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## 1. Introduction

This document aims to explain the procedure for incorporating a company, professional or entity to the B2B platform to send recurring communications consult them and download the attached files.

It also details the operation of the various functionalities and the technical explanation to connect to the APIs and the Recurring Communications Portal.

### 1.1 Related documents

- *Architecture document: 2506.01\_B2G\_Servei\_Presentacio\_de\_Comunicacions\_v1.10*
- *Functional document: 230404\_DFU\_Fitxers\_B2B\_V06*

## 2. System Overview

The B2B service is a transversal platform for the registration of recurring communications by companies, professionals, or entities.

Some examples of communications can be car rental, sale of objects, hotel accommodation, among others.

Generally, communications must pass a functional validation that will be done by the main Back Office of the type of communication.

Methods of registering a communication for companies:

1. Use of APIS, common case
2. Use of the Recurring Communications Portal

## 3. Onboarding process

The company, professional or entity will carry out a procedure through Canal Empresa to register on the platform and start sending recurring communications. In this procedure, the data of the company and the type of communication that will be sent are provided. See:


<https://canalempresa.gencat.cat/ca/integraciodepartamentaltramit/tramit/PerTemes/23951 - - Registre-destabliments-que-desenvolupen-activitats-rellevants-per-a-la-seguretat-ciutadana?category=>

The company will receive the corresponding data to be able to connect to the services offered by the platform. Depending on the type of service, JSON data will also be provided to start sending communications.

Depending on the type of communication, further information may be required. This data will be communicated in advance. If the company needs more information than what is specified in this document, they will receive it in the resolution of the procedure carried out in Canal Empresa.

Data that the company must provide

Camps	Description	Example
Company name	Company Name	Enterprise
CIF	Identification code of the company, entity or professional.	B00000001
Email	Email address of the company. Notices of communications will also be sent to this address.	empresa@gmail.com
Email language	Language in which you will open the electronic mail in case of error	Options: Catalan, Spanish, English or Arnes.

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		The BO message can go with a different language.
<b>Population Code</b>	Population code of the reference table "Poblacions".	080327
<b>Description Population</b>	Description of population of the reference table "Poblacions".	Caldes d'Estrac
<b>Communication Type Code</b>	Code of the type of service by which the company, entity or professional may make communications.  If the company reports more than one type of communication, these will be separated by a comma (,)	LLV, OB
<b>Sending Type</b>	Type of sending the communication. You must choose between one or both.	API, Form

Data that will be returned to the company

Camps	Description	Acquisition channel	Example
<b>Client ID</b>	Company identifier code to access the Corporate Manger API if "Shipping Type = API".	Resolution procedure	PRE: 8f5d8629530f676375b8808823df8195  PRO: 8f5d8629730f676375p8808823df8145
<b>Secret ID</b>	Company identifier code to access the Corporate Manger API if "Shipping Type = API".	Email provided	PRE: c9e40365bb290fdf8bbda4b1b71b8877
<b>Company ID</b>	Code that establishes the relationship of the company with the economic activity if "Type Shipment = Form"  It is a code that links company and type of communication. A company can have as many codes as types of communications registered. Same code in PRE and PRO	Resolution procedure	
<b>Service start date</b>	Start date that the company, entity or professional can start sending communications.	Resolution procedure	16/04/2023 09:00:00
<b>End date of service</b>	End date on which the company, entity or professional can send communications.	Resolution procedure	16/04/2023 09:00:00

## 4. Access


### 4.1 Preproduction

#### 4.1.1 Test procedure

Once the company, professional or entity has the API Manager keys through the pre-production environment, they can start the testing phase.

Some essentials to do the tests are the following:

- Do end-to-end tests to verify that all the functionalities of the service work correctly. Therefore, the following should be tested:
  - Send communication data (API)
  - Send communication attachments (APIs). If the type of communication does not require attachments, it is NOT necessary to test it.
  - Consult the communications sent (API)

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- Check that the reading of the communications corresponds to those that have been sent.
- See the list of attachments (API)
- Download attachments (API)
- To demonstrate the correct functioning and understanding of the system, the communication IDs will be used to check their status. In other words, if 10 IDs are sent, it will be validated that these same IDs are in the corresponding status in the DB. The company will notify that it has completed the tests in the PRE environment (See section 9 Queries / Incident Support), attach the IDs and request the PRO Secret ID. The technical office will then send the PRO Secret ID to the email address provided during the registration process.

