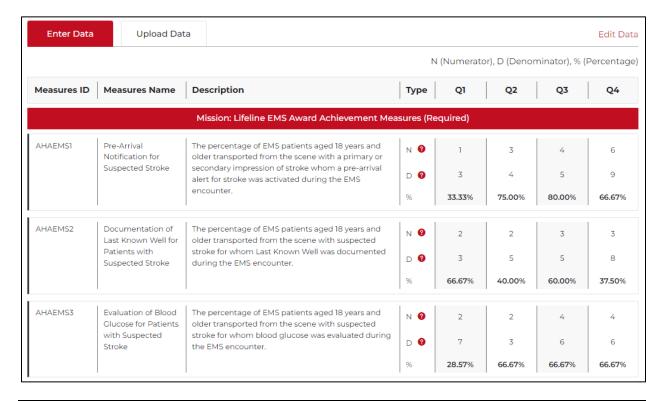


Figure 28 - Uploaded data from the spreadsheet

Note:

Make sure the below points are satisfied for measure upload to be a success:

- The measure template downloaded must be of the respective program.
- Enter valid data without modifying the template values (ID, Name, Descriptions).
- Numerator value (N) should be always lesser than the Denominator value (D). A maximum of six digits are allowed to be entered in the N and D values. The highest number can be 999999.
- At least 1 measure or metric value is required to upload the measure file.
- Measures values should be whole number, decimals are not accepted.
- Verify if the Metrics are present for the program for which you are uploading the measures. If metrics are not present, then adding values in the metric column is not required.
- Save the file once data is added.
- The file name should not contain dot(.) in it.
- The file size should be less than 30MB and it should be a CSV file.
- Browse the saved file and upload it to get the SUCCESS status.

5.3 Edit Data

To modify the data entered for the measures; in the Enter Data page:

1. Click on Edit Data link.



Figure 29 - Edit Data link

2. Do the required modification and click on the Submit button.

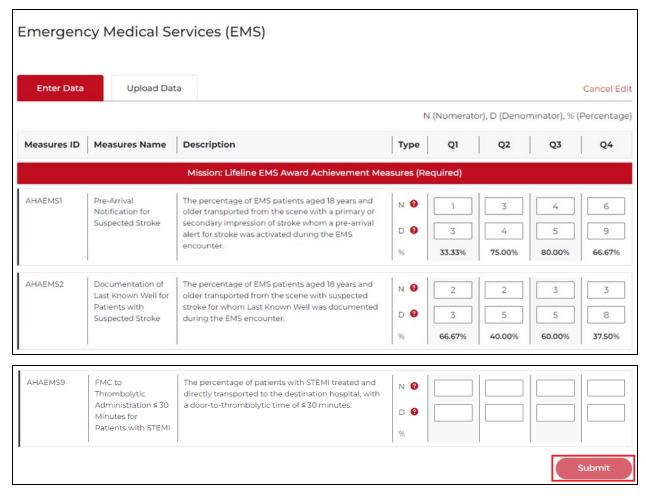


Figure 30 - Edit Data

To disable an added optional measure with measure values, uncheck the checkbox as shown below and click on the Confirm button in the confirmation popup.

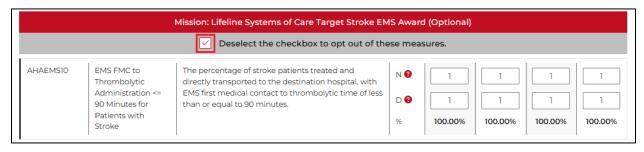


Figure 31 - Optional Measure Checkbox

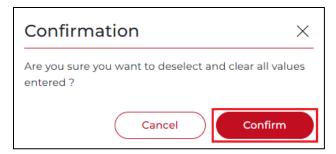


Figure 32 - Uncheck Confirmation popup

Once confirmed, all the entered measure values will be cleared out and the optional measure will be deselected.

Note:

• The Measures tab is restricted to modify when the Measure Lock is enabled. Contact the admin to disable the Measure Lock to modify the measures.

