

INSTALLER'S GUIDE

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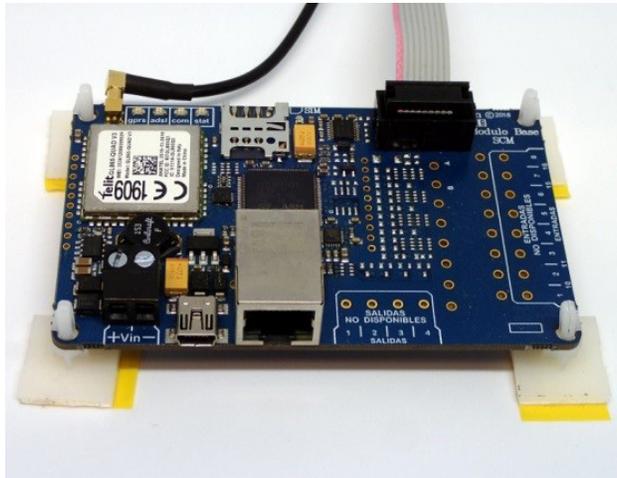
GSM/GPRS/Ethernet TRANSMITTER with CONTACT ID for C.M.S.

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1. CHARACTERISTICS

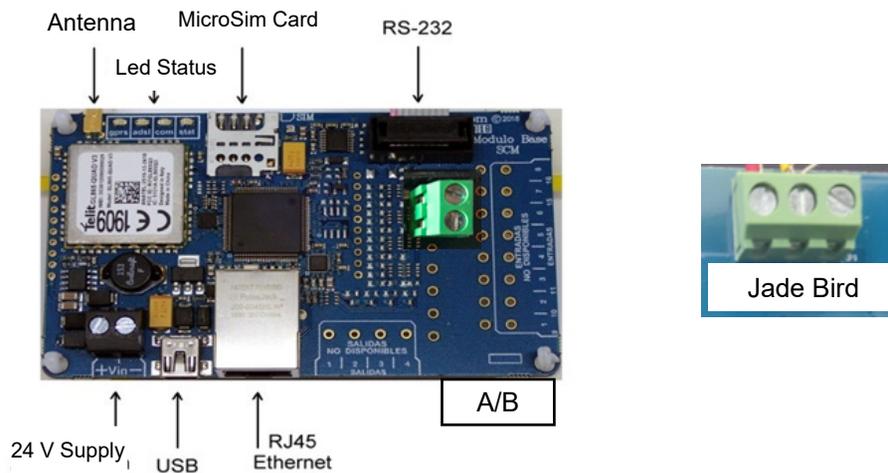


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- PCB dimensions 100 x 600 mm, with 4 adhesive spacers.
- GSM, GPRS and Ethernet online module connection (wired, with RJ45 connector).
- Socket for MicroSIM card of any mobile phone operator. For GPRS connection, line with data tariff and SMS sending (optional) is required.
- Connection to Jade Bird Centrals by means of integration protocol, through RS232 port.
- Provided with ID protocol for simultaneous connection to two Alarm Receiving Centres, with Ethernet or GPRS transmission. Configuration of 2 IP addresses for each CMS.
- Sending of messages warning of status changes in zones by SMS, push messages and/or email.
- Configuration of different telephone numbers for sending SMS and/or email addresses to inform of changes in the status of: o Alarm o Fault o Disconnection o Test.
- 24V DC power supply from the fire alarm control panel.
- Operation and status indicator lights for GPRS and Ethernet connections.
- Sending of SMS, push messages and/or e-mails of operation tests, in a configurable periodical way.
- Software for programming and management of the equipment via local USB port or remote IP.
- IP assignment via DHCP or manual assignment.

2. CONNECTION

The SisComFB2/JadeBird module connects to the Jade Bird Centrals via the RS-485 A/B BUS.



 The cable must be connected to the communication port, with the equipment switched off.

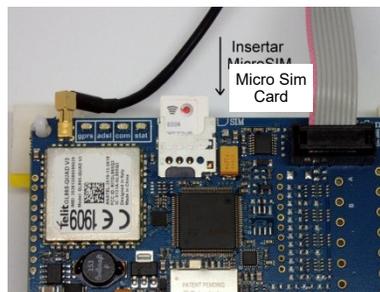
The power supply must be taken from the 24V auxiliary power supply output, so that it will remain powered even in the event of a mains power failure, via the control unit's batteries.

2.1 INSERTION OF THE SIM CARD.

In order to operate with GPRS or GSM connection and to be able to send SMS, it is necessary to insert a SIM card of any telephone operator with coverage in the area where the SisComFB2/JadeBird is going to be installed.

The telephone line associated with the SIM must have activated data traffic and optionally SMS sending.

The MicroSIM size card is inserted into the socket on the printed circuit board in the position indicated on the silkscreen.



 The use of M2M (machine to machine) SIM cards with a data tariff of 1Gb/month is recommended.

2.2 STATUS LED.

The SisComFB2/JadeBird module incorporates four status LEDs to indicate the operation of the equipment, according to the different activation modes and colours:



Led	STATUS	MEANING
GPRS	Off	GPRS module deactivated.
	Red	No GPRS connection.
	Red/Green flashing	GPRS module working properly, but not communicating with programmed C.M.S.
	Verde	GPRS module working properly
ADSL	Off	ADSL module deactivated.
	Red	There is no ADSL connection.
	Red/Green flashing	ADSL module working correctly, but not communicating with programmed C.R.A.
	Green	Correct ADSL connection
COM	Red	It does not communicate with the JADE BIRD control panel.
	Green	Communication with the correct JADE BIRD control panel.
STAT	Red flashing	Event to be transmitted
	Green flashing	Correct functioning

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For more information on the statuses, the messages generated in the window once connected to the SisComFB2/JadeBird module should be consulted. See section 3.4 Status.

2.3 GSM/GPRS ANTENNA.

The GSM/GPRS antenna supplied must be connected to the SisComFB2/JadeBird module and placed outside the JADE BIRD Central Station, in an area where there is good signal coverage.

The antenna is magnetic, so it can be attached to any metal surface.

3. SCM – PROGRAMMING SOFTWARE

The SCM V1604 configuration program allows configuration of the SisComFB2/JadeBird module via a USB port using a Mini-B cable.

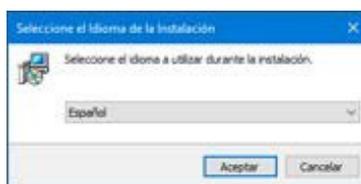


Once configured and operational, it also allows remote access to the SisComFB2/JadeBird module via GRPS or Ethernet connections (ADSL, fibre optic, etc.).

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3.1 INSTALLATION

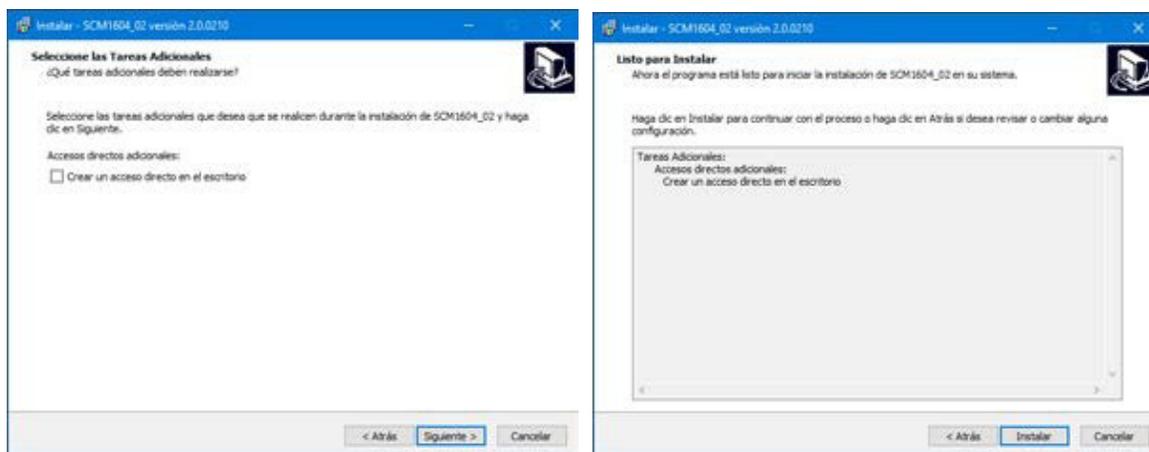
To install the program, run the SCM1604.exe file. First, it asks for the language of the installation.



