An Coimisiún um
Rialáil Cumarsáide
Commission for
Communications Regulation

Data.ComReg
Reporting Scam Metrics
User Guide

Version: 1-0

Date: 2025

DISCLAIMER

This document provides a guide for Data.ComReg – Scam Metric users who are relevant undertakings that are required to submit monthly scam metrics. The purpose of this guide is to assist relevant undertakings in navigating the Data.ComReg – Scam Metrics portal. ComReg gives no representation, warranty, guarantee, undertaking or any assurance whatsoever (whether express or implied) as to the accuracy of information contained in this guide, or as to it being complete or up to date.

To the fullest extent permitted by law, neither ComReg, nor the Commissioners, nor the employees and consultants of ComReg will be liable for any loss or damage whatsoever arising out of or in connection with your use of this guide (including but not limited to, indirect or consequential loss or damages, loss of data, income, profit or opportunity, loss of damage to property or claims of third parties) even if ComReg has been advised of the possibility of such loss or damages arising or that such loss and damages were reasonably foreseeable.

The information, content, graphics, text, images, trademarks, trade names and logos contained in this guide are protected by copyright, trademark, database right, sui generis right and other intellectual property laws.

Contents

1 Introduction 4
1.1 Scam Metric Process Overview 5
2 Accessing Data.ComReg 6
2.1 Activating Your Account 7
2.2 Loging In 10
2.3 Switching Accounts 12
3 Managing Accounts 13
3.1 Update your company details 14
3.2 Add Additional Users to your account 16
3.3 Remove A User 18
3.4 Update User Details 19
3.5 Manage My Profile 20
4 Submitting Reports 22
4.1 Submit Monthly Metric Reports 22
4.2 Download Schemas via web link 28
4.3 Download Schemas via API 28
4.4 Schema Data Dictionaries 29
4.5 Completing SMS Metrics Excel XLSB Template 30
4.6 Completing Call Metrics Excel XLSB Template 33
4.7 Excel XLSB Template Guidance 35
4.8 Request a Report Resubmission 37
4.9 Download an already Submitted File 38
Appendix 1: Submit (Upload) Error Codes 39
General Validation Rules 39
SMS Metrics Validation Rules 41
Call Metrics Validation Rules 42
Appendix 2: XML File Descriptions 45

1 Introduction

The Data.ComReg portal provides a facility for entities to report monthly scam metric reports to ComReg.

Combatting scam calls and texts[1] document, decision Instruments D09/24, D10/24, D11/24, D12/24, D13/24, and D14/24 mandates relevant undertakings to provide ComReg with monthly scam metrics no later than 10 working days from the final day of the calendar month.

Using the Data.ComReg, Scam Metrics option, entities can upload their Call and/or SMS monthly metrics to ComReg.

This User Guide details the reporting procedures of the Data.ComReg - Scam Metrics portal.

Entities are to provide ComReg with monthly scam metrics no later than 10 working days from the final day of each calendar month.

[1] ComReg 24/24 Combatting scam call and texts, dated 03/04/2024
https://www.comreg.ie/media/2024/04/ComReg-2424.pdf

1.1 Scam Metric Process Overview

Using the Data.ComReg – Scam Metric portal, call and/or sms sacm metrics can be reported (uploaded) on a monthly basis.

After initial Data.ComReg Account access, the monthly process for Scam Metrics is:

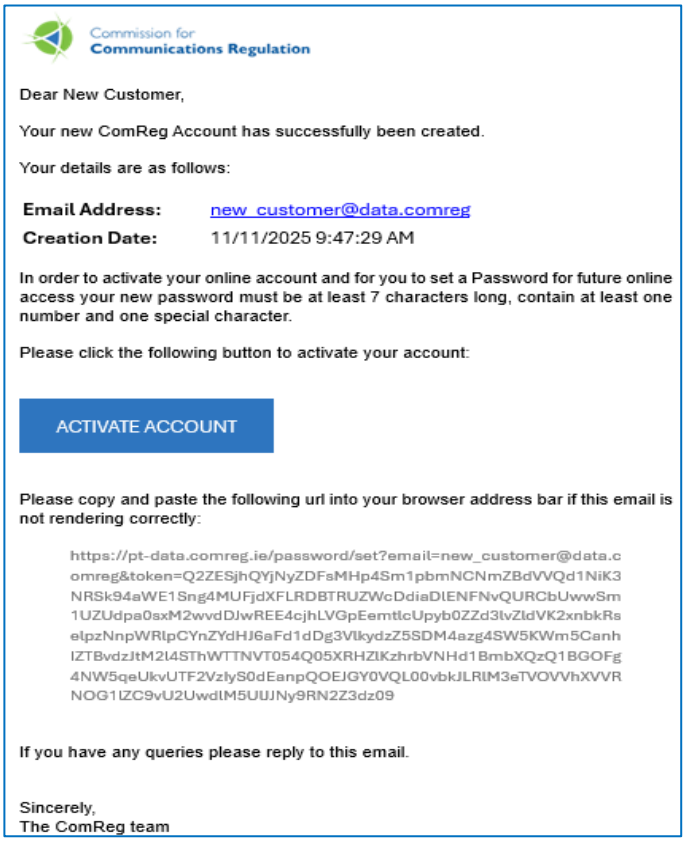
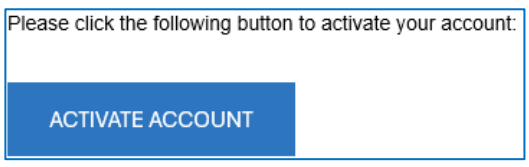
	Download the latest Metrics Schema (template) via one of the following options: 1. The Schema download option within the Data.ComReg portal - Scam Metrics - Current Data Request. 2. Web links to Schemas on the ComReg *Scam Call and SMS Metrics Guidance* web page. 3. API links to Schemas Note: It is good practice to download the latest schema every month.
	Complete the Metrics Report (fill in the schema). Supported formats are: 1. Excel XLSB (Binary) 2. XML Note: for SMS Metrics the Excel XLSB can accommodate up to a maximum of 20,000 SMS Sender IDs.
	Submit (upload) the Metrics Report using the Data.ComReg portal – Scam Metrics – Current Data Request by the deadline date (no later than 10 working days from the final day of the calendar month).
	Check submission feedback from ComReg. The Data.ComReg portal will automatically validate your submission. Any errors will be reported by email. Correct any errors and resubmit. Check metrics report has successfully been Accepted by ComReg.
	Repeat every month Repeat the same process by the deadline date every month.

2 Accessing Data.ComReg

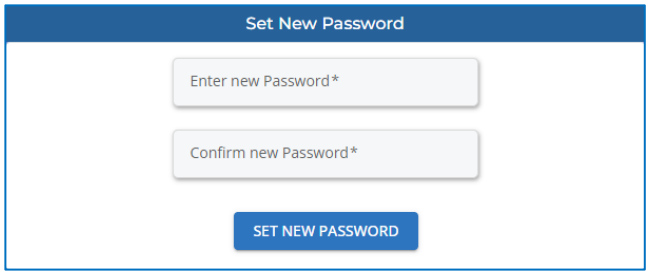
Access to Data.ComReg can be granted in the following manner:

(1)	You do **not have an existing ComReg Account.**
	If you do not have any existing ComReg Account, (for example: SMS SenderID Registry; eLicensing etc) you will receive an automatic ACTIVATE ACCOUNT email from DoNotReply@comreg.ie if your details have been provided to the ComReg Network Trust team and they have created your account, or your own organisation's Data.ComReg main contact has similarly done so.
	Please follow the section 2.1 Activating Your Account
OR	
(2)	You **have any existing ComReg Account.**
	If you have an existing ComReg Account (for example: SMS SenderID Registry; eLicensing etc) an automatic email (*Account Activation*) will NOT be sent to you. If your details have been provided to the ComReg Network Trust team and they have created your account, or your own organisation's Data.ComReg main contact has similarly done so, you can use your existing ComReg Account credentials to access Data.ComReg. For example, you can use your existing login credentials that you use to access the SMS SenderID Registry to now access Data.ComReg.
	Please follow the section 2.2 Loging In
?	In case of access issues: 1) Please contact the ComReg Network Trust team at metrics.reporting@comreg.ie 2) Alternatively, your organisations Data.ComReg main contact person can assist you as they are able to administer (create etc) accounts.

2.1 Activating Your Account

	If you do **not have any existing ComReg Account** (for example: SMS SenderID Registry; eLicensing etc), you will receive an automatic ACTIVATE ACCOUNT email from DoNotReply@comreg.ie if your details have been provided to the ComReg Network Trust team and they have created your account, or your own organisation's Data.ComReg main contact has similarly done so.
1.	The ComReg Network Trust Team will provide your login credentials via email.  Commission for Communications Regulation Dear New Customer, Your new ComReg Account has successfully been created. Your details are as follows: **Email Address:** new_customer@data.comreg **Creation Date:** 11/11/2025 9:47:29 AM In order to activate your online account and for you to set a Password for future online access your new password must be at least 7 characters long, contain at least one number and one special character. Please click the following button to activate your account: ACTIVATE ACCOUNT Please copy and paste the following url into your browser address bar if this email is not rendering correctly: https://pt-data.comreg.ie/password/set?email=new_customer@data.comreg&token=Q2ZESjhQYjNyZDFsMHp4Sm1pbmNCNmZBdVVQd1NiK3NRSk94aWE1Sng4MUFjdXFLRDBTRUZWcDdiaDlENFNvQURCbUwwSm1UZUdpa0sxM2wvdDJwREE4cjhLVGpEemtlcUpyb0ZZd3lvZldVK2xnbkRselpzNnpWRlpCYnZYdHJ6aFd1dDg3VlkydzZ5SDM4azg4SW5KWm5CanhIZTBvdzJtM2l4SThWTTNVT054Q05XRHZlKzhrbVNHd1BmbXQzQ1BGOFg4NW5qeUkvUTF2VzlyS0dEanpQOEJGY0VQL00vbkJLRlM3eTVOVVhXVVRNOG1lZC9vU2UwdlM5UUJNy9RN2Z3dz09 If you have any queries please reply to this email. Sincerely, The ComReg team If you have not been issued these, please contact: metrics.reporting@comreg.ie
2.	Click ACTIVATE ACCOUNT link in the activation email.  Please click the following button to activate your account: ACTIVATE ACCOUNT
3.	Enter a new Password.

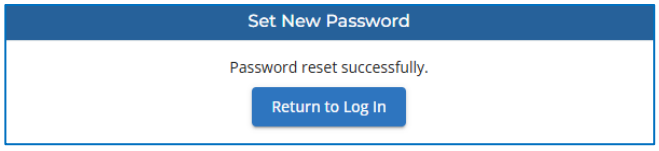
Confirm your new Password.



The password must:
a) be at least 7 characters in length
a) include at least 1 number
b) include at least 1 of the following special characters: # ? ! @ $ % ^ & * -
Note: other special characters do not work.

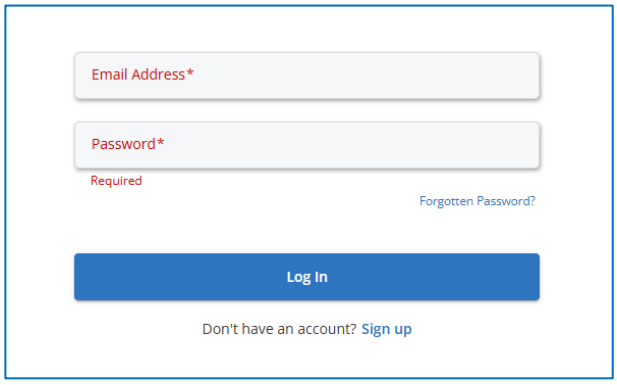
Click SET NEW PASSWORD to complete the activation setup.