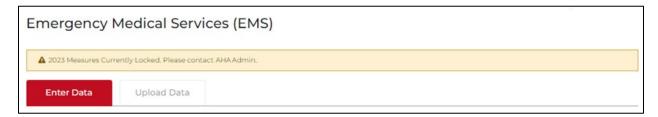


Figure 33 - Measure Lock message

6 Award

The Awards certificate generated for the organization based on the measure values is available in this tab. The year for which the certificate was awarded is highlighted under Select Service Year dropdown. You can select any service year from the dropdown to view the certificate for that service year.

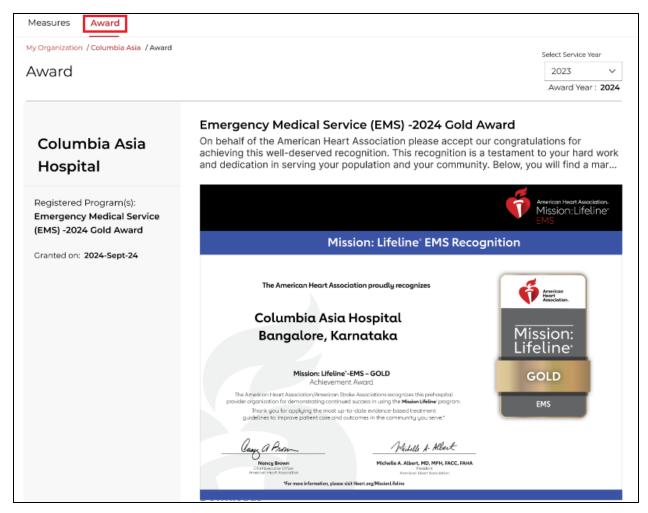


Figure 34 - Award Certificate

You can download the branding materials allocated with the certificate by clicking on the required branding options in the Download below the certificate.



Figure 35 - Branding Options

7 Organization User Management

A primary user can add a secondary user. The secondary user can do the further activities or functionalities on behalf of the primary user. A maximum of four users can be added.

The Organization User Management tab is available only for the approved organizations.

1. In the User Dashboard, click on the organization name hyperlink in the Organization Details column.

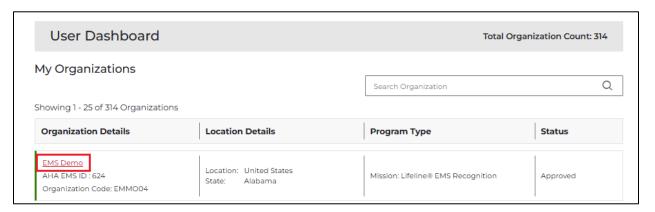


Figure 36 - User Dashboard

2. In the organization page, click on Organization User Management from My Account dropdown.



Figure 37 - My Account dropdown

Once clicked, the Organization User Management window opens.



Figure 38 - Organization User Management window

7.1 Add User

To add user:

1. Click on Add User in the User Management page.



Figure 39 - Add User

2. Enter SSO registered mail ID of the user and click the Validate button.

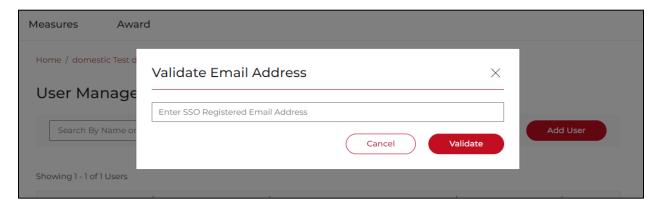


Figure 40 - Email validation popup

On clicking Validate, the user gets added to the list with a success message displayed on the screen.

- If the entered email ID is not valid then an error message 'Please enter a valid organization SSO Email ID to Proceed' is displayed.
- If the user addition limit is reached, an error message 'You have reached the maximum limit' is displayed. You must delete a user to add another user.