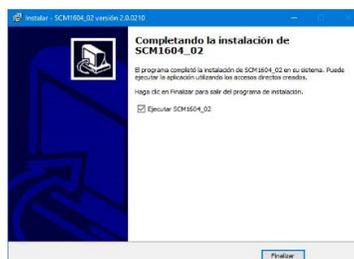
It then displays the Licence Agreement and Privacy Policy, which we must read and accept in order to proceed with the installation.



Accept and click 'Next'. It displays the Additional Tasks, giving the option to create a shortcut on the desktop. Click 'Next' and then 'Install'.



Once the installation is complete, this window is displayed to finish the installation. Optionally we can run the SMC1604 program.



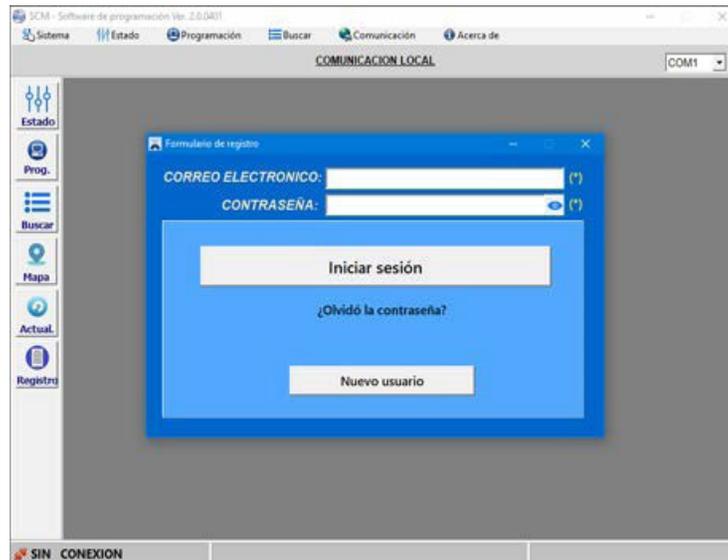
3.2 FIRST EXECUTION OF THE SMC1604 SOFTWARE

To run the programme, click on the link created on the desktop.



In order to use the programme, once it has been installed, it is necessary to register a user through an e-mail account and a password. This user will be associated with a company and a password, which will be common to all users of that company.

It will show the following window:



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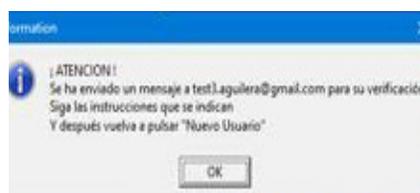
3.3 REGISTERING A NEW USER

To register a new user it is necessary to fill in the following data:



- **Email address.**
- **Password.** (8 or more characters)
- **Company name.** Exactly same name as the one defined in the SisCom equipment.
- **Installer.** Optional, used as a filter of which information has to be displayed.
- **Reference.** Optional, used as a filter of which information has to be displayed
- **Key.** Key of 8 or more digits, associated with the company.
- **Alias.** Optional. Text to identify the user without showing the e-mail address.

When you fill in the required fields and click on 'New User' the following window is displayed, indicating that a confirmation email has been sent to the specified email address to validate the user registration.



Before continuing, you must confirm your user registration by accessing the link sent in the email, and then click again on the 'New user' button.

If the email address is not confirmed, the following error window is displayed:



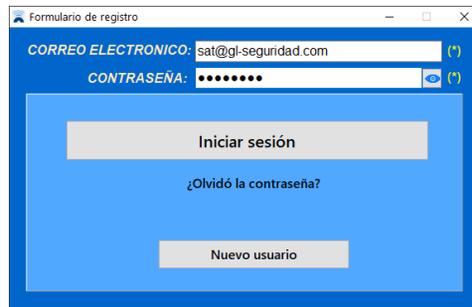
Each user associated with an email address can be used on up to 4 devices, both for the SMC1604 software and for the application for Android devices.



The first user defined must only contain the field 'Company' to register it in the database. The fields 'Installer' and 'Reference' are added to the database by performing a search, and subsequently you can edit or define a user including these fields.

3.4 LOG IN.

Once you have registered as a user, you will only need to enter your e-mail address and password and click on 'Log in' on subsequent occasions when you run the programme.



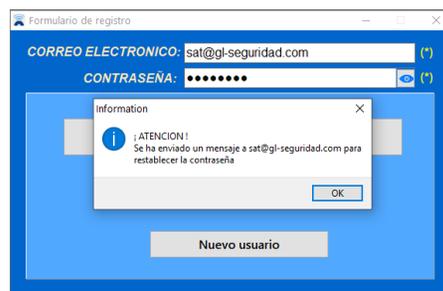
The username and password will be remembered, and therefore not requested again, until we log out.



If a user's 'Installer' privileges have been removed in the mobile application, he/she will not be able to log in to the configuration program.

3.5 PASSWORD RECOVERY

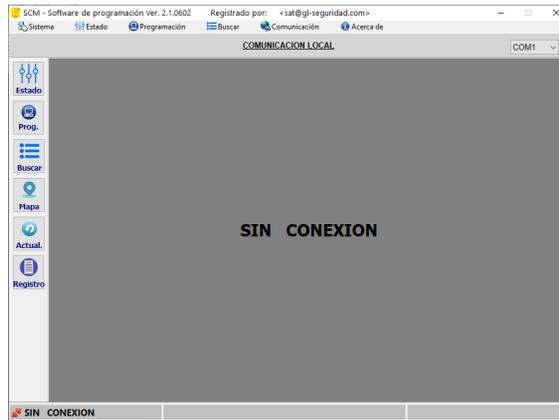
It is possible to retrieve or change a user's password by clicking on 'Forgot password? A recovery email is sent to the specified email address corresponding to the user.



Changing a user's password affects all devices where it is being used.

3.6 CONNECTION TO SisComFB2/JadeBird MODULE.

When starting the program, it displays the 'Status' screen with no connection to any SisComFB2/JadeBird module. The connection must be made locally via USB, in this case it is not necessary to supply the module with 24V DC, as it is powered from the USB port itself.