To resolve doubts and errors go to section 9. *Queries / Incident Support*

#### **4.1.2 By API**

Each functionality of the platform explains how to access by API in the two environments.

#### **4.1.3 Per screen**

There are no screen tests of the Communications Portal.

### **4.2 Production**

#### **4.2.1 Access**

The company, professional or entity will obtain the PRO Secret ID once the tests have been done. It will be the same technical office that will provide the Secret ID. For more details of the incorporation process, go to section 3. *Onboarding process*

Once the credentials are obtained, you can start sending recurring communications.

To resolve doubts and errors go to section 9. *Queries / Incident Support*


#### **4.2.2 By API**

Each functionality of the platform explains how to access by API in the two environments.

#### **4.2.3 Per screen**

There are no screen tests of the Communications Portal.

**Link to PRO:** <https://comunicacions.empresa.extranet.gencat.cat/>

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## 5. JSON SCHEMA validation

### 5.1 By API

#### 5.1.1 Functional procedure

Optional, but highly recommended, step before sending the data of a communication. This API validates the data for the JSON Schema of a specific type of communication. It allows to detect possible format errors before sending.

#### 5.1.2 Technical procedure

POST: <https://preproduccio.ctti.apim.extranet.gencat.cat/ctti/public-pre/b2g/schema/valida> (PRE)

POST: <https://ctti.apim.extranet.gencat.cat/ctti/public/b2g/schema/valida> (PRO)

#### Headers

Key	Description
<b>client-id</b>	Credentials for API Manager
<b>client-secret</b>	Credentials for API Manager
<b>tipuComunicacio</b>	Identifier of the economic activity about which you want to communicate, for example, LLV (car rental).

#### Body

Body of the message in JSON format associated with the JSON Schema of the economic activity to be reported.

#### Output message if validation is successful

Format de dades Correcte per comunicació Tipus Activitat : LLV

#### Output message if validation is incorrect

```
[
  "ArrayItemNotValid: #/dadesObjectes[0]\n{\n StringTooShort:
#/dadesObjectes[0].quilometratgeVehicle\n}\n"
]
```

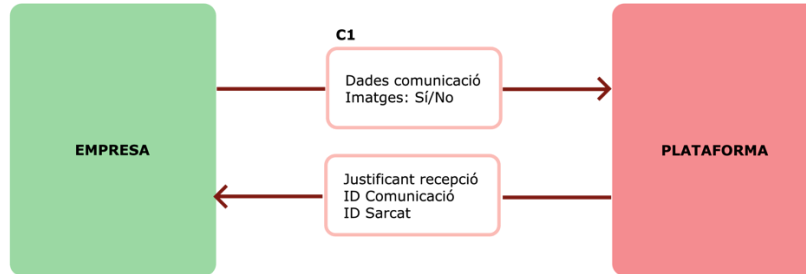
## 6. Sending data of a communication

### 6.1 By API

#### 6.1.1 Functional procedure

If the type of communication does not require the sending of any attachments, a single sending of the communication data is made. When the communication is sent, the platform returns a communication ID and the Sarcat ID. The communication is in "Sent" status.

In the following image you can see a working example.




*Image of an example of sending a communication without images*

If it is compulsory to send attachments, two submissions are made, the first one with the data and the second one with the attachments. In the following section, this casuistry is explained in more detail.

#### Communication Status Table

Code	Value	Description
1	<b>Registered</b>	The communication is recorded and pending technical validation (subscription validation and antivirus if necessary).
2	<b>Sent</b>	When the communication is complete, it is technically validated and sent to the main Back Office for validation.
3	<b>Approved</b>	The communication is approved by the main Back Office
4	<b>Sending</b>	The communications it is being send to the main Back Office
5	<b>Images missing</b>	The communication is sent by API, but it is pending that the images are sent.
6	<b>Rejected</b>	The communication is not technically validated, or the Back Office has rejected it.