Note:

- After the user does the SSO registration, the user must share the credentials with the primary user, so that they get access to the organization and share the ID to the primary user.
- The SSO registration of the user must be completed on the same portal SSO registration page. For example, if the user is to be added to the EUP portal, then the SSO registration must be done on the EUP portal. Users registered on any other portal cannot be added to the EUP portal.
- Already registered email IDs cannot be used to create a user.

7.2 Delete User

User access to the account for a user can be removed by deleting the added user. To delete a user:

To delete a user:

1. Select the user from the user list in the Organization User Management window and click on the Delete icon.



Figure 41 - Delete User

The pop-up message confirming the deletion appears.

2. Click on Confirm to delete the user.

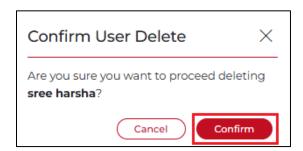


Figure 42 - Delete Confirmation popup

3. Once clicked, the user will be successfully deleted with a success message displayed on the screen.

7.3 View Log

All the actions performed to manage the users are logged and can be viewed under View Log. Click on View Log in the Organization User Management window to view the logs.



Figure 43 - View Log

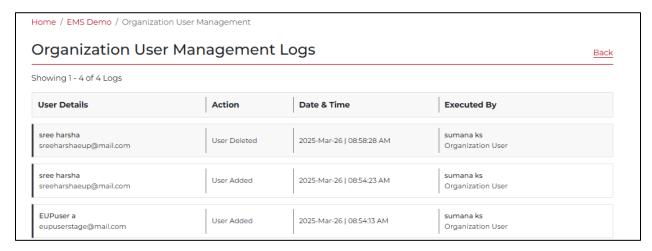


Figure 44 - Organization User Management Logs

The user, action type, date and time of the action and the action executed by details are captured under View Logs. To close the logs, click on Back.

8 Organization Settings

The Organization Settings displays the organization details and all the registered programs. This tab is available only for the approved organizations.

1. In the User Dashboard, click on the organization name hyperlink in the Organization Details column.

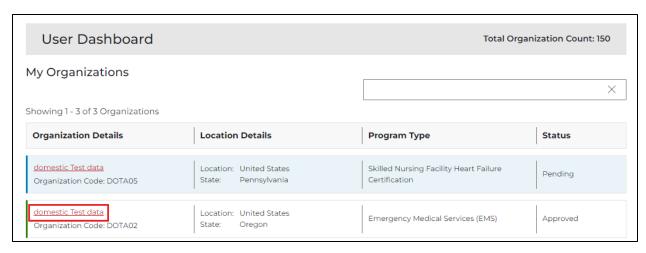


Figure 45 - User Dashboard

2. In the organization page, click on Organization User Management from My Account dropdown.



Figure 46 - My Account dropdown

Once clicked, the Organization Settings page opens.

8.1 Organization Details

All the details about the organization are available in the Organization Details tab. You can view the organization details and edit them if required.

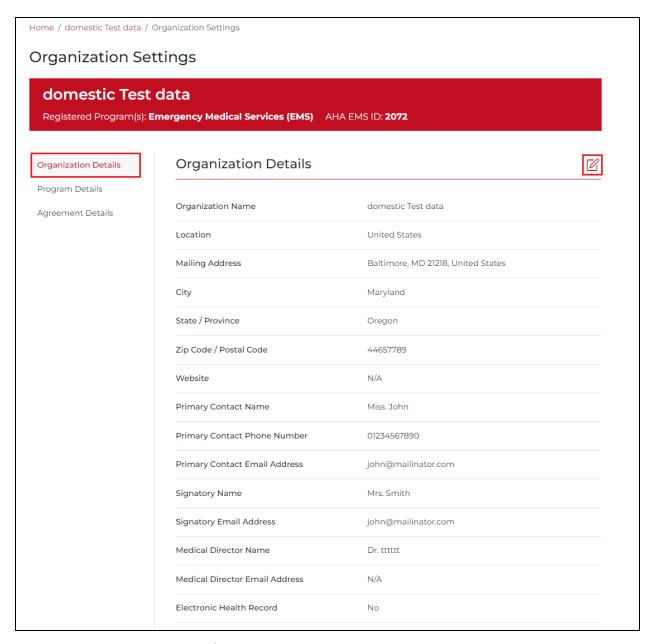


Figure 47 - Organization Details

To edit the organization details:

- 1. Click on the Edit icon.
- 2. Edit the required details and click on the Save button.

domestic Tes	t data			
Registered Program(s)	: Emergency Medical Services ((EMS) AHA E	MS ID: 2072	
Organization Details	Organization Det	ails		Cancel Edi
Program Details			* mandatory fields	
Agreement Details	Organization Name*	domestic Te	-	
			(Enter 3 to 100 characters)	
	Location*	United State	es	
	Mailing Address*	Baltimore, N	AD 21218, United States	
	City*	Maryland		
	State / Province*	Oregon	·	
	Zip Code / Postal Code*	44657789		
		44657789	(Enter 2 to 9 characters)	
	Website			
	Primary Contact Name*	Miss 🗸	John	
		Phone*	01234567890	
			(Enter 10 to 20 characters)	
		Email*	john@mailinator.com	
	Signatory Name*	Mrs. V	Smith	
		Email*		
		Lillali	john@mailinator.com	
	Medical Director Name (If applicable)	Dr. 🗸	tttttt	
	аррпсавіе)	Email		
	Does your site use an Electronic Health Record(EHR)?* (Select NO if you are an EMS organization.)	○ Yes	No	

Figure 48 – Edit Organization Details

3. Once clicked, the changes will be saved throughout the application with a success message displayed on the screen.

Note:

• Organization Name and Location fields are not editable.

8.2 Program Details

This tab displays the details of programs associated with the organization. You can view the details of the program and edit them if required.

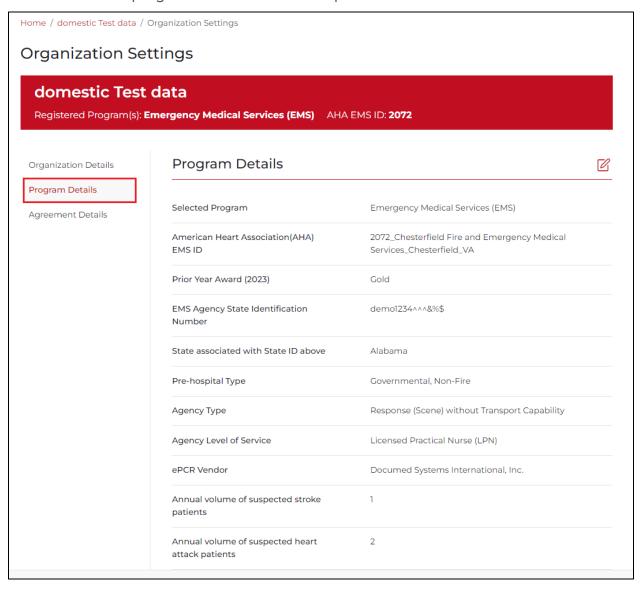


Figure 49 - Program Details

To edit the program details,

- 1. Click on the Edit icon.
- 2. Do the required changes and click on the Save button.

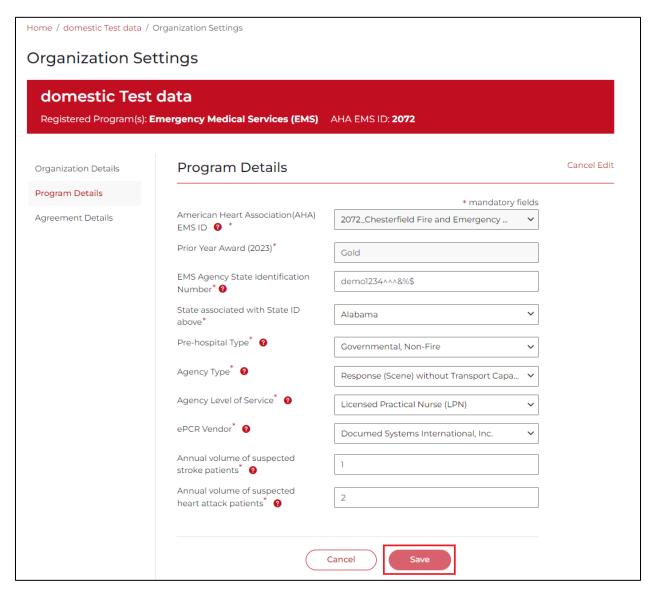


Figure 50 - Edit Program Details

3. Once clicked, the changes will be saved throughout the application with a success message displayed on the screen.

Note:

 American Heart Association (AHA) EMS ID and Prior Year Award fields are not editable.