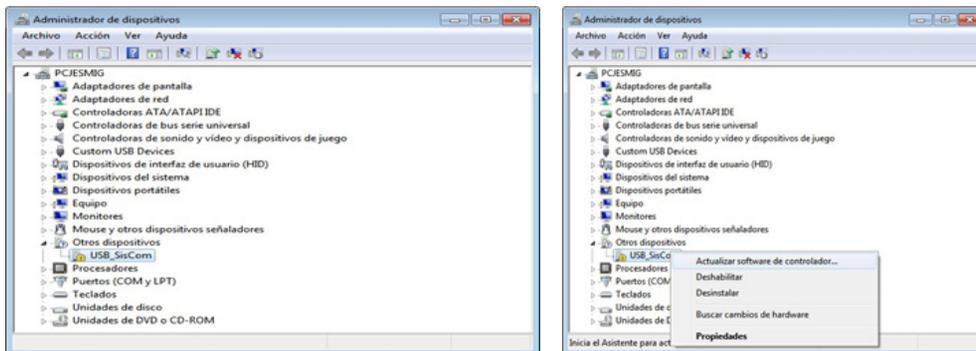


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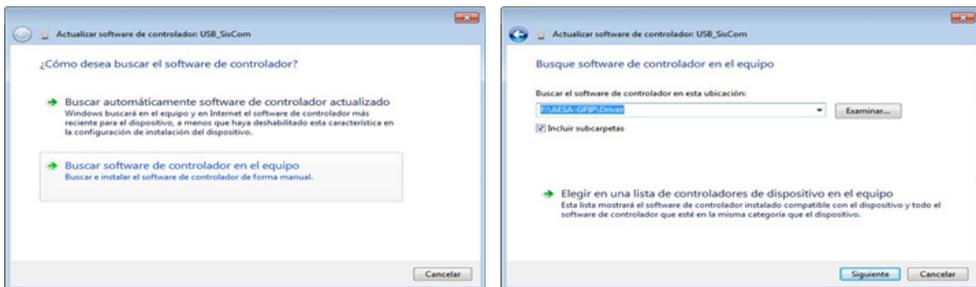
To make the USB connection, Windows will install the drivers when the equipment is connected, generating a COM port in the program. If the drivers are not installed, they must be installed manually.

3.6.1 Installation of USB drivers.

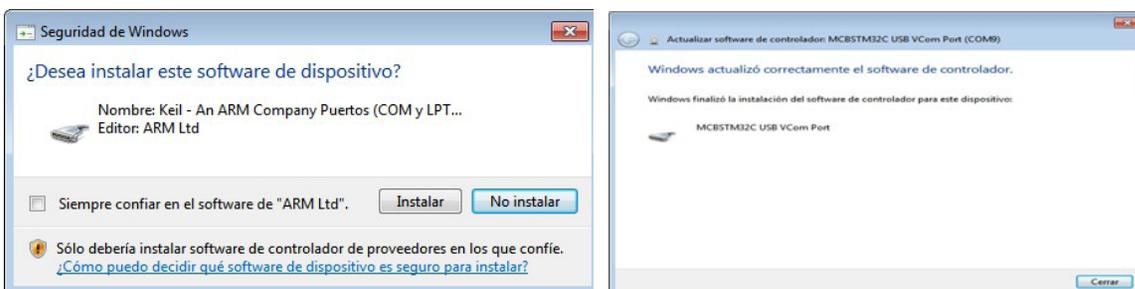
When connecting the SISCOMFB2/JADEBIRD module to a USB port, a new device will be recognised, and it will be necessary to install the necessary drivers for its correct operation.



Select it in the list, and right-click on 'Update driver software...'.
 Select the option 'Search for driver software on your computer'.



And select the folder on the drive where the driver is located. Click 'Next' to start the driver installation.



A new window opens, click on 'Install', and then a driver installation confirmation window will appear, and the COM port number (in this example COM9 port) to be used.

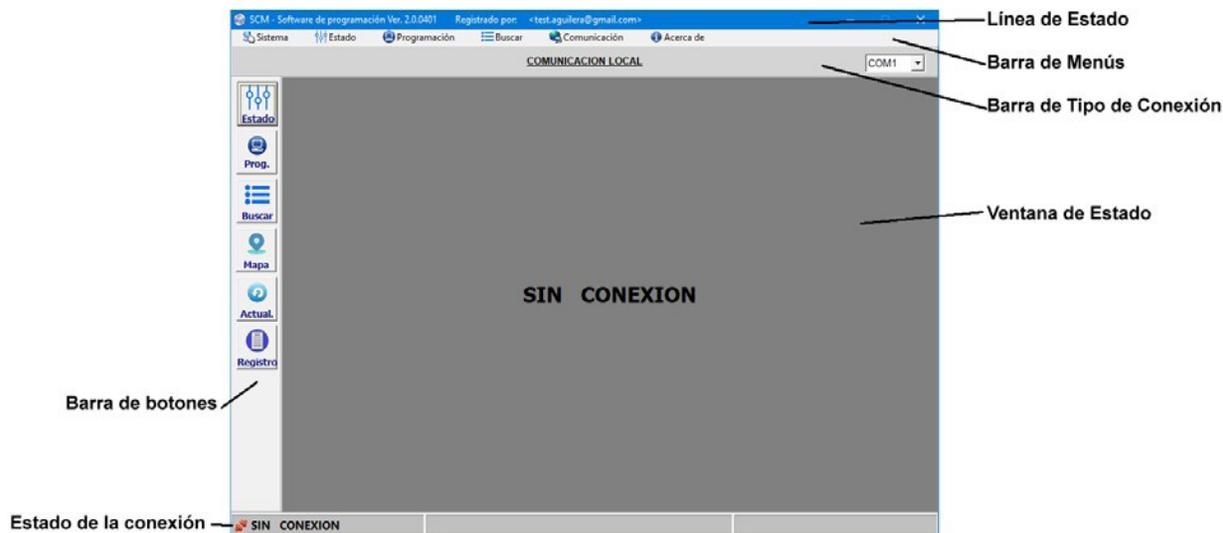
Click 'Close' to exit, and the 'Device Manager' window will also show the COM port to which you have assigned it.

 The COM port assigned will depend on each computer and the USB connector we are using. If we connect to a different USB port on the same PC, it may be necessary to repeat the driver installation process and in that case it will assign a different COM port.

4. OPERATING SMC1604 SOFTWARE

On start-up, the programme displays the following window with the following functions:

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4.1 STATUS BAR

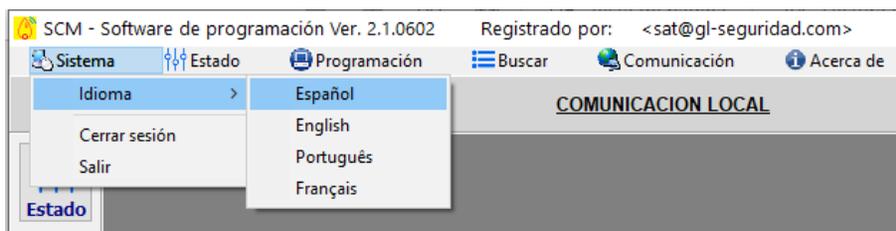
At the top, it shows the name and version of the programme and the registered user who is logged in

4.2 MENUS BAR

Displays the drop-down menus for the different operating options.

4.2.1 System

Displays the programme's operating options.



4.2.1.1 Language

Allows you to change the language in which the programme is operated, choosing between:

- Spanish
- English.
- Portuguese.
- French.

4.2.1.2 Log out.

Logs out the user who is logged in.

The next time the programme is started, the user's e-mail address and password must be entered to open a new session.

4.2.1.3 Leave

Close the programme, without closing the current session.

4.2.2 Status

Displays the window with the status information of the equipment to which we are connected, either locally via USB connection or remotely by accessing it after performing a search.

The information displayed will vary depending on the type of equipment to which you are connected.

4.2.3 Programming

Displays the programming options of the equipment.



 Some options will only be available when we are connected to a computer.

4.2.3.1 Reading the loop.

It reads the data programmed in the circuit to which we are connected, either locally via USB connection or remotely after a search.

The presentation of information varies according to the type of equipment.

4.2.3.2 Programming the loops.

Write to the circuit to which we are connected all the possible data that can be programmed.

 This option is different from the 'Schedule' button that appears in the different tabs of the schedule data, which only sends the data of that tab to the equipment.

4.2.3.3 Restore factory default settings.

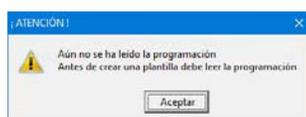
Deletes all configuration data of the equipment.