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### 6.1.2 Technical procedure

When registration for the B2G service is requested, you will be given the credentials to validate yourself in the Generalitat's Corporate Manager API and a company\_id with which the people in charge will identify themselves as the company's communications presenters on screen.

The security of the Corporate API Manager of the Generalitat is based on OAuth 2.0, therefore, the Authorization header must be added in the following format as a header:

- Authorization: Bearer base64(client\_id): base64(secret)
- POST: <https://preproduccio.ctti.apim.extranet.gencat.cat/ctti/public-pre/b2g/comunicacio/alta> (PRE)
- POST: POST: <https://ctti.apim.extranet.gencat.cat/ctti/public/b2g/comunicacio/alta> (PRO)

#### Headers

Key	Description
<b>client-id</b>	Credentials for API Manager
<b>client-secret</b>	Credentials for API Manager
<b>tipuComunicacio</b>	Identifier of the economic activity about which you want to communicate, for example, LLV (car rental).
<b>Notifications</b>	The company indicates that it wants to be notified about possible errors detected.
<b>Alies</b>	Name of free choice by the person presenting. It may be the case that it is an internal order to facilitate the search for communications. Optional

#### Body

Body of the message in JSON format associated with the JSON Schema of the economic activity to be reported.

#### Output message


```
{
  "Estat": "200 - Comunicacio enviada correctament - Falten Imatges",
  "idComunicacio": "88ad4ce4-3d5b-4f5f-8e18-f24968235be4"
}
```

If the registration process of the communication is correct, it will return a code 200, indicating IdComunicacio and the Id of the SARCAT entry record.

### 6.1.3 Errors sending communication data by API

Errors that can happen in the sending of communication data by API:

Shipment	Description	Visualization
<b>Communication data</b>	There are required fields that are not filled in.	List of errors
	There are some required fields in the submission that are missing.	

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	There are some fields that are not in the proper format.	
<b>Entire communication</b>	Error in communication, has been functionally rejected. The main Back Office may add a description of the error.	Appears in the Statuses query and a message is sent by mail if it has been checked
<b>Access</b>	The company or user does not have access to send communications.	Message

## 6.2 Per Screen

### 6.2.1 Procedure

To access the Recurring Communications portal, you must do the following:

1. Access the Recurring Communications portal:
  - a. Track 1. Through the Private Area of Canal Empresa.
  - b. Track 2. Access via direct link while there is no SSO.
2. Login
3. Access the "Send New" tab
4. If you enter with IdCAT Mòbil or with Digital Certificate of natural person, the "Company ID" will be requested. This ID relates the company and the economic activity. If the ID is correct, the corresponding form will open. In the case of the other certificates (Digital Certificate of person linked to the company or with the Digital Certificate of legal representation of the company or entity) there is already a relation with the company, and it will not be necessary to fill in anything else.
5. Enter the corresponding form.
6. Fill in the form and submit.

Once the submitter has authenticated themselves and accessed the appropriate form, they will fill in the form and submit it. Once the form has been sent, they will receive the Communication ID and the Sarcat ID.


The data of the communications are registered at the same time as those of the images thanks to the dynamic form.

If the images pass through the antivirus successfully, the communication will be in "Sent" status. If no images are attached, the communication will also be in "Sent" status. In both cases, the communication awaits functional approval by the main Back Office.

### 6.2.2 Errors sending communication data by screen

Errors that can happen in the sending of the communication data by screen:

Shipment	Description	Visualization
<b>Communication data</b>	There are required fields that are not filled in.	Near field in red and error message under field
	There are some fields that are not in the proper format.	
<b>Entire communication</b>	Error in communication, has been functionally rejected. The main Back Office may add a description of the error.	Appears in the Statuses query and a message is sent by mail if it has been checked
<b>Access</b>	The company or user does not have access to send communications.	Message

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## 7. Sending attached files

### 7.1 By API

#### 7.1.1 Functional procedure

This API will only be used if the service to be communicated requires attachments.