8.3 Agreement Details

This tab displays all the agreement details registered with the organization. You can view the details and edit them if required.

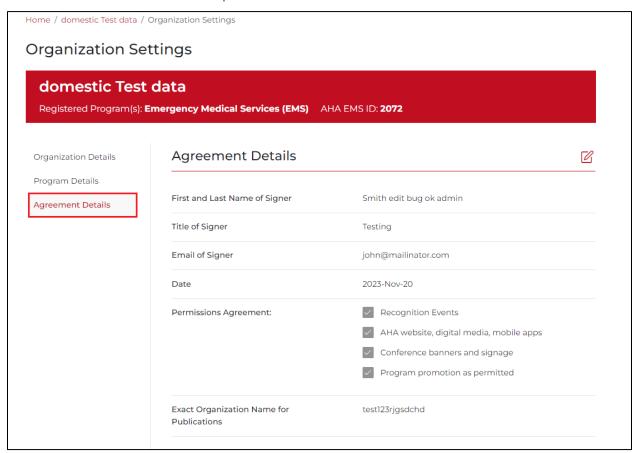


Figure 51 - Agreement Details

To edit the agreement details:

- 1. Click on the Edit icon.
- 2. Do the required changes and click on the Save button.

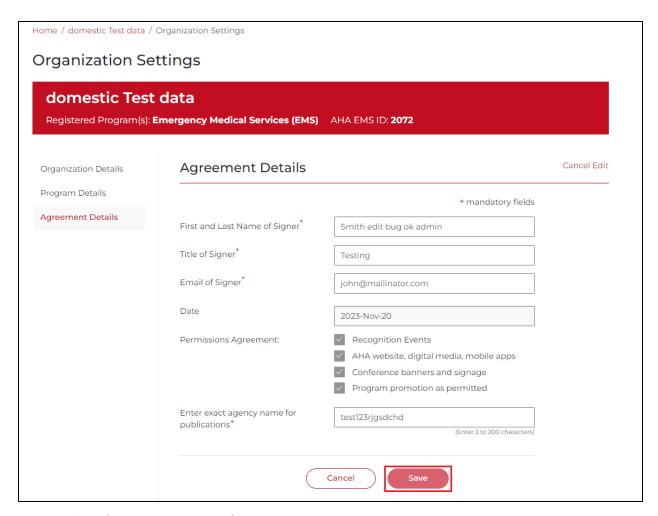


Figure 52 - Edit Agreement Details

3. Once clicked, the changes will be saved throughout the application with a success message displayed on the screen.

Note:

Date and Permissions Agreement fields are not editable.

Version Control

Title	Version Number	Version Date	Revision History	Created By	Reviewed By
Quality and Certification	1.0	11/12/2023		Girish Malagimani	Abijith M
Tool – User Manual (For Domestic	1.1	24/01/2024		Girish Malagimani	Abijith M
Customers)	1.2	15/02/2024		Girish Malagimani	Abijith M
	1.3	21/05/2024		Girish Malagimani	Abijith M
	1.4	08/08/2024		Girish Malagimani	Abijith M
	1.5	26/11/2024		Girish Malagimani	Abijith M
	1.6	23/01/2025	Updated Measures section	Girish Malagimani	Abijith M
	1.7	26/03/2025	Updated Organization User Management section	Girish Malagimani	Abijith M

QCT – Emergency Medical Services (EMS)							
	END OF	THE DOCUM <i>ent</i>					