 When a device is set to factory settings, the 'Company' field shows the identification number. Some fields may contain data that must be edited according to the operational needs of the equipment.

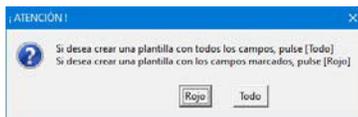
4.2.3.4 Create template.

Creates a file with the configuration data, which can be used later to reprogramme this or other equipment of the same type.

 In order to create a template it is necessary to read the configuration data first, showing a warning window.



The file can be generated with all possible fields, or only with those that have been modified.



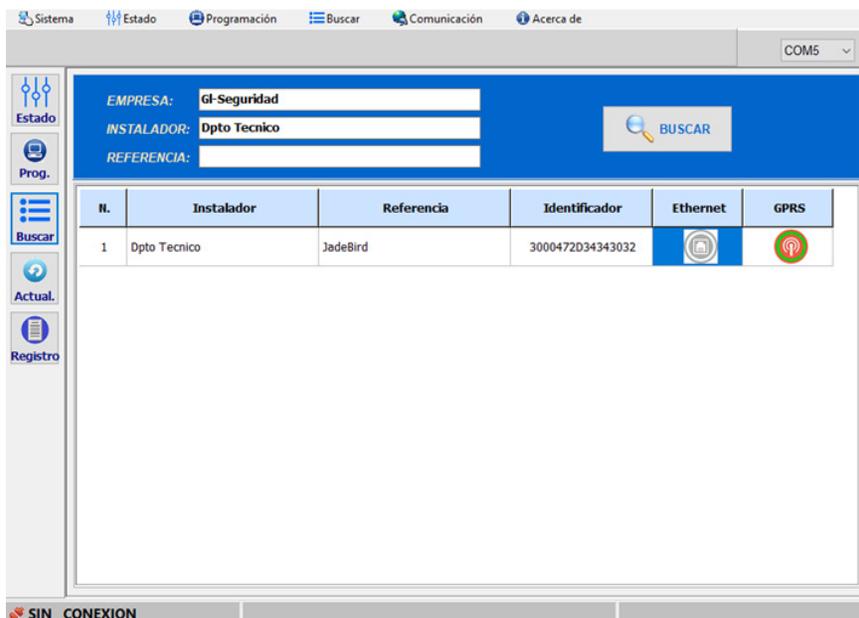
A file with extension . PLA which will be saved in the specified location.

4.2.3.5 Import template data.

Allows you to load data from a configuration file. PLA configuration file, and displays the data on screen, showing in red the parameters that have been modified with respect to the current programming of the equipment to which we are connected.

4.2.4 Searching

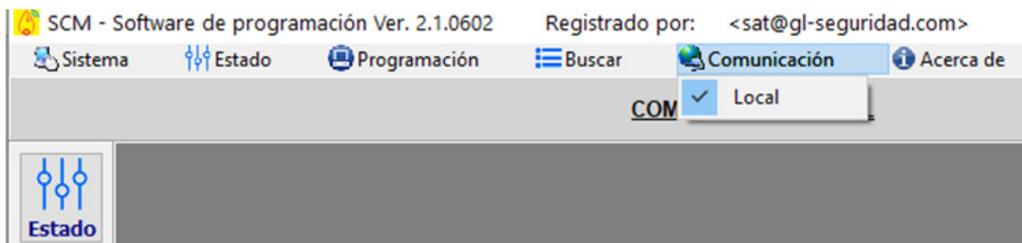
Allows you to search for the SisComF1, SisComFB2/... modules registered in the database, and the status of their connection.



 Internet access is required to be able to perform a search.

4.2.5 Communication.

Allows you to select the serial port of the PC that you want to use to connect to the equipment via USB.



In the connection status bar, it shows a drop-down menu with the available serial ports.

 To be able to connect via USB to the equipment, it is essential to have previously installed the drivers supplied with the programme. In the device manager we can see the COM port that has been assigned.

4.2.6 About.

Displays the registration information for the user who is logged in.

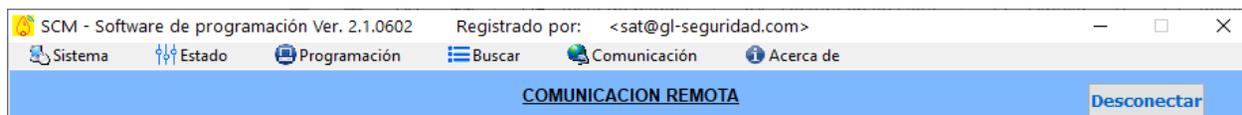
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It is possible to make changes in the Company, Installer and Reference fields. To save the changes it is necessary to know the password with which the company is registered.

 In order to associate a user to an installer, this must have been previously defined in the database. This is done by carrying out an equipment search indicating the name of the company and the installer, if it does not exist, it gives the option of adding it to the database.

4.3 CONNECTION TYPE BAR.

This shows the type of connection that we have established with a device:



- Local, a través de un puerto USB
- Remote, via GPRS or ADSL (Ethernet) connection.

When a remote connection has been established, the 'Disconnect' button appears, allowing the connection to be terminated.

4.4 BUTTON BAR

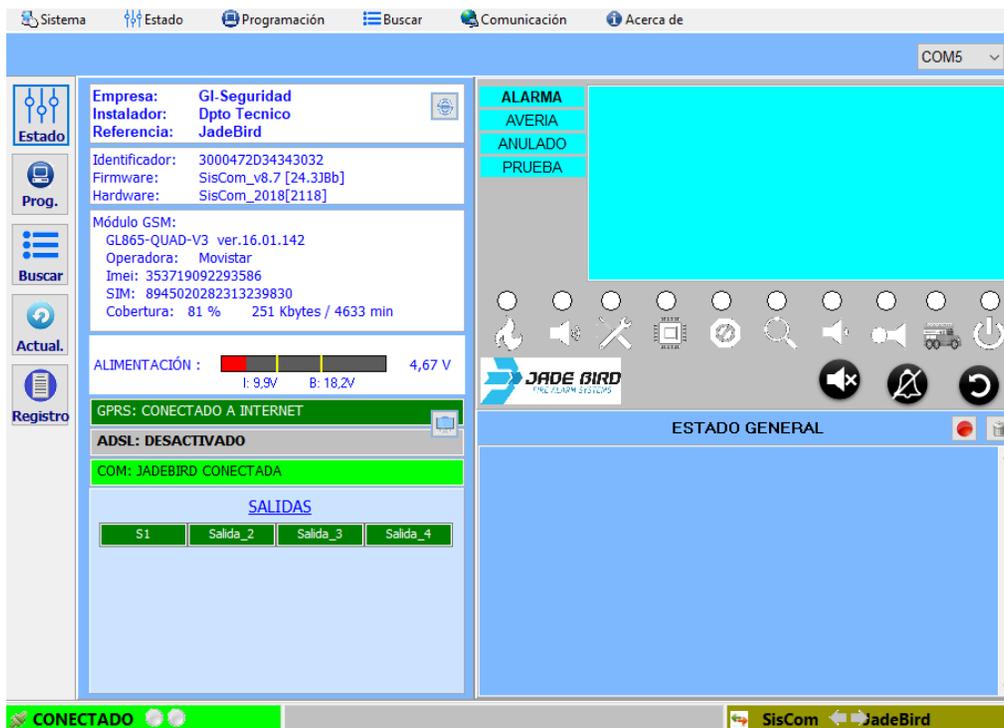
On the left side there is a button bar with the following functions.

4.4.1 Status

It performs the same function as the menu bar option.



When connected to a SisComFB2/JadeBird module, it displays the general status of the module and the information of the JADE BIRD Central to which it is connected.