Click Return to Log In.



4.

Enter your credentials Email Address and Password and then click Log In.



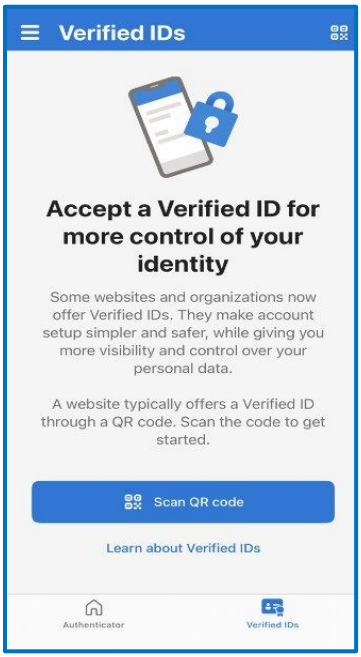
(Use the Forgotten Password? button if you need to reset your password).

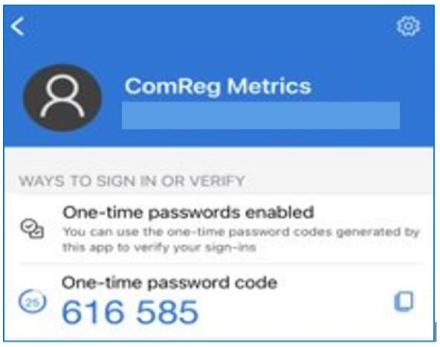
5.

Open the multi-factor authentication (MFA) form (first-time login).

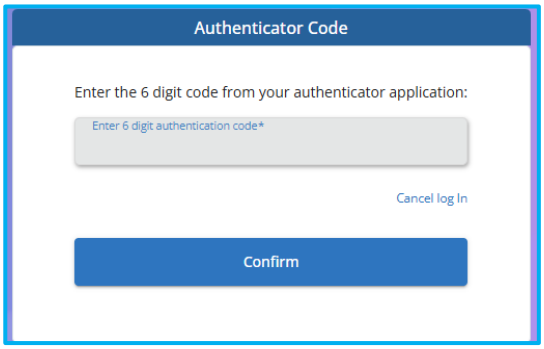
Open the Authenticator App on your Smartphone.

Select Scan QR code (or equivalent) on the Auth the QR Code.



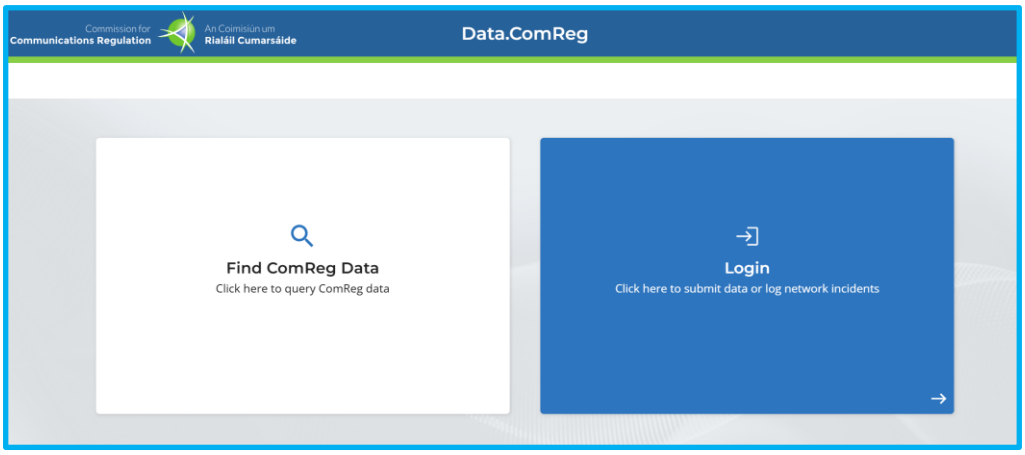
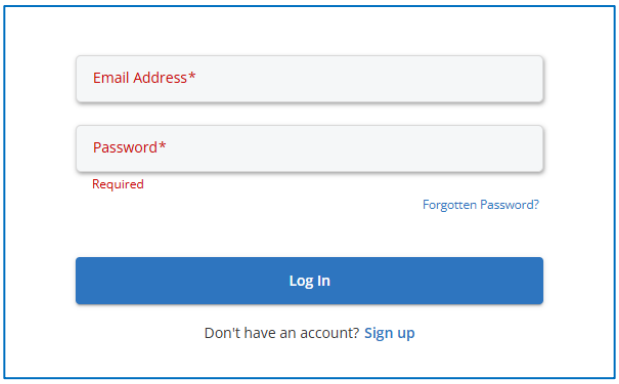


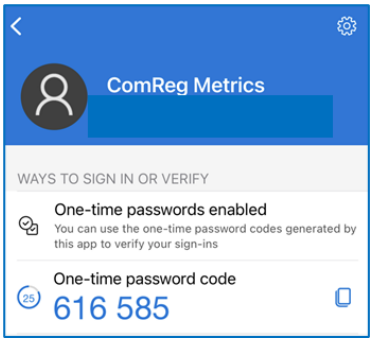
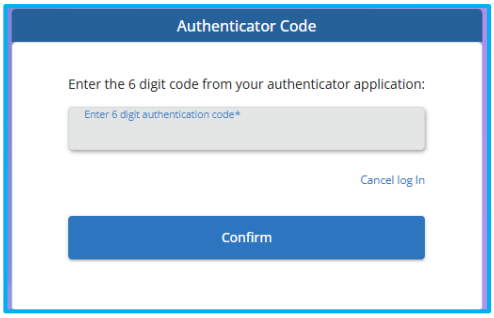
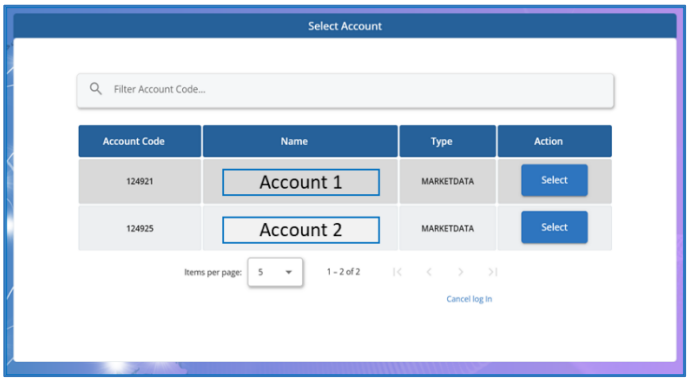
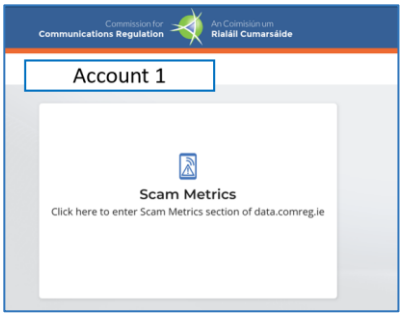
Enter the 6-digit code from your Authenticator app:



Click Confirm.

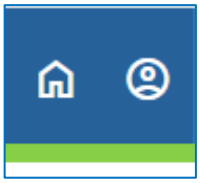
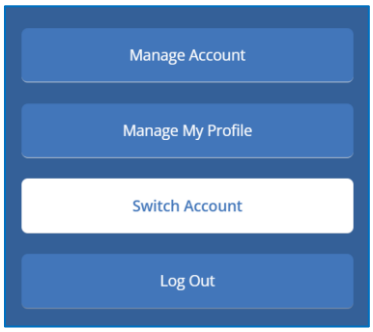
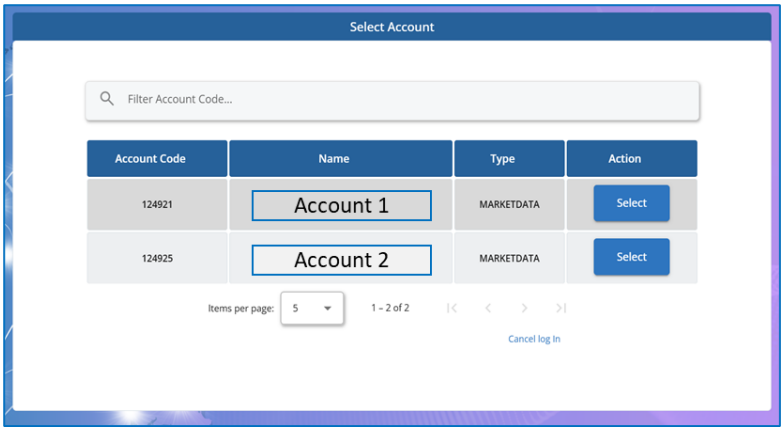
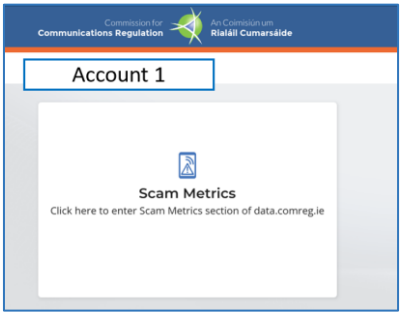
2.2 Loging In

1.	Access the Data.ComReg portal at the following link: https://data.comreg.ie/ Log in to the Data.ComReg portal.
2.	Select Login. 
3.	Enter your credentials Email Address and Password and then click 'Log In'.  (Use the Forgotten Password? button if you need to reset your password).

4.	Open the Authenticator App on your Smartphone.  Enter the 6-digit code from your Authenticator app:  Click Confirm.
5.	If you have access to multiple accounts, Select the specific account: 
6.	Select the ‘Scam Metrics’ tile: 

2.3 Switching Accounts

Typically, you will only be accessing one account. Should you have access to multiple accounts, follow these instructions to switch accounts.

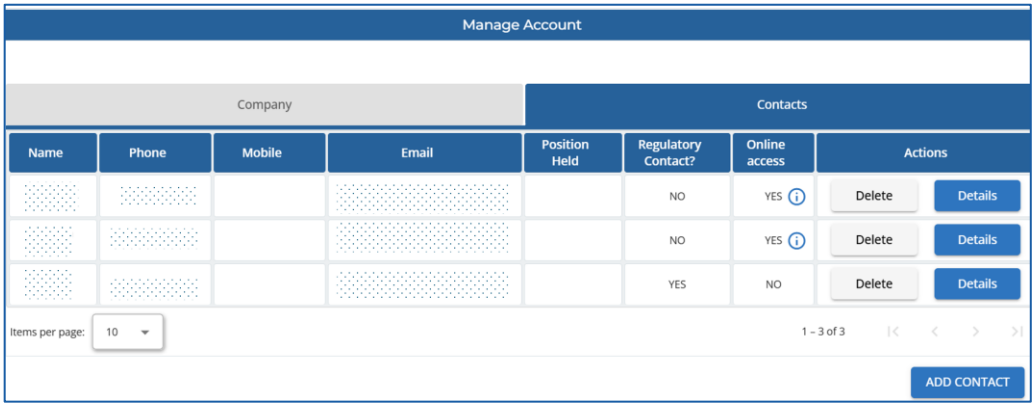
1.	Click Account button. 
2.	Select Switch Account. 
3.	Select the desired Account and click Select. 
4.	Select Scam Metrics Card. 