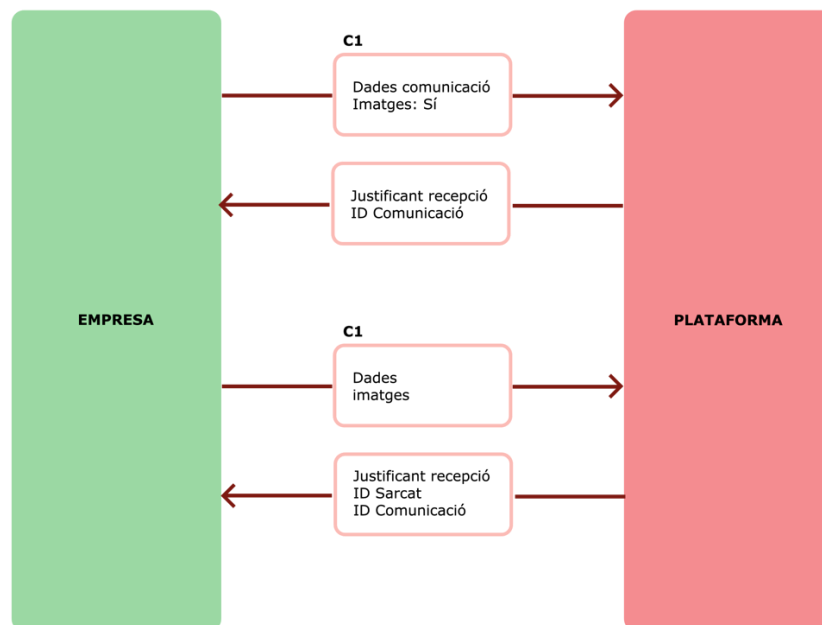
There are two sending operations: the sending of data (explained in the previous point) and the sending of attachments.

When the first transmission is made (5.1.1 Procedure), the platform returns a communication ID that will be used to make the second transmission, as it will be mandatory item that will be used to link the two sendings into a single communication.

During the first sending, the communication remains in "Pending" status, and when the images are sent and validated by the antivirus, it becomes in "Sent" status.

The communication awaits functional approval by the main Back Office.

A functional example can be seen in the following image.




*Image of an example of sending a communication with images.*

#### 7.1.2 Technical procedure

POST : <https://preproduccio.ctti.apim.extranet.gencat.cat/ctti/public-pre/b2g/comunicacio/alta/{idComunicacio}/imatge> (PRE)

POST: <https://ctti.apim.extranet.gencat.cat/ctti/public/b2g/comunicacio/alta/{idComunicacio}/imatge> (PRO)

As a parameter in the path is included {idComunicació}, which is the identifier of the communication created in the previous step, where the sending of attachments is required.

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## Headers

Key	Description
<b>client-id</b>	Credentials for API Manager
<b>client-secret</b>	Credentials for API Manager

## Body

The body of the petition will be as shown below:


```
{
  "numeroImatges": "x",
  "imatges":
  [
    {
      "tipuImatge": "Descripció Imatge",
      "Imatge": "<Imatge en base64>",
      "fileName": "<nom del fitxer de l'annexa>"
    }
  ]
}
```

In addition, it will be validated that the number of images is exactly as reported in the images list.

### 7.1.3 Errors sending image data via API

Errors that can happen in the sending of the communication data.

Shipment	Description	Visualization
<b>Attachments</b>	There are required fields that are not filled in.	List of errors
	There are some required fields in the shipment that are missing.	
	Images or other attachments are not in the required format.	
	Images are larger than allowed.	
	The number of attached attachments does not correspond to the "Numerolmatges" field	Error description appears
	It has been rejected by the antivirus.	Appears in the Statuses query and a message is sent by mail if it has been checked

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## 7.2 By Screen

### 7.2.1 Procedure

The data of the screen communications are registered at the same time as that of the images thanks to the dynamic form. See section 5.2.1. *Procedure*.

### 7.2.2 Errors sending image data by screen


Errors in section 5.2.2 *Errors in sending the communication data by screen*.