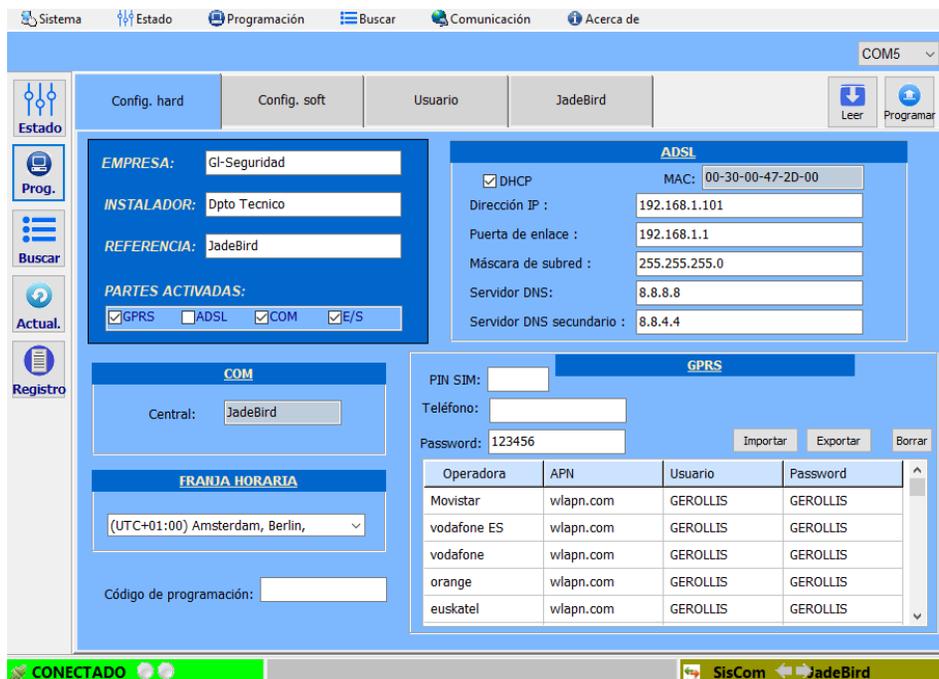
The information displayed is detailed in section 4.5 Status window.

4.4.2 Programming.

This shows the different tabs for programming the configuration parameters of the SisComFB2/JadeBird.



To be able to program the SisComFB2/JadeBird equipment, it must be connected to the USB port.



The information for each parameter is detailed in section 4.6 Programming.

4.4.3 Searching.

Every time a SisComFB2/JadeBird module is programmed and communicates with the server, it is registered in a database by the unique identifier, updating the programmed company, installer and reference data.



It allows a search of the SisComFB2/JadeBird modules registered in the database, according to the 'Company', 'Installer' and 'Reference' parameters with which the equipment has been registered. By default, it uses the parameters defined for the user with the active session.

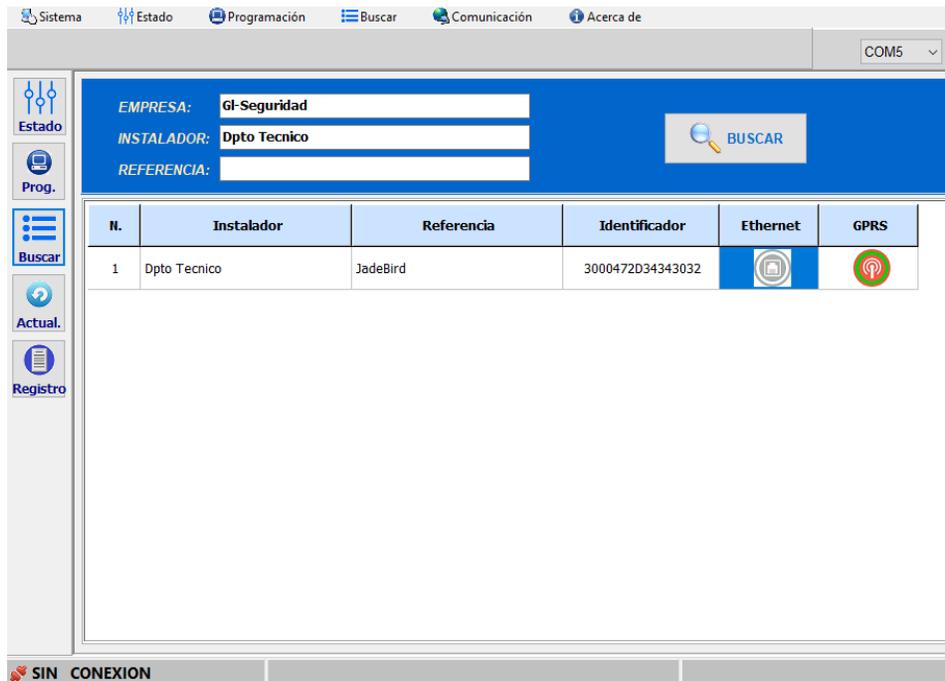
In order to be able to perform a search, it is necessary to have internet access.



The devices found are displayed in a list indicating:

- Installer.
- Reference
- Identifier
- Ethernet connection status.
- GPRS connection status.

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The status indication of Ethernet and GPRS connections can be:

	No connection to equipment
	Ethernet connection defined and operational
	Ethernet connection defined but not operational
	Ethernet connection not defined
	GPRS connection defined and operational
	GPRS connection defined but not operational
	GPRS connection not defined

By double-clicking on the operating connection type of a computer, you can remotely access that computer.

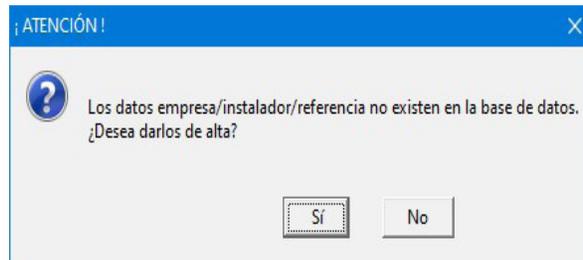
4.4.3.1 Equipment search with other parameters.

It is possible to search for equipment registered for a different company from the current user, but it is necessary to know the 'Key' with which the company has been registered.



If the company, installer or reference does not exist, it allows them to be added to the database.

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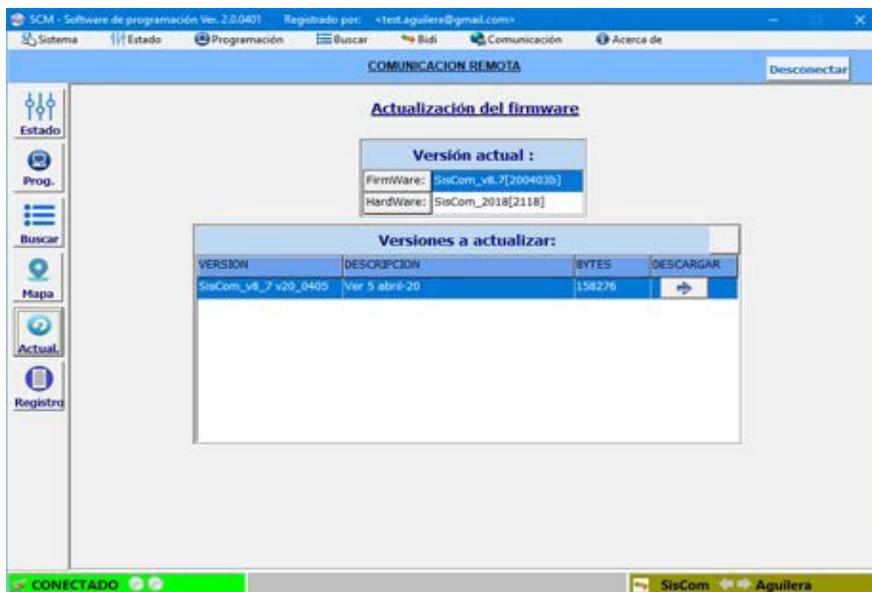
 If we want to register a user that only has access to the equipment of an installer or reference, this user must be previously registered in the database.