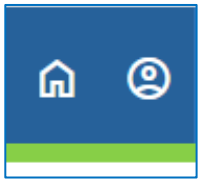
3 Managing Accounts

The Manage Account option provides the ability to:

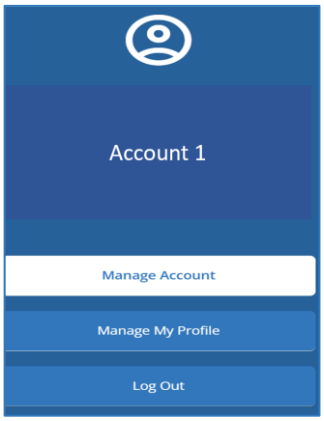
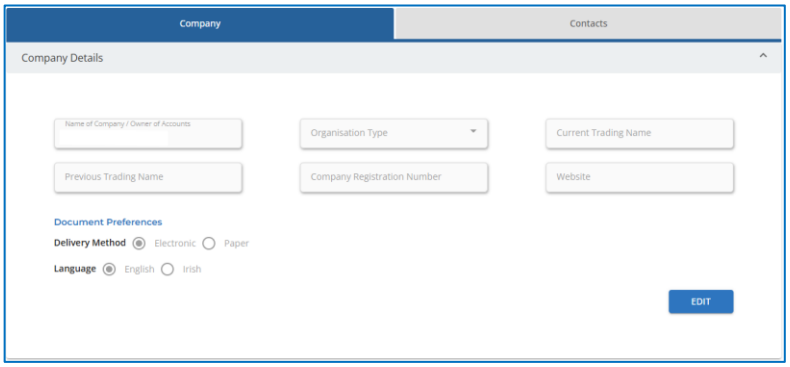
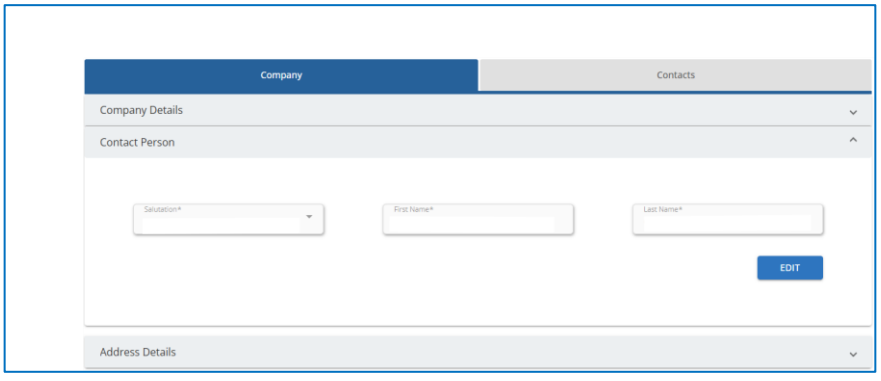
1) Use the Company menu to update your company details – address, main contact.

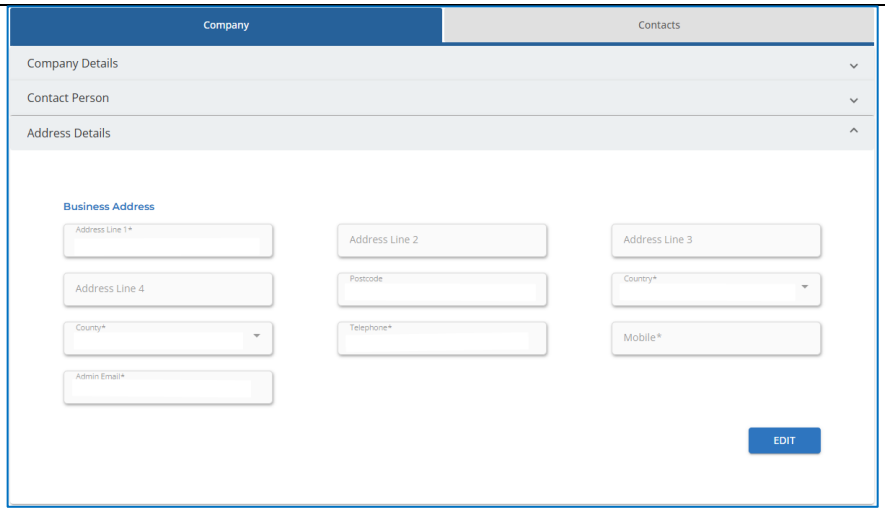
2) Use the Contact menu to:

	Add Additional Users to your account (ADD CONTACT). Remove a User (DELETE). Update User details (DETAILS).  Note: At least one contact must have Online Access.

1. 	Access the Data.ComReg portal at the following link: https://data.comreg.ie/ Log in to the Data.ComReg portal.
2.	Click Account 

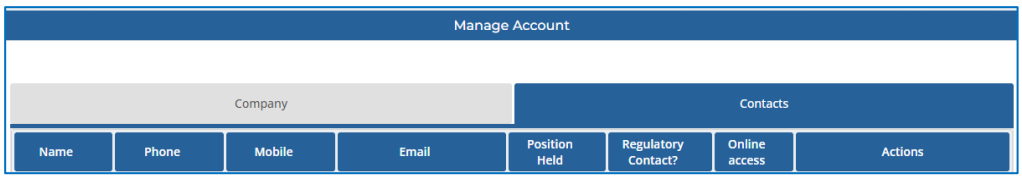
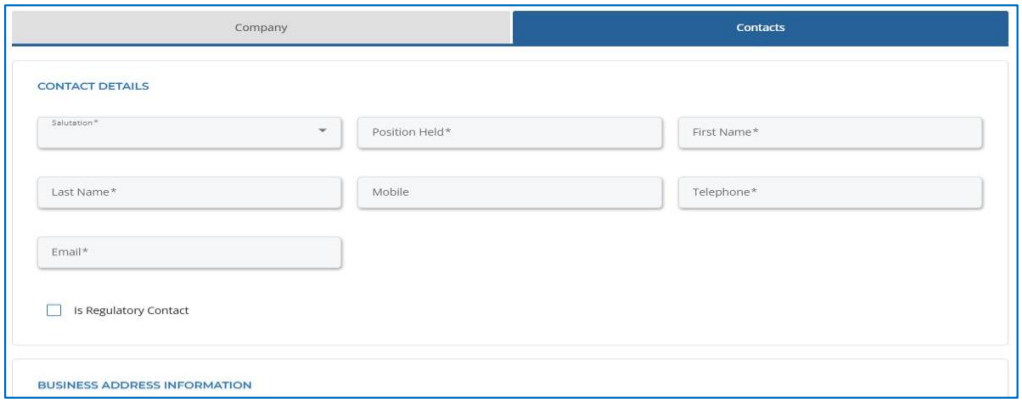
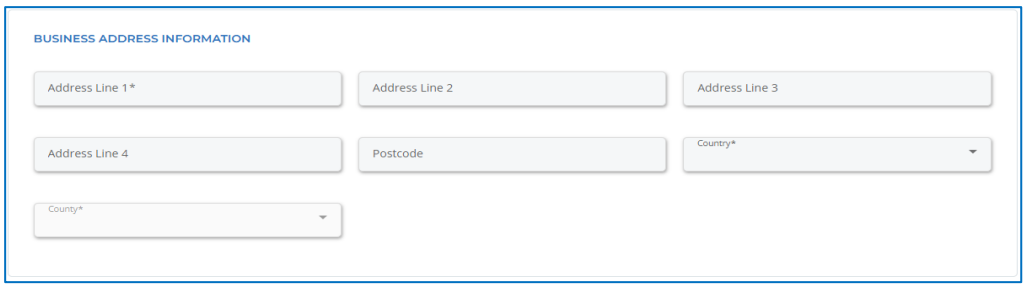
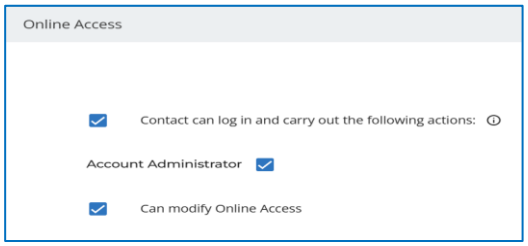
3.1 Update your company details

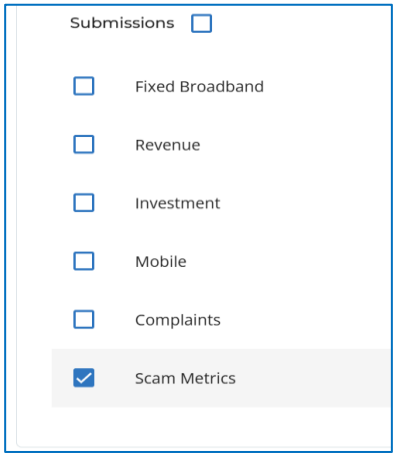
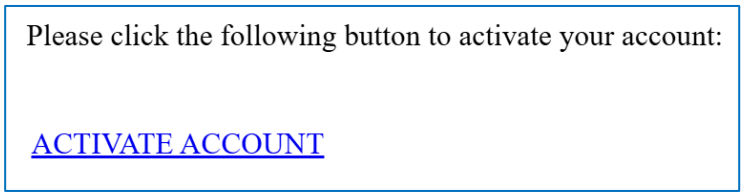
1.	Click Manage Account. 
2.	Select the Company tab. Fill in the Company Details.  Click EDIT when finished.
3.	Fill in the Contact Person.  Click EDIT when finished
4.	Fill in the Address Details.



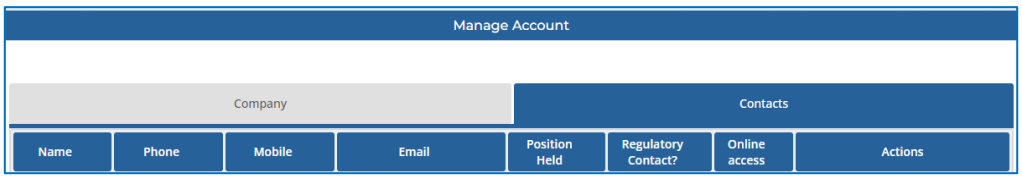
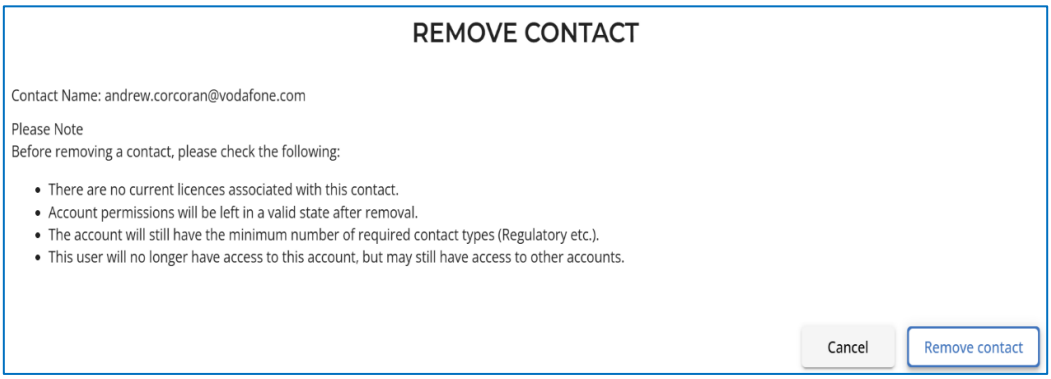
Click EDIT when finished.