Shipment	Description	Visualization
<b>Attachments</b>	There are required fields that are not filled in.	Near field in red and error message under field
	There are some required fields in the shipment that are missing.	
	Images are larger than allowed.	
	It has been rejected by the antivirus.	Appears in the Statuses query and a message is sent by mail if it has been checked

## 7.3 Upload data images

Table of fields to send data images

Fields	Description	Oblig.	Guy	Long.	Screen	Examples / Validations
<b>Data images (n images)</b>						
<b>Image type</b>	Image description	Yes	Text		Yes	
<b>Communication ID</b>	Communication Code	Yes	Numerical		No	By screen it is not filled and by API it must be put in the link of the post to make the shipment.
<b>Image Name</b>	Image name / appended	Yes	Text		No	Just fill it out by API
<b>Image</b>	Images incorporated in base 64.	Yes	Alphanumeric	N/A	Yes	Validation: Form formats: jpg, png and pdf Content type: jpg, png i pdf API format: base 64 Maximum size: 4MB One image per object registration. Up to two images if it is an identity document.

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## 8. Consultation of communications

The purpose of the consultation of recurring communications is to show the status of the communications with the basic data to be able to distinguish them and with the option of being able to download the attached files.

Recurring communications are not stored permanently; storage will vary according to the type of communication. Incomplete communications will also be deleted. That is, if the images are to be sent and are not finally sent.

The queries on the platform are as follows:

1. The presenter via the recurring communications portal.
2. The third-party system through API Manager

### 8.1 By API

#### 8.1.1 Technical procedure Consultation Data Communications

The third-party system through the API Manager sends the request and the system returns all the communications made.

GET: <https://preproduccio.ctti.apim.extranet.gencat.cat/ctti/public-pre/b2g/comunicacio/estat> (PRE)

GET: <https://ctti.apim.extranet.gencat.cat/ctti/public/b2g/comunicacio/estat> (PRO)

#### Headers

Key	Description
<b>client-id</b>	Credentials for API Manager
<b>client-secret</b>	Credentials for API Manager
<b>tipuClient</b>	empresa


#### Output message

An example of communications status return would be the following: {

```

"Table1": [
  {
    "alies": "Lloguer de vehicles 1",
    "Id": "5f6c8ae7-7447-477b-b672-5dea17e41bd0",
    "data_creacio": "2023-05-15T02:12:46",
    "data_modificacio": "2023-05-16T10:31:45.98",
    "identifier": "",
    "estatComunicacio": "Sent ",
    "CIF": "B00000001",
    "activitatEconomica": "LLV",
    "BOPricipal": "MOSSOS001",
    "nomSource": "API Manager Corporatiu",
    "estatFitxers": "Completat",
    "numeroImatges": 1,
    "idError": null,
    "Description": null
  }
]

```

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### 8.1.2 Technical procedure Consult List Attachments

By a communicationID returns its attachments.

POST: <https://preproduccio.ctti.apim.extranet.gencat.cat/ctti/public-pre/b2g/annexes/estat> (PRE)

POST: <https://ctti.apim.extranet.gencat.cat/ctti/public/b2g/annexes/estat> (PRO)

#### Headers

Key	Description
<b>client-id</b>	Credentials for API Manager
<b>client-secret</b>	Credentials for API Manager
<b>tipuClient</b>	empresa

#### Body

```
{
  "idComunicacio": "<idComunicació a consulta>"
}
```

#### Output message

```
{
  "Table1": [
    {
      "idComunicacio": "dcdbc143-0590-412b-ae35-aef045c4b437",
      "nomFitxers": "20230323_RF_Fitxers_CE_v1.pdf",
      "estatAntivirus": "Aprovat",
      "data_creacio": "2023-04-25T03:45:07"
    }
  ]
}
```


### 8.1.3 Technical procedure Download attachments

POST: <https://preproduccio.ctti.apim.extranet.gencat.cat/ctti/public-pre/b2g/annexes/descarrega> (PRE)

POST: <https://ctti.apim.extranet.gencat.cat/ctti/public/b2g/annexes/descarrega> (PRO)

#### Headers

Key	Description
<b>client-id</b>	Credentials by API Manager
<b>client-secret</b>	Credentials by API Manager
<b>tipuClient</b>	empresa

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## Body

```
{
  "idComunicacio": "<idComunicació a consulta>"
}
```

## Output message

The content-type will always be returned for easy transformation.

```
[
  {
    "contingut": {
      "$content-type": "application/pdf",
      "$content": "<contingut del fitxer en base64>"
    },
    "nomFitxer": "20230323_RF_Fitxers_CE_v1.pdf"
  }
]
```

### 8.1.4 Errors query API communications

Errors that can happen in the consultation of communications.