4.4.4 Update.

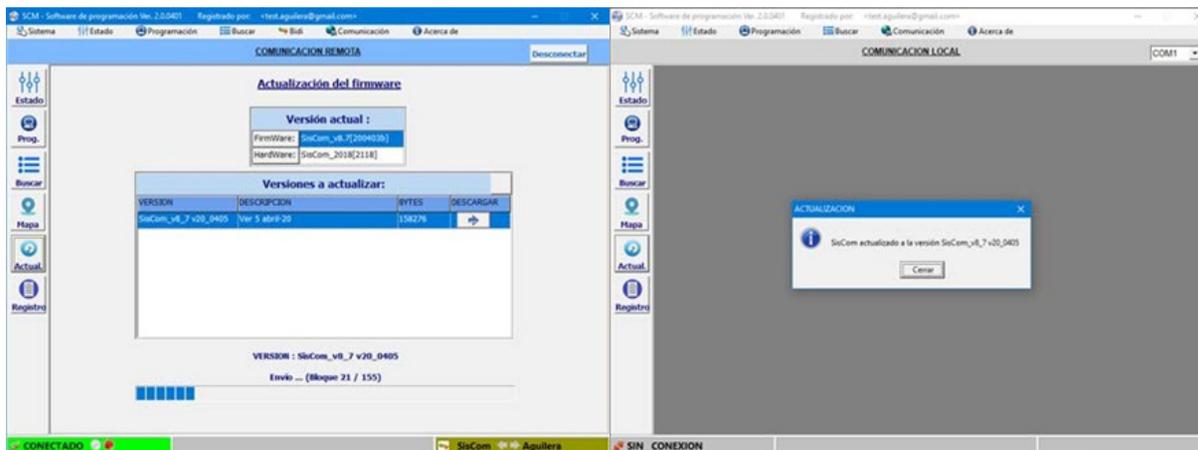
Allows firmware updates of the equipment, when available.

 The equipment is supplied with the latest firmware version available. The update service will only be available when a new version is available and an update is required.

When the upgrade service is operational, it displays the current firmware and hardware version of the SisComFB2/ JadeBird, and the firmware versions available for upgrade.



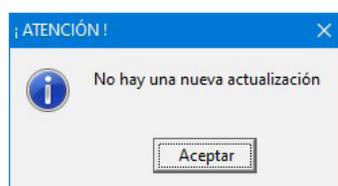
To start the update, select the version and click on the download button.



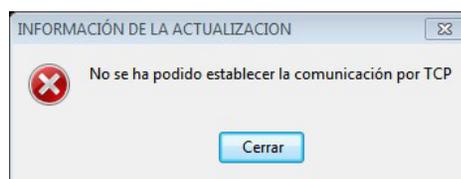
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A download progress bar is displayed, until a window is displayed indicating that the SisComFB2/JadeBird has been successfully updated. The SisComFB2/JadeBird restarts and the connection is lost.

If the SisComFB2/JadeBird already has the latest firmware version, a window is displayed indicating that no updates are available.

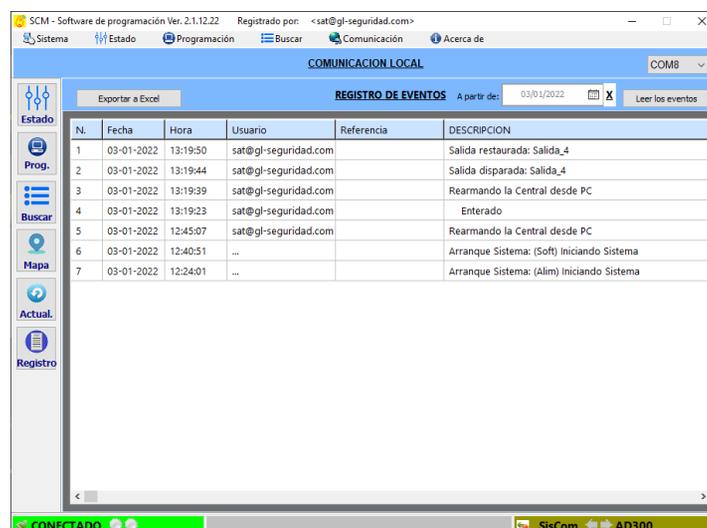


If the update server is not operational, the following error window is displayed:



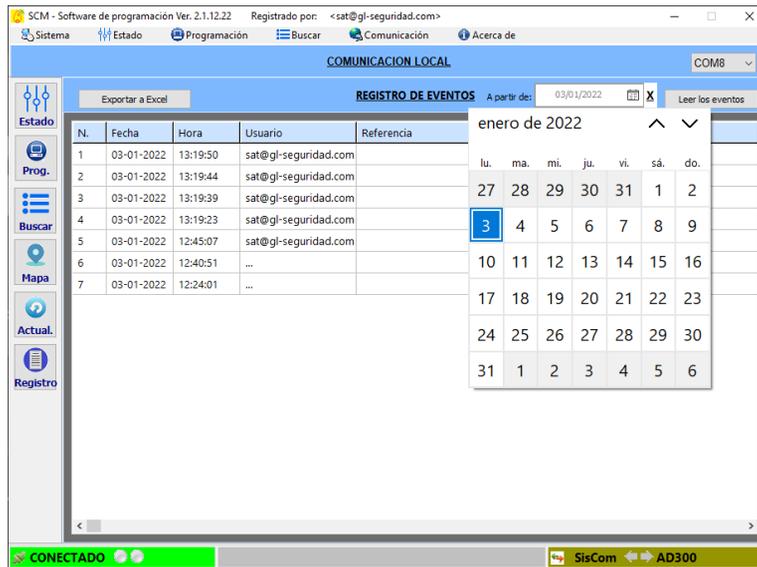
4.5 REGISTERING EVENTS

Allows you to consult the event log of the equipment to which you are connected, locally or remotely.



The data can be exported as an Excel file.

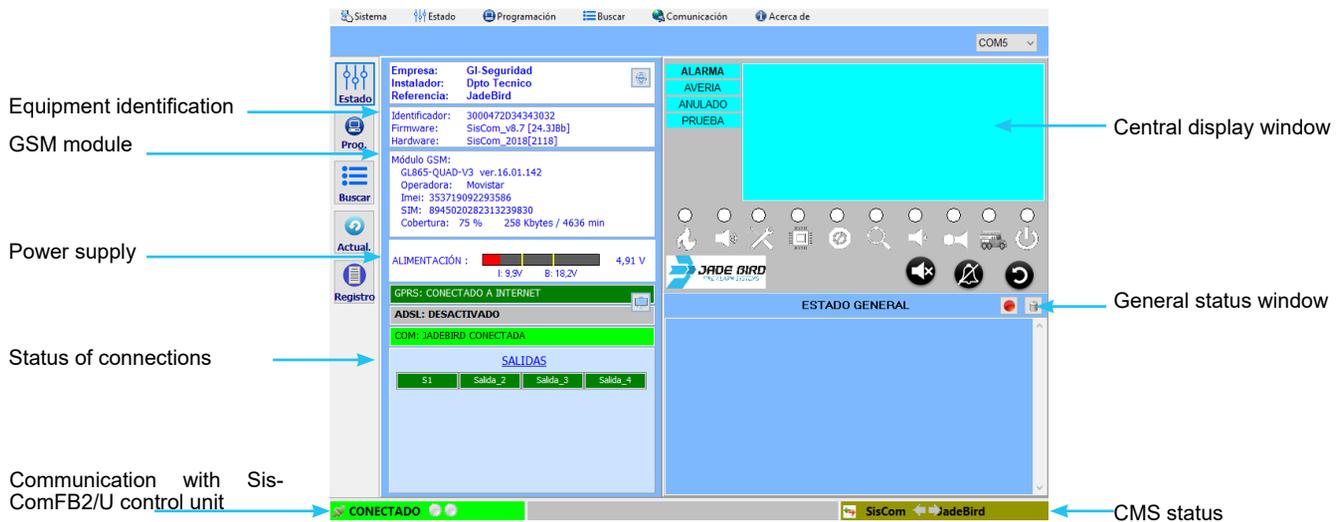
Filtering is allowed, showing data from a specific date onwards.