3.2 Add Additional Users to your account

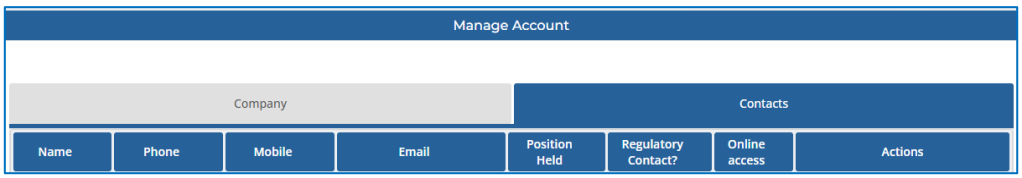
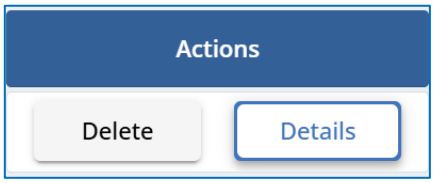
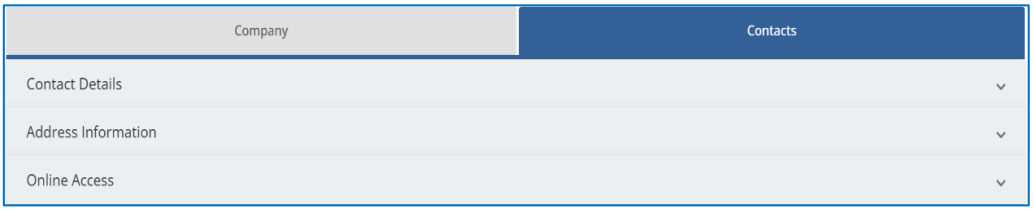
1.	Select the Contacts tab. 
2.	Click ADD CONTACT.
3.	Fill in the new Contact Details. 
4.	Fill in the Business Address Information. 
5.	Fill in the Online Access Permissions.  Note: At least one contact must have Online Access.

6.	Tick the Scam Metrics Submission option to enable data provision for Scam Metrics. 
7.	Click ADD NEW CONTACT.
8a. 	If the new contact **does not have any existing ComReg Account** (for example: SMS SenderID Registry; eLicensing etc), an automatic ACTIVATE ACCOUNT email will be sent to the new user. The new user can then setup their new password and MFA access. 
8b. 	If the new contact **has an existing ComReg Account** (for example: SMS SenderID Registry; eLicensing etc) an automatic email notification will NOT be sent to them after they have been added. The new user can now login to Data.ComReg portal using their existing ComReg Account Username & Password (for example their SMS SenderID Registry Username & Password). Inform the new user that their account has been created and they can now login to Data.ComReg.

3.3 Remove A User

1.	Select the Contacts tab. 
2.	Select Delete for a specific User.
3.	Click Remove contact. 

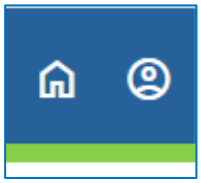
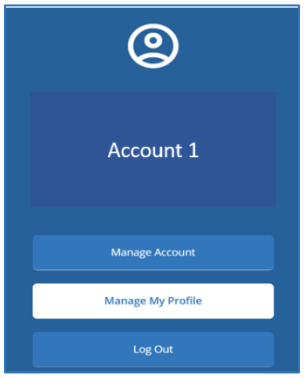
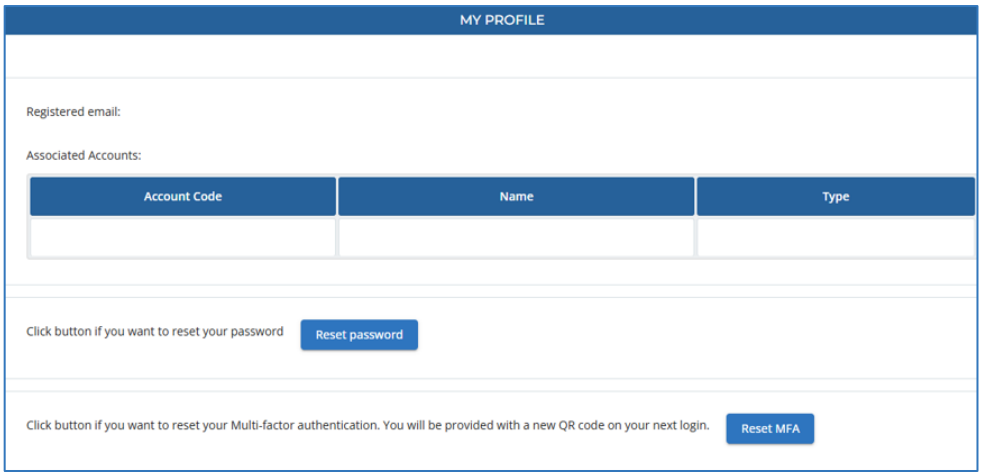
3.4 Update User Details

1.	Select the Contacts tab. 
2.	Select Details for a specific User. 
3.	Click Contact Details, Address Information or Online Access: 
4.	Select EDIT and make the necessary changes and then once complete select UPDATE.

3.5 Manage My Profile

The Manage My Profile option provides the ability to:

1) Reset your password.
2) Reset your Multi-Factor Authentication.

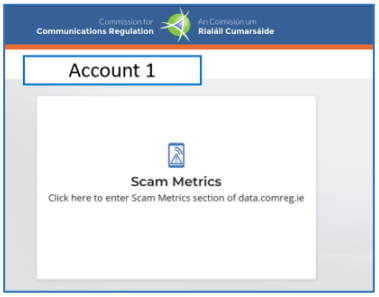
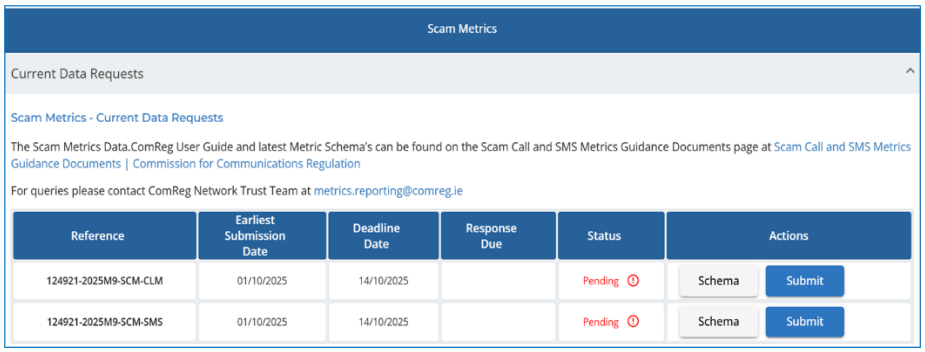
1.	Access the Data.ComReg portal at the following link: https://data.comreg.ie/ Log in to the Data.ComReg portal.
2.	Click Account in top right-hand corner. Click Manage My Profile.  
3.	Check the Associated Account(s). 

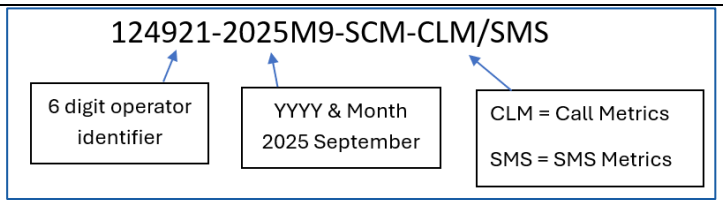
4.	Click Reset Password to reset password. ➔ A RESET PIN email will be sent to User.
5.	Click Reset MFA to reset your MFA. ➔ A New QR Code will be presented at your next login.

4 Submitting Reports

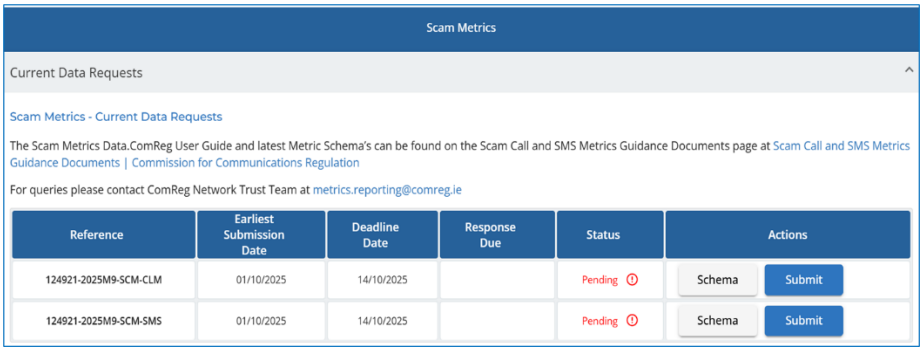
4.1 Submit Monthly Metric Reports

Follow these instructions to Submit (upload) your monthly metrics report to Data.ComReg – Scam Metrics – Current Data Request by the deadline date (no later than 10 working days from the final day of the calendar month).

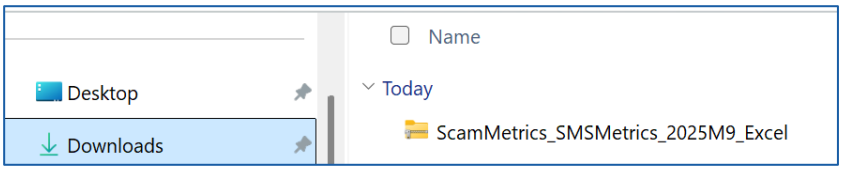
1.	Select Scam Metrics Card: 
2.	Select Current Data Requests:
3.	A Current Data Request example:  September (M9) 2025 Monthly Report Data Requests. Deadline: 14th Oct (10 working days after last day of calendar month).



4. Download the latest Voice (Calls) or SMS Schema's by clicking the Schema button:



The File will be downloaded to your 'Download' Directory:



5. The Schema's may also be downloaded using the following links

Go to the https://www.comreg.ie/website.

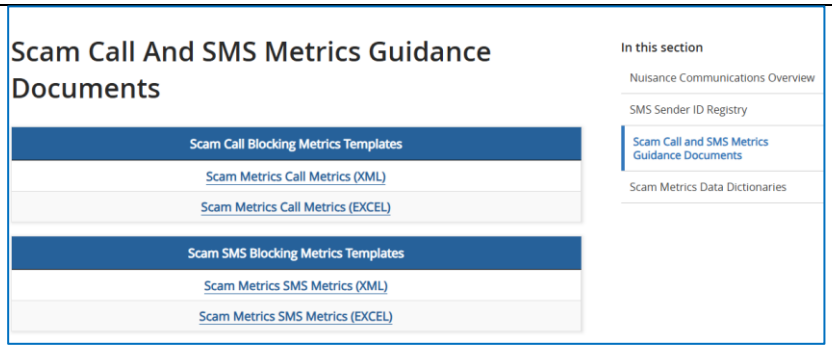
Open the Nuisance Communications page.

Select the Scam and SMS Metrics Guidance Document section.

https://www.comreg.ie/industry/electronic-communications/nuisance-communications/scam-call-and-sms-metrics-guidance-documents/

Choose the required template type.

Click on relevant Schema to download.