Shipment	Description	Visualization
<b>Authentication</b>	API Manager Id Client is incorrect	Message
<b>List Attachments</b>	API Manager Id Client is incorrect	Message
	Communication ID has no associated images	
	The communication ID is invalid.	
<b>Download attachments</b>	API Manager Id Client is incorrect	Message
	Communication ID has no associated images	
	The communication ID is invalid.	

## 8.2 Per Screen

### 8.2.1 Procedure

If the presenter has authenticated with IdCAT Mòbil, with a Digital Certificate for an individual or with a Digital Certificate for a person linked to the company, they will only be able to see the communications that they themselves have made. Therefore, they will make a filter selection on the "Sent communications" page and the system will return the consultation of communications that they have made and that meet the above filters.

The only certificate that allows you to see all the communications made by a company (API and form) is the Digital Certificate of legal representation of the company or entity.

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The return of the status query will automatically sort from most recent to oldest communication. The order can be reversed by touching the header "Date sent". Sort by other headers.

### 8.2.2 Errors query screen communications

Errors that can happen in the consultation of communications.

Shipment	Description	Visualization
<b>Attachments</b>	Unfilled required fields	Near field in red and error message under field
	Incorrect field formatting	

### 8.3 Data they will receive from the "Communication Data" query

Table of query input fields (Display)

Camps	Description	Oblig.	Types	Long.	Screen	Examples / Validations
<b>Types of communication</b>	Code of the type of economic activity by which the company, entity or professional may make communications	Yes	Alphanumeric		Yes	Example: (Code) – Domain name  (OB) – Used objects
<b>State</b>	Communication status.	Yes	Select		Yes	
<b>Alias</b>	Name of free choice by the person presenting. It may be the case that it is an internal order to facilitate the search for communications.	No	Alphanumeric	9	Yes	
<b>Sending start date</b>	Start date of when shipments began	Yes	DATETIME		Yes	dd/MM/yyyy HH:mm:ss 01/04/2023 11:15:00  It can be the same as the current date, but not later.
<b>Sending end date</b>	End date of when shipments began	Yes	DATETIME		Yes	dd/MM/yyyy HH:mm:ss 01/04/2022 11:15:00  It can be the same as the current date, but not later.



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Table of query return fields (API and Display)

Camps	Description	Oblig.	Types	Long.	Screen	Examples / Validations
<b>Communication ID</b>	Communication Code	Yes			Yes	
<b>Alias</b>	Name of free choice by the person presenting. It may be the case that it is an internal order to facilitate the search for communications.	No		9	Yes	
<b>Communication origin</b>	Origin of the communication being sent.	Yes			No	
<b>CIF</b>	Tax identification code of the company, entity or professional.	Yes	Alphanumeric	9	Yes	Example: A58818501
<b>Shipping date</b>	Actual date the communication is sent.	Yes	DATETIME		Yes	Validation with example: dd/MM/yyyy HH:mm:ss 25/04/2023 17:00:00
<b>State</b>	Status of communication.	Yes	Text		Yes	Example: Envoy Functional approved Functional Rejected
<b>Date status</b>	Date of the current one.	Yes	DATETIME		Yes	Validation and example: dd/MM/yyyy HH:mm:ss 02/02/2023 17:00:00
<b>Comment</b>	<p>Comment that the Back Office can add when it functionally rejects a communication. By API see section 8.1.1. <i>Technical procedure Consultation Data Communication</i></p> <p>Screen: Will appear within the Actions column with an eye icon. If clicked, the message will be displayed.</p>	Yes	Alphanumeric		Yes	Validation: If the communication is not functionally rejected, the comment column will not be reported.