4.6 STATUS WINDOW

Clicking on the 'Status' icon, or in the menu bar, displays the current status of the SisComFB2/JadeBird.

This function will be fully operational when the SisComFB2/JadeBird has been configured and is connected to the Central Unit, allowing some functions of the Central Unit to be operated remotely.



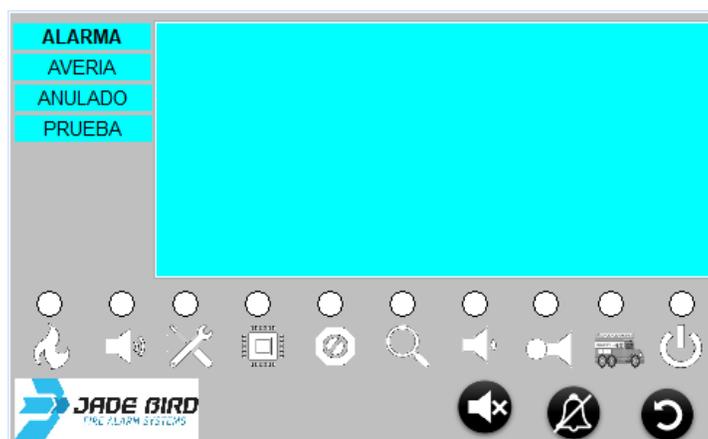
- Identification of the equipment:
 - **Company.** Defined in programming.
 - **Installer.** Defined in programming.
 - **Reference.** Defined in programming.
 - **Identifier.** Unique identification number of the SisComFB2/JadeBird equipment.
 - **Firmware.** Firmware version installed.
 - **Hardware.** Hardware version.
 - **Reset button.** Forces a reset of the SisComFB2/JadeBird device.
- GSM module:
 - **Operator.** Name of the network to which it is connected.
 - **Imei.** GSM module identification number.
 - **SIM.** Identification number of the SIM card inserted.
 - **Coverage.** Mobile coverage signal level.
 - **Data consumption / Connection time.** Since last reset.

- Power supply:
 - **Current level.** Nivel de tensión de alimentación.
 - **Minimum level.** Falling below this value indicates power failure.
 - **Maximum level.** Exceeding this level indicates end of power failure.
- Connections:
 - **GPRS. or ADSL (Ethernet).**
 - **COM** (serial port connection with JADE BIRD Central Unit).
 - **Sending to CMS button.** If the SisComFB2/JadeBird is connected to an Alarm Receiving Centre, it forces the sending of data to check operation.
- Inputs/Outputs. This unit only has programmable outputs.
 - Green shows the outputs in standby.
 - In red it shows the activated outputs.
- Control panel representation window.
 - **Zone indicators.** Shows the information of active zones.
 - **General indicators of Power supply, System, Bypass, Test.**
 - Buttons for actions on the control panel.
 - **Buzzer silence.**
 - **Reset.**
- General Status Window. Shows the messages generated in the SisComFB2/JadeBird.
 - **LOG ON/OFF button.** Starts or stops displaying messages in the general status window.
 - **Clear button.** Clears messages displayed in the general status window.
- Communication status.
 - **Communication with the SisComFB2/JadeBird.** Located at the bottom left indicates the status and activity of communications with the SisComFB2/JadeBird.
 - **Communication with Central JADE BIRD.** Located at the bottom right indicates the communication activity of the SisComFB2/JadeBird with the fire alarm control panel.

4.6.1 JADE BIRD Fire Control Panel Management.

The upper right-hand side shows a representation of the JADE BIRD Fire Panel, general indicator lights and buttons.

The general indicator lights will remain off when the control panel is in the idle state, and will light up when there is an incident.



- Reset: This is the key that allows the control panel to be reset and cancels all alarm incidents, faults, etc.
- Silence sounder: Silences all sirens manually.
- Silenciar buzzer: When pressed, it silences the internal buzzer of the control panel and accepts the incident that has occurred.

4.7 PROGRAMMING

By clicking on the Programming icon, or in the 'Programming' menu bar, you can access the tabs for programming the operating parameters.

The screenshot shows a web-based programming interface with a top navigation bar containing 'Sistema', 'Estado', 'Programación', 'Buscar', 'Comunicación', and 'Acerca de'. Below this is a sub-menu with 'Config. hard', 'Config. soft', 'Usuario', and 'JadeBird'. On the left, there is a vertical sidebar with icons for 'Estado', 'Prog.', 'Buscar', 'Actual.', and 'Registro'. The main content area is divided into several sections:

- EMPRESA:** Input field with 'GI-Seguridad'.
- INSTALADOR:** Input field with 'Dpto Tecnico'.
- REFERENCIA:** Input field with 'JadeBird'.
- PARTES ACTIVADAS:** Checkboxes for GPRS, ADSL, COM, and E/S.
- COM:** Section with 'Central:' set to 'JadeBird'.
- FRANJA HORARIA:** Dropdown menu showing '(UTC+01:00) Amsterdam, Berlin,' and a 'Código de programación:' field.
- ADSL:** Section with 'DHCP' checked, 'MAC: 00-30-00-47-2D-00', and fields for 'Dirección IP:', 'Puerta de enlace:', 'Máscara de subred:', 'Servidor DNS:', and 'Servidor DNS secundario:'.
- GPRS:** Section with 'PIN SIM:', 'Teléfono:', and 'Password: 123456'. It includes 'Importar', 'Exportar', and 'Borrar' buttons.
- Table:** A table with columns 'Operadora', 'APN', 'Usuario', and 'Password'.

Operadora	APN	Usuario	Password
Movistar	wlapn.com	GEROLLIS	GEROLLIS
vodafone ES	wlapn.com	GEROLLIS	GEROLLIS
vodafone	wlapn.com	GEROLLIS	GEROLLIS
orange	wlapn.com	GEROLLIS	GEROLLIS
euskatel	wlapn.com	GEROLLIS	GEROLLIS

At the bottom, there is a status bar with 'CONECTADO' and 'SisCom JadeBird'.

The parameter programming is divided into four tabs 'Hardware configuration', 'Software configuration', 'User' and 'JADE BIRD'

In addition, we have the buttons:

- **Reading** Reads the information programmed in the SisComFB2/JadeBird and displays it on the screen.
- **Programming** Sends the information displayed on the screen to the SisComFB2/JadeBird.

When the cursor is placed on one of the fields to be modified, a help window for that parameter is displayed.

This screenshot shows the same programming interface as above, but with a help window open over the 'EMPRESA' field. The 'EMPRESA' field is highlighted with a red background. The help window contains the following text:

Identificación
Nombre de la empresa instala
Normalmente coincidirá con
Parámetro: 102

 When a parameter is modified, it will be displayed with a red background to indicate that it has been modified and is pending to be sent to SisComFB2/JadeBird.

4.7.1 Hardware configuration.

This tab defines the ADSL and GPRS configuration and communications parameters.