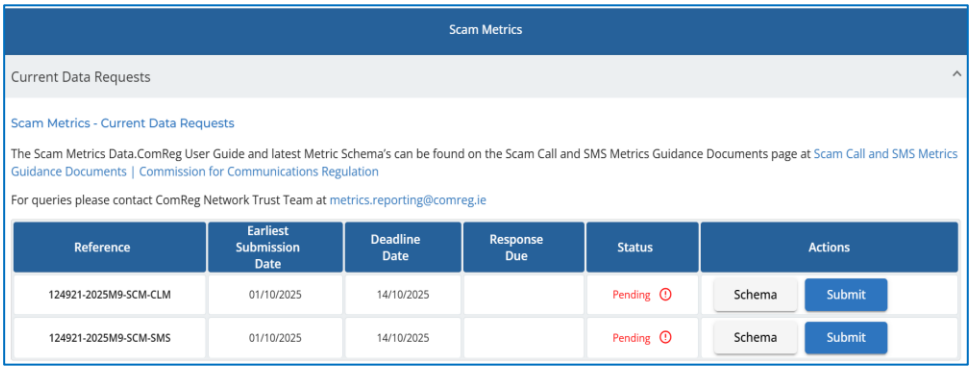


6. Complete the schema template.

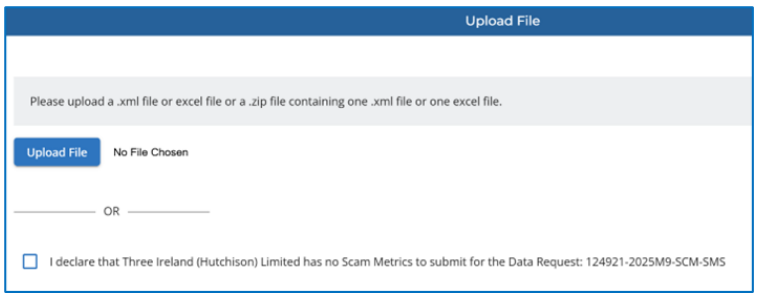
See the following sections for detailed instructions:

- Completing SMS Metrics Excel XLSB Template.
- Completing Call Metrics Excel XLSB Template.

7. Upload the completed template using the Submit button:



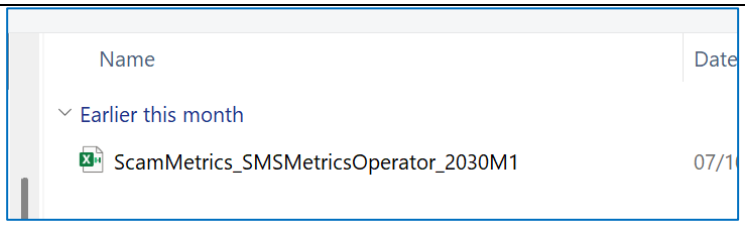
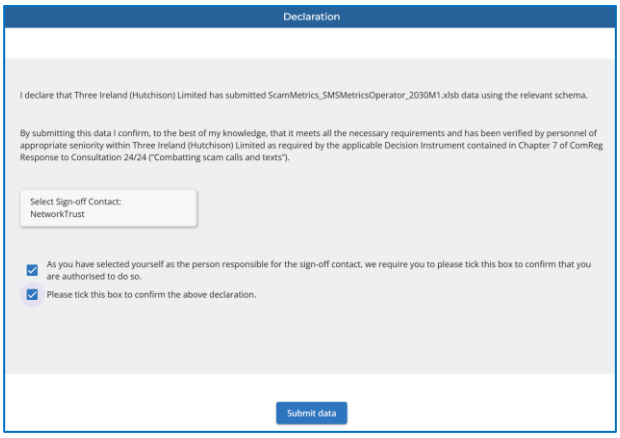
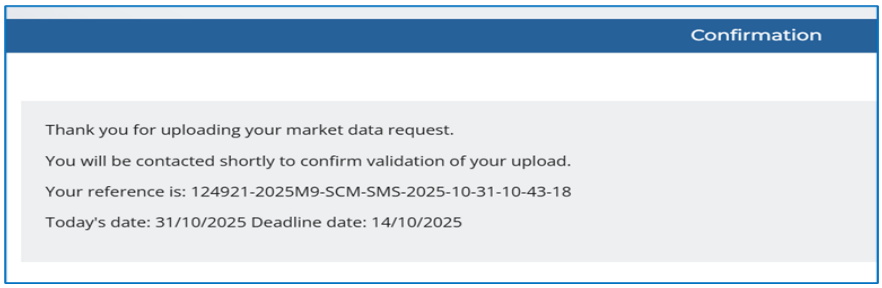
8. Select Upload File:

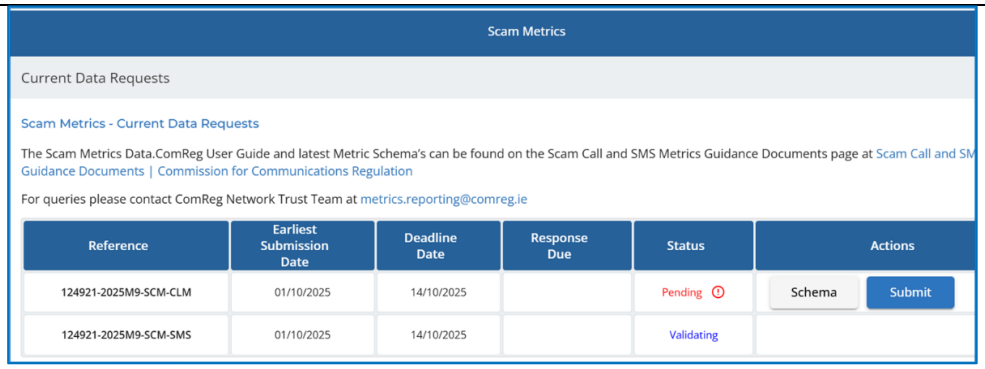


The accepted formats are:

- Excel .XLSB (Binary)
- .XML
- .ZIP

No specific filename convention is required, the system will automatically name the file after being uploaded.

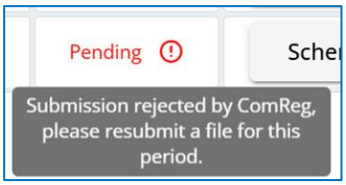
	 The system will display the name of the selected file. Click Next to continue the process.
9.	Select Sign-off contact. Tick the Declaration's and then click the Submit data button: 
10.	Receive Confirmation of your upload:  Click Back to current requests.
11.1	**Wait for feedback** from the system. The status Validating will be presented whilst system processes your uploaded file:



After the system has validated your upload, wait for feedback via email and observe the new 'Status' granted.

11.2

If you upload contains error(s) the Status will change to Pending !



You will receive an email detailing the errors (example below):

Dear Network Trust,

Your submission was rejected because it contains errors (as detailed below).

Validation errors :

Error - Error 0050 - The excel spreadsheet contains at least one invalid cell value. Please check all cells contain valid entries. Alternatively the template may be corrupted. If all entries are valid please paste the data into a new template (available at data.comreg.ie) and resubmit.
Error - Error 0001 - Error reading submitted file: Data at the root level is invalid. Line 1, position 1.

Please review these errors and upload a new corrected file.

Regards,
The ComReg Network Trust Team

Correct the errors in the template and reattempt to Submit (upload) again.

For advice, see the following sections:

- Excel XLSB Template Guidance
- Appendix 1: Submit (Upload) Error Codes

11.3

If you upload contains **NO errors** the Status will change to Submitted.

(The file has been Submitted successfully but you must wait for final 'Accepted' status).

	Submitted Example email: Dear Network Trust, Your submission has been received and is awaiting analysis by the ComReg Network Trust Team. You will receive another email when the submission has been **accepted** by the ComReg Network Trust Team. Thank you for your submission. Regards, The ComReg Network Trust Team
11.4

4.2 Download Schemas via web link

The Schema's may also be downloaded using the following links.

Go to the https://www.comreg.ie/website.

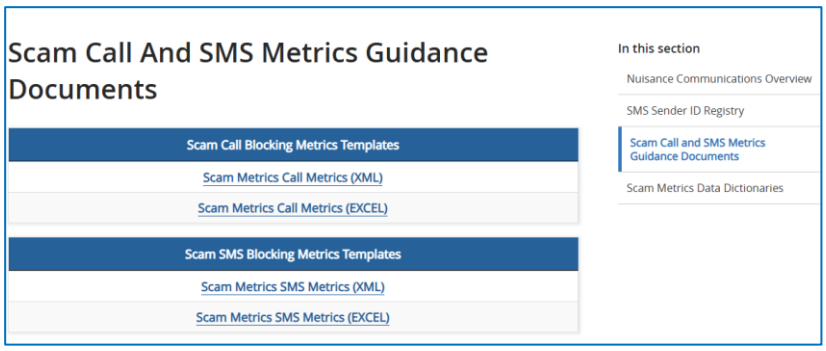
Open the Nuisance Communications page.

Select the Scam and SMS Metrics Guidance Documents section.

https://www.comreg.ie/industry/electronic-communications/nuisance-communications/scam-call-and-sms-metrics-guidance-documents/

Choose the required template type.

Click on relevant Schema to download.



4.3 Download Schemas via API

The Schema's may also be downloaded using the following API endpoints:

SMS:

https://gateway.comreg.ie/MarketData/download-schema/SCM/SMS/XML

https://gateway.comreg.ie/MarketData/download-schema/SCM/SMS/EXCEL

CALLS:

https://gateway.comreg.ie/MarketData/download-schema/SCM/CLM/XML

https://gateway.comreg.ie/MarketData/download-schema/SCM/CLM/EXCEL

4.4 Schema Data Dictionaries

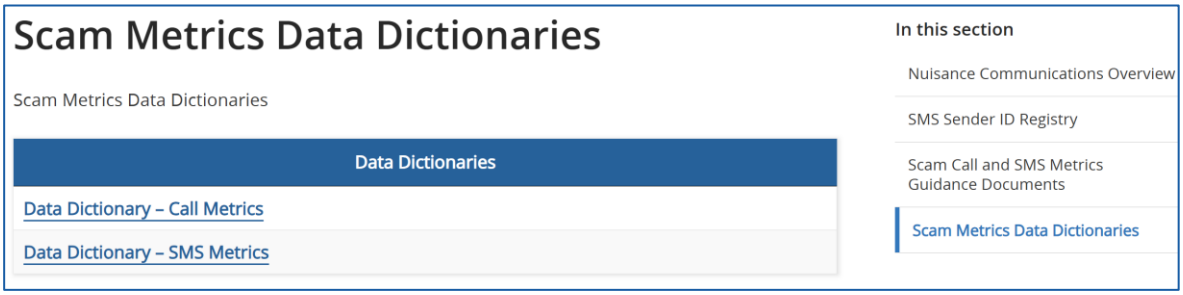
The Schema Data Dictionaries (definitions of all variables within the schemas) can be downloaded using the following links.

Go to the https://www.comreg.ie/website.

Open the Nuisance Communications page.