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<b>Attachments</b>	<p>Attachments in the communication. By API see section 8.1.1. <i>Technical procedure Consultation Data Communication</i></p> <p>Screen: It will appear inside the Actions column with an arrow icon. If clicked, the attachments will be downloaded.</p>	Yes	Icon	Yes	<p>Validation: There will be as many downloadable as there will be number of image records reported.</p>
--------------------	---	-----	------	-----	--

### 8.3.1 Visualization by API


Image of how images will be queried by API

```

Body Cookies Headers (23) Test Results
Pretty Raw Preview Visualize JSON
1
2 "Table1": [
3   {
4     "idComunicacio": "c2e0ea23-94e0-4946-a217-7c28c6e70b05",
5     "data_creacio": "2023-04-25T03:48:04",
6     "identificador": "00000000T",
7     "estatComunicacio": "Enviat Pendent",
8     "CIF": "A08018939",
9     "activitatEconomica": "LLV",
10    "BOPricipal": "MOSSOS001",
11    "nomSource": "API Manager Corporatiu"
12  },
13  {
14    "idComunicacio": "6b5d7611-2a8a-4635-a067-1a956027ffbb",
15    "data_creacio": "2023-04-25T03:42:23",
16    "identificador": "00000000T",
17    "estatComunicacio": "Enviada B0 Pral",
18    "CIF": "A08018939",
19    "activitatEconomica": "LLV",
20    "BOPricipal": "MOSSOS001",
21    "nomSource": "API Manager Corporatiu"
22  }
23 ]
24

```

*Postman image. Consult communications.*

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### 8.3.2 Screen display

Image of how they will consult the images on the screen.

Enviar nova Comunicacions enviades Credencials

Consulta ← Tornar a l'Àrea Privada

Tipus comunicació	Estat	Alies	Data inici enviament	Data fi enviament
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="dd/mm/aaaa"/>	<input type="text" value="dd/mm/aaaa"/>

↻ Netejar filtres
🔍 Filtrar

ID	Alies	Origen	CIF	Data enviament	Estat	Data d'estat	Accions
31ceebe4-8244-4299-b94d-cc42cb834dc1	aaa	Frontal Comunicacions B2G	Q0000000J	06/01/2023	Enregistrada	06/01/2023	
9d017c4a-8079-4f58-baa8-ca2f10b34c9	test pdf	Frontal Comunicacions B2G	Q0000000J	06/01/2023	Enregistrada	06/01/2023	
a743b57f-89a0-470d-8f2d-0c7db3c7cab4	aaa	Frontal Comunicacions B2G	Q0000000J	06/01/2023	Enviada	06/01/2023	
d3227cc8-08e3-4a30-8977-57d86dd9ff71	aaa	Frontal Comunicacions B2G	Q0000000J	06/01/2023	Enviada	06/01/2023	

<< 1 >>

*Consultation screen of recurring communications*


## 9. Queries / Incident Support

To request support in the event of query or an incident, both in the Pre-Production and Production environments, it will be necessary to submit the form; queries, complaints and suggestion. See:

[https://ovt.gencat.cat/gsitfc/AppJava/generic/conqxsGeneric.do?webFormId=611&set-locale=en\\_GB?reqCode=newCqs&topicLevel1.id=1045&topicLevel2.id=20603](https://ovt.gencat.cat/gsitfc/AppJava/generic/conqxsGeneric.do?webFormId=611&set-locale=en_GB?reqCode=newCqs&topicLevel1.id=1045&topicLevel2.id=20603)

Specify:

- Tema: Select “Empresa, Indústria i energia”
- Subtema 1: Select “Canal Empresa”
- Assumpte: *Specify subject* “COMUNICACIÓ D'ACTIVITATS RECURRENENTS (SCOM)”
- Missatge: *Text message*.

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## Comunicació

Vull :

Sol·licitar informació
  Formular una queixa
  Donar una opinió o fer un suggeriment

**Tema \***

Empresa, indústria i energia

**Subtema 1 \***

Canal Empresa

**Subtema 2**

[Selecciona]

**Assumpte \***

COMUNICACIÓ D'ACTIVITATS RECURRENTS (SCOM)

**Missatge \***

Indiqueu tota aquella informació que pugui ser rellevant per a la correcta gestió de la vostra comunicació.

**Documents adjunts:**

Adjuntar arxius