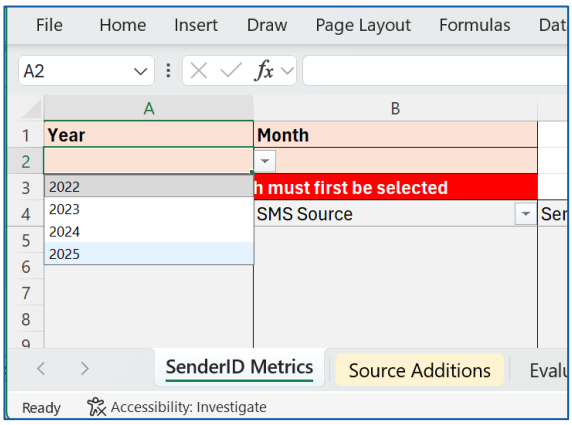
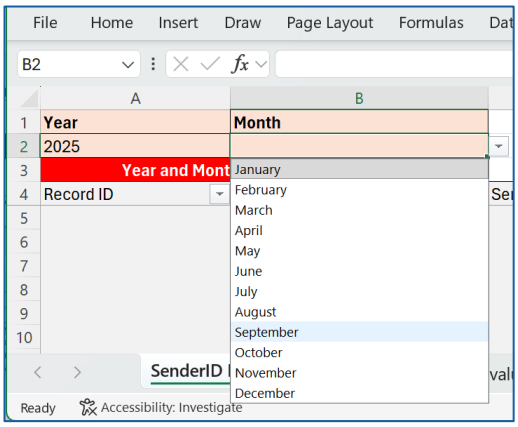
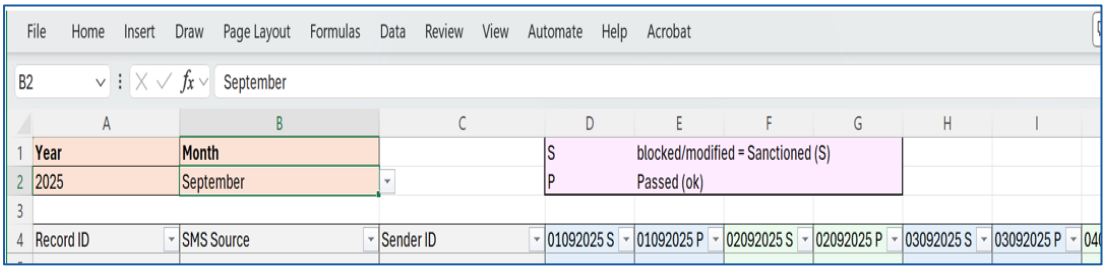
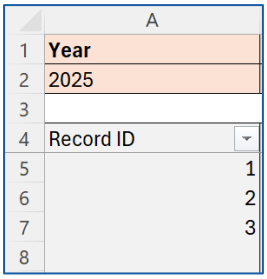
Select the Scam Metrics Data Dictionaries section.

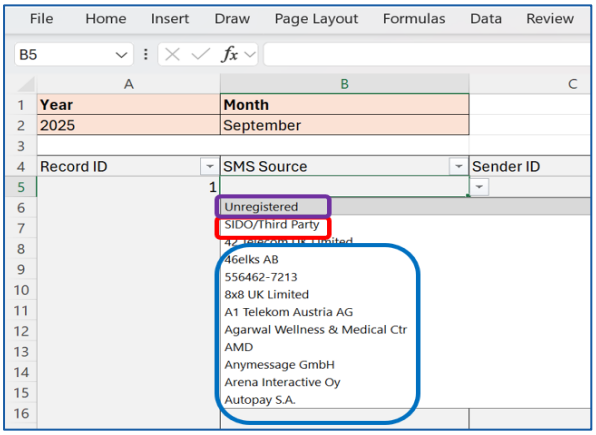
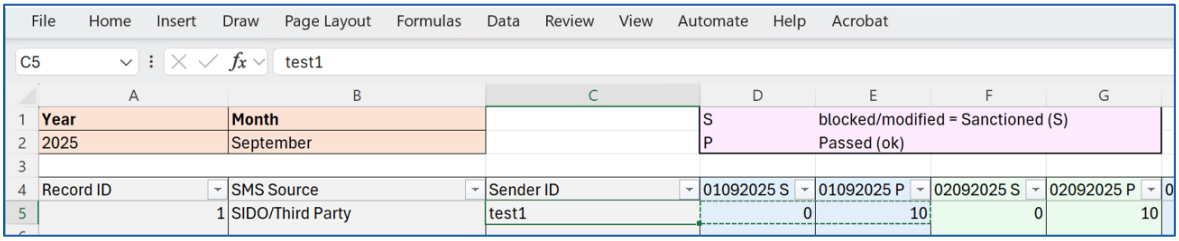
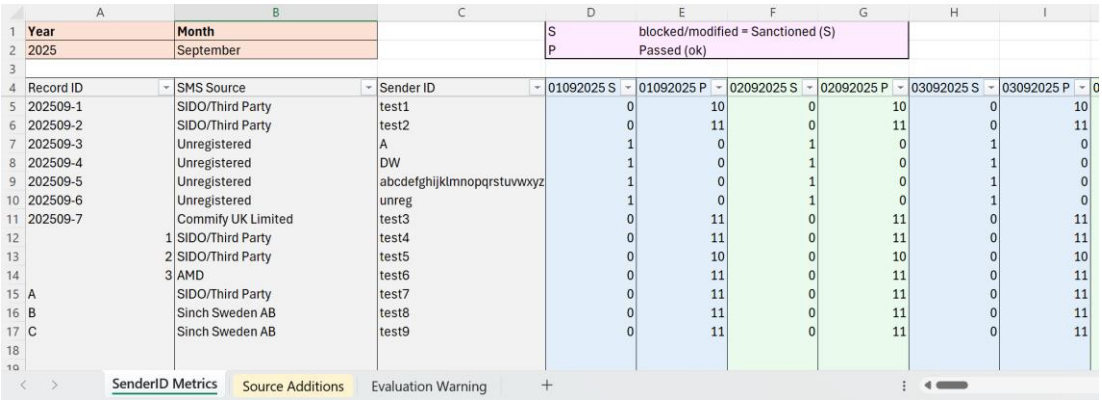
https://www.comreg.ie/industry/electronic-communications/nuisance-communications/scam-metrics-data-dictionaries/

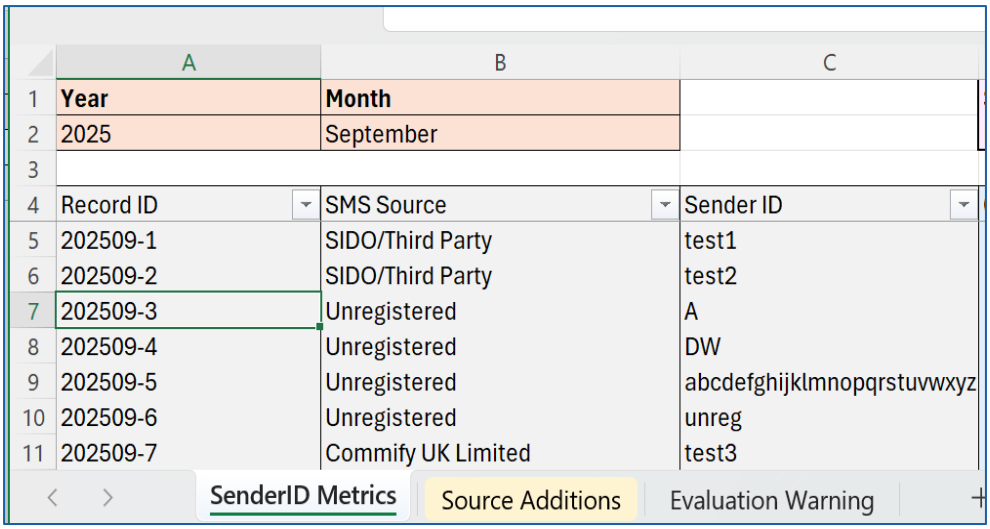
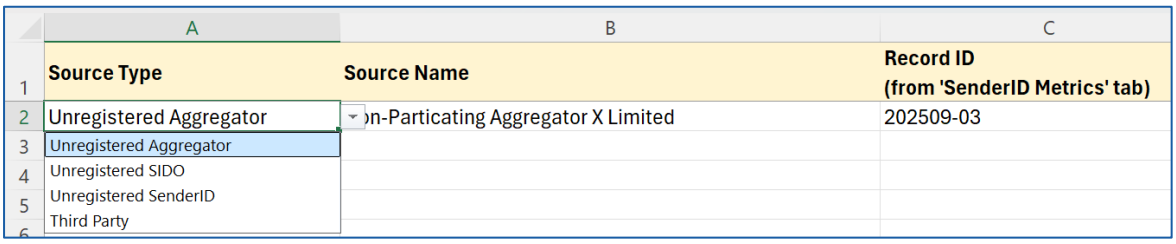


4.5 Completing SMS Metrics Excel XLSB Template

Follow these instructions and refer to the section *Excel XLSB Template Guidance* to fill in your SMS metrics monthly report using the Excel XLSB schema. (Refer to the Data Dictionary for definitions).

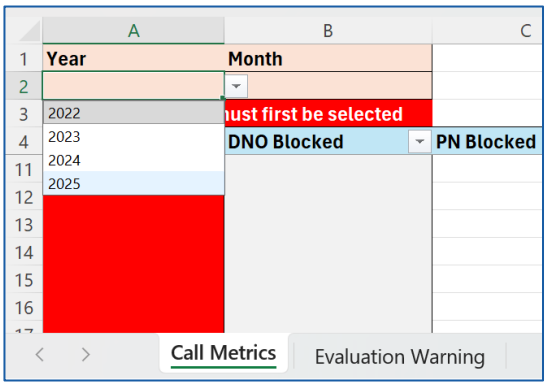
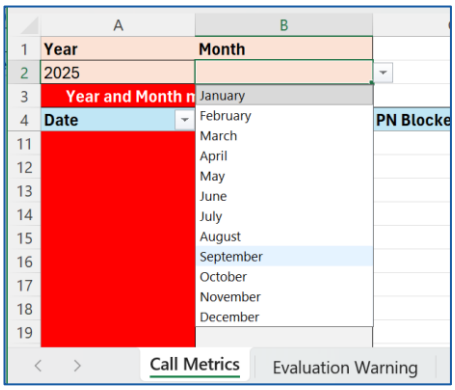
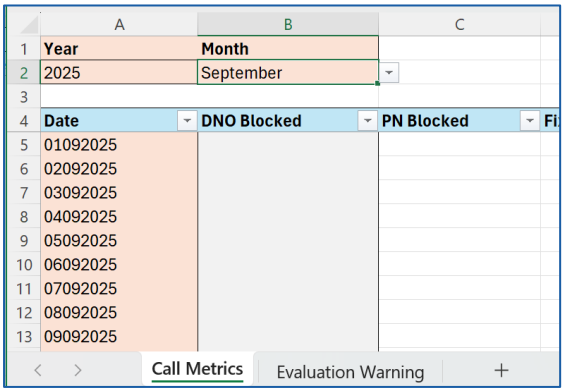
1.	Select the SenderID Metrics sheet. Select the Year and Month from the drop-down lists.   Note: Selected Month/Year must match the Current Data Request in the Scam Metrics Portal.
3.	The sheet will auto populate all the days of the selected year/month: 
4.	Insert a unique Record ID for each of your line entries.  Record ID must be unique, up to 50 characters, alphanumeric and only with special characters (space) (.) (#) (/) (\) (_) (-)

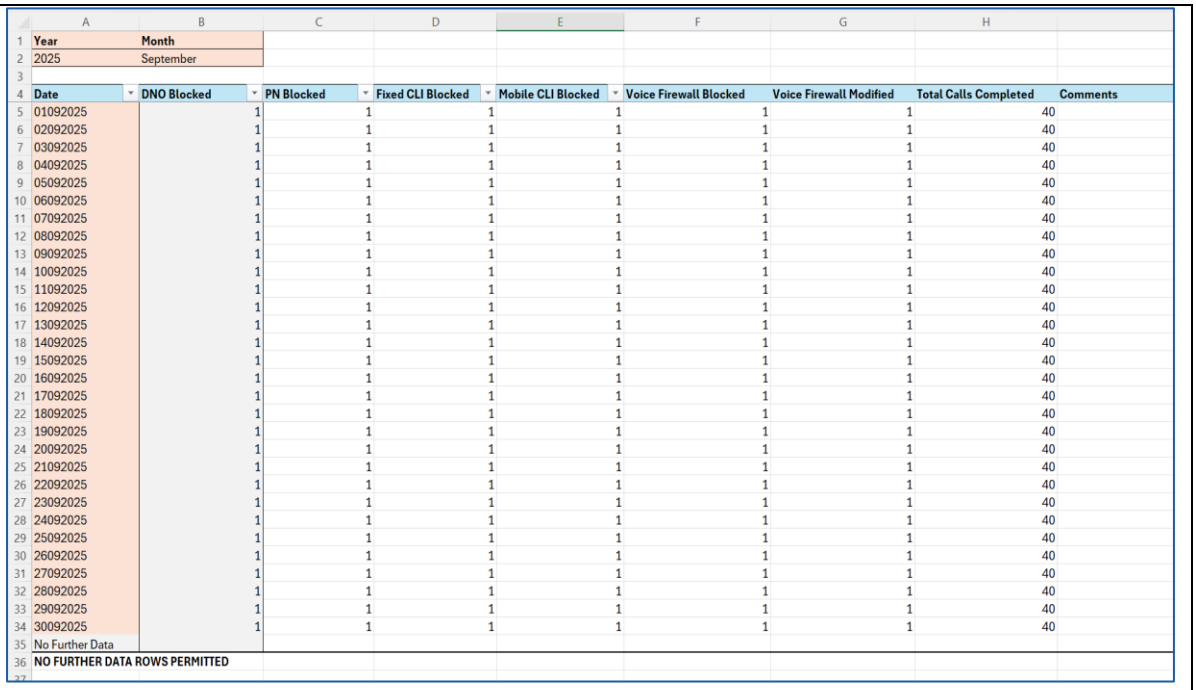
5.	Select the relevant SMS Source from the drop-down list.  Pick one of the three options for each Record ID (row): 1. Select 'SIDO/Third Party' where PA is acting as a OPA with directly connected SIDO/Third Party (org name not required). 2. Select from the drop-down list the org name of the registered PA that sent you the message with that SenderID. 3. Select 'Unregistered' when the source is not on drop down list.
6.	Insert the SenderID plus the Sanctioned (S) or Passed (P) values for each day.  Note: Do not leave any Sanctioned (S) or Passed (P) entries blank (if no data, enter zero), otherwise the Submit (Upload) will fail.
7.	Example of a completed SenderID Metric sheet: 

8.	The Source Additions sheet is OPTIONAL. This sheet can be used in cases where the SMS Source has been recorded as Unregistered in the SenderID Metrics sheet. For instance, if you are receiving traffic from a non-participating aggregator the name of that Unregistered Aggregator can be included here.  The Record ID in the Source Additions sheet must match the Record ID in the SenderID Metrics sheet:  Use the other Source Type options in the drop-down list where relevant.
9.	SAVE the sheet.

4.6 Completing Call Metrics Excel XLSB Template

Follow these instructions and refer to the section *Excel XLSB Template Guidance* to fill in your Call metrics monthly report using the Excel XLSB schema. (Refer to the Data Dictionary for definitions).

1.	Select the Call Metrics sheet. Select the Year and Month from the drop-down lists.   Note: Selected Month/Year must match the Current Data Request in the Scam Metrics Portal.
3.	The sheet will auto populate all days of the selected year/month. Example: 
4	Enter your daily measured values in each of the relevant columns. Example of a completed sheet:



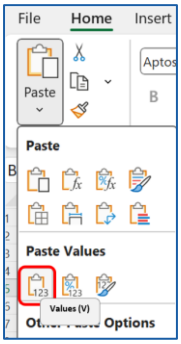
Year	Month
2025	September

Date	DNO Blocked	PN Blocked	Fixed CLI Blocked	Mobile CLI Blocked	Voice Firewall Blocked	Voice Firewall Modified	Total Calls Completed	Comments
01092025	1	1	1	1	1	1	40	
02092025	1	1	1	1	1	1	40	
03092025	1	1	1	1	1	1	40	
04092025	1	1	1	1	1	1	40	
05092025	1	1	1	1	1	1	40	
06092025	1	1	1	1	1	1	40	
07092025	1	1	1	1	1	1	40	
08092025	1	1	1	1	1	1	40	
09092025	1	1	1	1	1	1	40	
10092025	1	1	1	1	1	1	40	
11092025	1	1	1	1	1	1	40	
12092025	1	1	1	1	1	1	40	
13092025	1	1	1	1	1	1	40	
14092025	1	1	1	1	1	1	40	
15092025	1	1	1	1	1	1	40	
16092025	1	1	1	1	1	1	40	
17092025	1	1	1	1	1	1	40	
18092025	1	1	1	1	1	1	40	
19092025	1	1	1	1	1	1	40	
20092025	1	1	1	1	1	1	40	
21092025	1	1	1	1	1	1	40	
22092025	1	1	1	1	1	1	40	
23092025	1	1	1	1	1	1	40	
24092025	1	1	1	1	1	1	40	
25092025	1	1	1	1	1	1	40	
26092025	1	1	1	1	1	1	40	
27092025	1	1	1	1	1	1	40	
28092025	1	1	1	1	1	1	40	
29092025	1	1	1	1	1	1	40	
30092025	1	1	1	1	1	1	40	
No Further Data								
NO FURTHER DATA ROWS PERMITTED								

5. SAVE the sheet.

4.7 Excel XLSB Template Guidance

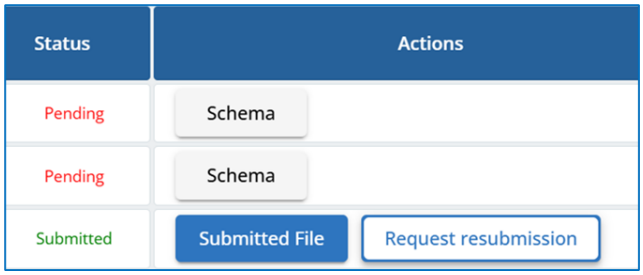
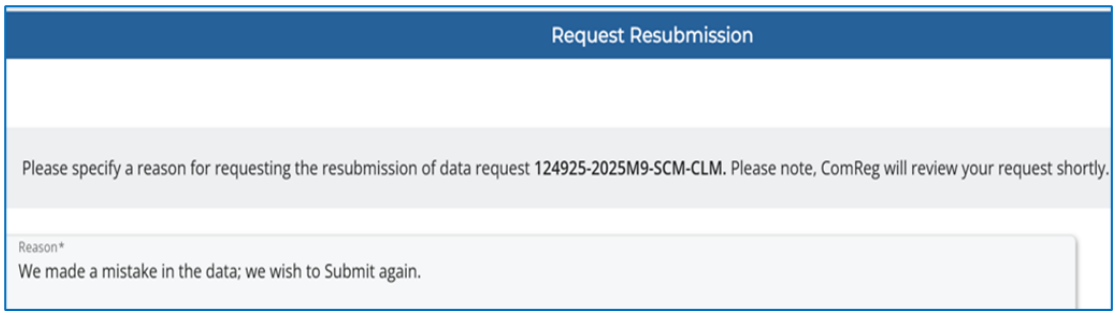
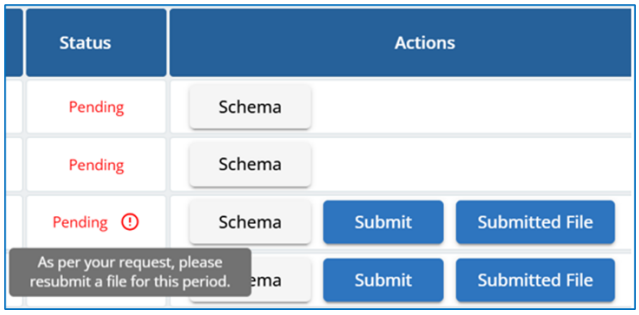
The following guidance may assist you in achieving an error free submission.

1.	The templates (schemas) incorporates a macro. Your organisation's security policy may not allow you to *Enable* the macro. The macro forces a *Paste Special* ***with Values*** when the C*opy & Paste* function is used. If the macro cannot be *Enabled*, then when copying from another source, (for instance, another separate sheet) and pasting into the template, always remember to use the ***Paste Special with Values*** option: 
2.	It is best practice to always download the latest schema for each month's submission. It is envisaged that the Call Metrics schema will very rarely be updated. It is envisaged that the SMS Metrics schema will be updated more frequently: specially when new Participating Aggregators are approved, the SenderID Metrics tab, SMS Source drop-down list will be updated. Similarly, if the Participating Aggregator is withdrawn or revoked the SMS Source drop-down list will be update. Note: If a Participating Aggregator (PA) is withdrawn or revoked, it will not be removed from the SMS Source drop-down list until the month after it was withdrawn or revoked.
3.	Do not fill any data in the sheets outside of the requested field ranges. For instance, if a month contains 30 days, do not by mistake, fill in data for a 31st day.
4.	Do not leave any requested fields blank. If there is no data, fill in with a 0 (zero).
5.	Always ensure the Year and Month in the template matches the Year and Month requested in the Current Data Request.
6.	When filling in the Schema, if a Non-Participating Aggregator (NPA) becomes approved as a Participating Aggregator (PA), please enter the SMS source as the

	PA name from the drop down in the SMS Source column or the mi-lookups xsd file. For dates up to when it became approved, count its sender IDs in the sanctioned column. After the date it became approved, please count its sender IDs in the pass column (ensuring the sender IDs are approved in the registry). There is no need to download old metric files and retrospectively update the rows with the new PA that had been previously noted as unregistered.

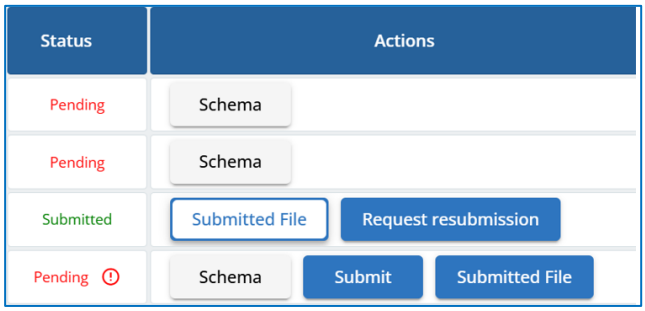
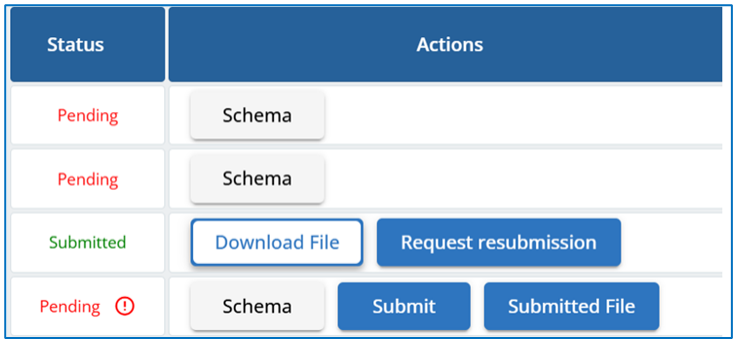
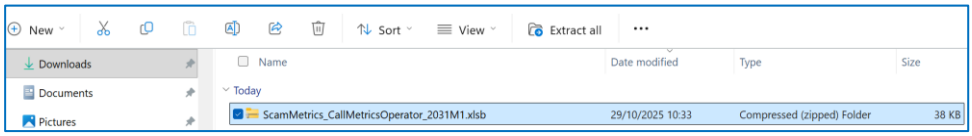
4.8 Request a Report Resubmission

You may Request a Resubmission of a metrics report you have already submitted.

1	Select Request Resubmission within Current Data Request. 
2	Enter the Reason for resubmission  Tick to Confirm request then click Submit.
3.	The ComReg Administrator will assess your request. Feedback of approval / rejection will be sent via email.
4.	If approved, you may Submit again: 

4.9 Download an already Submitted File

User may download a metrics report they have already submitted.

1.	Select Submitted File within Current Data Request 
2.	Select Download File 
3.	File downloaded to your Downloads directory: 

Appendix 1: Submit (Upload) Error Codes

After submitting your metric report, you may receive feedback on errors that need correcting before submitting your report again. Use these descriptions to assist you in correcting the errors.

General Validation Rules

If the submitted file cannot be read:	
Error	**Error 0001 - Error reading submitted file: {ErrorMessage}**
Instructions	This error occurs when the system cannot read the file you submitted. Please check the file format or try resubmitting.
Case where an invalid file type is submitted (only .xlsx, .xlsb allowed, or a zip file containing same):	
Error	**Error 0002 - Invalid file type on submission: '{FileExtension}'.**
Instructions	Only xlsx, xlsb, or a zip file containing these formats are allowed. Please check your file type and submit the correct one.
Case where the .xml submitted does not match the schema type (i.e. submitting a Retail type xml for a Network Data Request):	
Error	**Error 0004 - The submitted file is in an incorrect format, or it was submitted for the wrong submission type.**
Instructions	The zip file should contain a file with the correct extension and the required data. Please check the contents and the correct month and year of submission data.
Case where the Excel file contains any #N/A or #REF cell value on the normalised sheets:	
Error	**Error 0050 - The excel file contains at least one invalid cell value. Please recreate the file using the latest template and submit it again.**
Instructions	The Excel file contains invalid cell values (e.g., #N/A, #REF) on the SMS/Call Metrics sheet. Please use the latest template and correct the errors before resubmitting.
Case where the .zip file is corrupted:	
Error	**Error 0085 - The submitted .zip file is corrupted. Please recreate the .zip file and submit it again.**

Instructions	The system was unable to process your zip file because it appeared to be corrupted or unreadable. Please create a new zip file using the correct format and try uploading it again.
Case where the .zip contains multiple files, and the market doesn't accept it (e.g. a fixed broadband zip with multiple files is invalid):	
Error	**Error 0103 - The .zip file for {MarketName} must contain only one file.**
Instructions	The zip file should only contain one file. Please check the contents and submit the zip file with a single file.
Case where the file inside the .zip is not allowed for the market (e.g. a fixed broadband zip with a .doc inside):	
Error	**Error 0104 - The .zip file for {MarketName} must contain a file from the following extensions: {extensions}.**
Instructions	The zip file must contain only the allowed file types. Please ensure that only the correct file types (e.g., xlsx, xlsb) are inside the zip.
Case where a .zip does not contain a required file for that market (e.g. a network map that does not contain an allowed map file type among the files in the zip):	
Error	**Error 0105 - The .zip file for {MarketName} must contain at least one file with the following extensions: {allowed extensions}**
Instructions	The zip file must contain at least one file without the following extensions: .xls, .xlsx, .xlsb. Please add the missing file and try again.
Case where the Excel does not contain the columns IsBADCheck or IsBADResult on the Lookup worksheet:	
Error	**Error 0249 - We note that you are using a previous version of the data request template, please ensure you use the latest schema/template. This is available to download from data.comreg.ie.**
Instructions	The Excel file contains an outdated version of the data request template. Please use the latest template that includes the columns IsBADCheck and IsBADResult on the Lookup worksheet.
Case submitted file has no data filled on it:	
Error	**Error 0108 - The submitted file has no data.**
Instructions	The file submitted has no data. Please ensure the file contains the required information and submit it again.

SMS Metrics Validation Rules

Where the SMS Metrics Operator ID is NOT equal to the ERAU ID:	
Error	**Error 0453 - SMSOID (SMS Metrics Operator ID) must match the account doing the submission. You can find your SMS Metrics Operator ID in the schema lookups**
Instructions	The file submitted contains an Operator ID that does not match the account doing the submission. Please check the Operator ID in the schema lookups.
Where the SMS Metrics Operator ID is EQUAL to the ERAU ID AND the SMS Metrics Operator lookup contains the SMS Metrics Operator ID:	
Error	**Error 0454 - SMSOID (SMS Metrics Operator ID) must be a valid SMS Metrics Operator. The Operator ID entered is not a recognised SMS Metrics Operator.**
Instructions	The file submitted contains an invalid Operator ID. Please check the Operator ID in the schema lookups.
Where the starting Month is NOT equal to the Submission Month OR the starting Year is NOT equal to the Submission Year:	
Error	**Error 0458 - The Month/Year entered does NOT match the Data Request period submitted.**
Instructions	The file submitted contains Month/Year values that do not match the Data Request period submitted. Please check the specified Month/Year and make corrections according to the Data Request period.
Where the Call Metrics List is empty (the file has no data):	
Error	**Error 0108 - The submitted file has no data.**
Instructions	The file submitted has no data. Please ensure the file contains the required information and submit it again.
Where SenderID Length is greater than eleven characters:	
Error	**Error 0455 - ID (RecordID): [recordID], SID (SenderID) max length cannot be greater than 50 characters.**
Instructions	The file submitted contains a Sender ID whose length exceeds the 50 characters allowed. Please correct the Sender ID and resubmit.
Where the number of days in the month is equal to 28 AND either days 29th, 30th, 31st Sanctioned or Passed has value OR The number of days in the month is equal to 29 AND either day 29 Sanctioned or	

Passed does NOT have value OR days 30th, 31st Sanctioned or Passed has value, OR The number of days in the month is equal to 30 AND either days 29th, 30th Sanctioned or Passed does NOT have value OR Day 31st Sanctioned or Passed has value, OR The number of days in the month is equal to 31 AND either day 29th, 30th, 31st Sanctioned or Passed does NOT have value:	
Error	**Error 0456 - ID (RecordID): [recordID], the data doesn't match the number days in the selected month.**
Instructions	The file submitted contains data for days that do not exist in the selected Month/Year. Please review the columns Sanctioned and Passed and remove or correct any values for non-existent days, ensuring only valid days for the month are included.

Call Metrics Validation Rules

Where the Call Metrics Operator ID is NOT equal to the ERAU ID:	
Error	**Error 0446 - CLMOID (Call Metrics Operator ID) must match the account doing the submission. You can find your Call Metrics Operator ID in the schema lookups**
Instructions	The file submitted contains an Operator ID that does not match the account doing the submission. Please check the Operator ID in the schema lookups.
Where the SMS Metrics Operator ID is EQUAL to the ERAU ID AND the SMS Metrics Operator lookup contains the SMS Metrics Operator ID:	
Error	**Error 0447 - CLMOID (Call Metrics Operator ID) must be a valid Call Metrics Operator. The Operator ID entered is not a recognised Call Metrics Operator**
Instructions	The file submitted contains an invalid Operator ID. Please check the Operator ID in the schema lookups
Where the starting Month is NOT equal to the Submission Month OR the starting Year is NOT equal to the Submission Year:	
Error	**Error 0458 - The Month/Year entered does NOT match the Data Request period submitted**
Instructions	The file submitted contains Month/Year values that do not match the Data Request period submitted. Please check the specified Month/Year and make corrections according to the Data Request period

Where the Call Metrics List is empty (the file has no data)	
Error	**Error 0108 - The submitted file has no data.**
Instructions	The file submitted has no data. Please ensure the file contains the required information and submit it again.
Where the length of the Call Metrics submissions is NOT equal to the number of days in the given month, OR the first day is NOT equal to 1:	
Error	**Error 0448 - ID (RecordID): [recordID], invalid RD (Date), month dates missing or out of order.**
Instructions	The file submitted contains data for days that do not exist in the selected Month/Year. Please review the date and remove or correct any values for non-existent days, ensuring only valid days for the month are included.
Where the current Year submission record is NOT equal to the previous Year submission record, OR the current Month submission record is NOT equal to the previous Month submission record, OR the current Day submission record (minus 1) is not equal to the previous day submission record:	
Error	**Error 0448 - ID (RecordID): [recordID], invalid RD (Date), month dates missing or out of order.**
Instructions	The file submitted contains a mismatch in the submission dates: current Year does not match the previous Year, or current Month does not match the previous Month, or the current Day does not match the previous Day. Please review and correct the submission records accordingly.
Mandatory for designated Operators - currently BT, Colt, eir, Magrathea, Sky, Three, Verizon, Viatel, Virgin Media, and Vodafone.	
Error	**Error 449 - ID (RecordID): [recordID], FCLI (Fixed CLI Blocked) is required.**
Instructions	The file submitted contains missing required values in the Fixed CLI Blocked column. Please review and ensure all required fields are completed and resubmit.
Mandatory for designated Operators - currently BT, eir, Sky, Three and Vodafone.	
Error	**Error 450 - ID (RecordID): [recordID], MCLI (Mobile CLI Blocked) is required.**
Instructions	The file submitted contains missing required values in the Mobile CLI Blocked column. Please review and ensure all required fields are completed and resubmit.

Mandatory for designated Operators - currently Three, eir, Vodafone and Virgin Media	
Error	**Error 451 - ID (RecordID): [recordID], VFB (Voice Firewall Blocked) is required.**
Instructions	The file submitted contains missing required values in the Voice Firewall Blocked column. Please review and ensure all required fields are completed and resubmit.
Mandatory for designated Operators - currently Three, eir, Vodafone and Virgin Media.	
Error	**Error 452 - ID (RecordID): [recordID], VFM (Voice Firewall Modified) is required.**
Instructions	The file submitted contains missing required values in the Voice Firewall Modified column. Please review and ensure all required fields are completed and resubmit.

Appendix 2: XML File Descriptions

There are three files used to construct the monthly XML file for submission:

ScamMetric_SMSMetricsOperator_<year>M<month>.xsd	The ScamMetric_SMSMetricsOperator_<year>M<month>.xsd is the XML schema definition (XSD) that defines the files and constraints for the XML to be submitted. A new .xsd file will be issued each month with a new namespace specified, but the rest of the .xsd file will not change unless new fields are added, for which there is no plan. This .xsd file also references the mi-datatypes_<year>M<month>.xsd.
mi-datatypes_<year>M<month>.xsd	The mi-datatypes_<year>M<month>.xsd file is a shared datatype file with the Voice metrics and defines the datatype of the elements in the ScamMetric_SMSMetricsOperator_<year>M<month>.xsd file. A new .xsd file will be issued each month based on that month's filename. There will be no change to the structure of the file unless new fields are added, for which there is no plan. This .xsd file also references the mi-lookups_<year>M<month>.xsd
mi-lookups_<year>M<month>.xsd	This .xsd file defines the SMSMetricsSource possible values that can be populated into that element in the created XML. This file will be updated when there is a new PA added or removed. However, this will not change your XML script. **If your organisation accepts traffic from a newly added PA**, then you would need to make sure the name matches the enumerated name for that PA in this file.