The screenshot shows a software interface for hardware configuration. The top menu includes 'Sistema', 'Estado', 'Programación', 'Buscar', 'Comunicación', and 'Acerca de'. The main area is divided into several sections: 'Config. hard', 'Config. soft', 'Usuario', and 'JadeBird'. The 'Config. soft' section is active and contains the following fields:

- EMPRESA:** GI-Seguridad
- INSTALADOR:** Dpto Tecnico
- REFERENCIA:** JadeBird
- PARTES ACTIVADAS:** GPRS, ADSL, COM, E/S
- COM:** Central: JadeBird
- FRANJA HORARIA:** (UTC+01:00) Amsterdam, Berlin, ...
- Código de programación:** [Empty field]

The **ADSL** section includes:

- DHCP
- MAC: 00-30-00-47-2D-00
- Dirección IP: 192.168.1.101
- Puerta de enlace: 192.168.1.1
- Máscara de subred: 255.255.255.0
- Servidor DNS: 8.8.8.8
- Servidor DNS secundario: 8.8.4.4

The **GPRS** section includes:

- PIN SIM: [Empty field]
- Teléfono: [Empty field]
- Password: 123456
- Buttons: Importar, Exportar, Borrar

Below the GPRS section is a table of operators:

Operadora	APN	Usuario	Password
Movistar	wlapn.com	GEROLLIS	GEROLLIS
vodafone ES	wlapn.com	GEROLLIS	GEROLLIS
vodafone	wlapn.com	GEROLLIS	GEROLLIS
orange	wlapn.com	GEROLLIS	GEROLLIS
euskatel	wlapn.com	GEROLLIS	GEROLLIS

The bottom status bar shows 'CONECTADO' and 'SisCom JadeBird'.

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4.7.1.1 Equipment identification.

Identification parameters, to locate the equipment in the database.

- **Company** Name of the installation company. When loading the default configuration, it shows the equipment identification code.
- **Installer** Name of the person installing this circuit.
- **Reference** Name or reference code for this installation.



The texts defined in these parameters must be the same as those that a user will subsequently use to access the equipment.

4.7.1.2 Activated modules

Defines the different communication modules that will be operative

- **GPRS** Enables GPRS communication.
- **ADSL** Activates communication via ADSL (Ethernet).
- **COM** Activates communication via the serial port with the Control Panel. It must always be activated.
- **E/S** Activates the outputs.



Enabling the GPRS and ADSL communication modules affects both the sending to the Alarm Receiving Centres (ARC) and the sending of e-mail and/or SMS and the remote connection. Only the modules to be used must be enabled.

4.7.1.3 UTC Time Zone

Universal Time Coordinated, and is used as a reference for international time.

4.7.1.4 Programming Code

Locks access to programming (minimum 6 characters). The code must be entered to unlock the equipment.



If the programming code is not known, the SisCom/JADE BIRD must be sent to the manufacturer for retrieval.

4.7.1.5 ADSL.

Operating definition of the ADSL (Ethernet) module.

- **MAC** MAC address. Unique identification code of the equipment used in Ethernet connections.
- **DHCP** The SISCOMFB2/JADEBIRD module allows automatic configuration of the IP address by means of DHCP (Dynamic Host Configuration Protocol), obtaining the IP address dynamically. .

If the DHCP option is unchecked, the following parameters can be configured manually.

- **IP Address** Fixed IP address assigned to the device.
- **Gateway** Gateway for the IP address.
- **Subnet mask** Subnet mask for the IP address.
- **DNS server** Primary DNS server.
- **Secondary DNS server** Secondary DNS server.

This data will be retained, even if the DHCP checkbox is checked, and will be used again when the checkbox is unchecked again.



If the SisComFB2/JadeBird is connected to a local area network (LAN) with Ethernet protocol, the parameters to be configured must be provided by the network administrator.

4.7.1.6 GPRS.

Operating definition of the GPRS module.

- **SIM PIN** PIN number of the SIM card used in the SisComFB2/JadeBird (if required).
- **Phone number** Phone number of the SIM card
- **Password** Password for access to the SMS circuit

Configuration of the mobile operators. For its operation it will take the data of the operator owning the SIM card that is operational in the SisComFB2/JadeBird module.

Check that the data of the SIM card used, provided by the mobile operator, appear in the data table and, if necessary, add or modify them.

- **Operator** Name of the mobile operator you are connected to.
- **APN** Data provided with the SIM card.
- **User** If needed
- **Password** If needed



If the programmed data are not correct for the SIM card operator, in the Status window the GPRS connection appears orange (registering), but does not connect to the Internet. Check that the name defined in "Operator" is exactly the same as the one displayed in the status window.



The SIM card must be activated (see the operator's instructions to perform this operation, usually in a cell phone), and have contracted a tariff according to the use that will be given for sending data (approximate consumption of 1GB/month), and sending SMS. By clicking on the cells we can edit the texts, which will later be sent to SisComFB2/JadeBird.

- **Import** Imports the operators file from a .txt file.
- **Export** Saves the operator data in a .txt text file.
- **Delete** Deletes the defined operator data.

4.7.2 Software configuration

In this tab you define the configuration parameters for sending notifications.

The screenshot displays the 'Config. soft' tab in the software configuration interface. The main section is titled 'Servidor e-mail' and contains the following fields:

- Servidor: [Text input]
- Puerto: 25 [Text input]
- Usuario: [Text input]
- Password: [Text input with eye icon]
- Dirección: [Text input]
- Asunto: SisCom informa: [Text input]

Below the email server configuration, there are three sections:

- App:** A table with 4 rows and 2 columns. The first column lists app names, and the second column has input fields for each.

App	
1: Usuario	[Input]
2: Usuario+Push	[Input]
3: Instalador	[Input]
4: Instalador+Push	[Input]
- Teléfonos SMS:** A table with 4 rows and 2 columns, similar to the App section.
- Direcciones de correo electrónico:** A table with 4 rows and 2 columns, similar to the App section.

At the bottom, the 'Central Receptora' section includes:

- Principal and Secundaria rows for IP, Puerto, and Abonado.
- An 'App' dropdown menu set to '4'.
- A 'Convertir' checkbox.
- A 'Tiempo CRA:' field set to '5'.

The status bar at the bottom indicates 'CONECTADO' and 'SisCom JadeBird'.

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4.7.2.1 Email server.

Configuration of the mail server used for sending emails.

- **Server** SMTP server for sending emails. It supports DNS. You can enter the IP address or the name of the server.
- **Port** Port number used by the SMTP server. By default port 25.
- **User** User identification on the SMTP server.
- **Password** User's access key on the SMTP server. Asterisks are shown, to hide the password. Click on the icon on the right to display the password.
- **Email address** Email address from which the e-mail is sent.
- **Subject** Subject of the e-mail



An SMTP mail server capable of delivering the email to the destination address must be provided. Currently mail servers that require TLS security, such as Gmail, etc., are not allowed.

4.7.2.2 Actions for Mobile Application.

Actions that apply for access from the mobile application.

- **1 User** The request is received in the application with an open session with User privileges.
- **2 User + Push** The request is received in the application with an open session with User privileges and as a Push message.
- **3 Installer** The request is received by the application with an open session with Installer privileges.
- **4 Installer + Push** The request is received in the application with an open session with Installer privileges and as a Push message.



These actions are fixed and cannot be edited.

4.7.2.3 SMS phone messages.

Allows defining 4 groups of telephone numbers to which SMS messages will be sent each time a fire panel zone or SisComFB2/JadeBird signal changes status.

Each group can contain from one to four telephone numbers separated by “;”.



SMS messages are sent individually to all numbers defined in each group.

The messages sent have the following format:

<subject> <date> <time> <risk> <id_z> <message text>.

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The sending of each SMS may have a cost depending on the tariff contracted for the SIM card.

4.7.2.4 E-mail addresses.

Allows defining 4 groups of e-mail addresses where e-mails will be sent each time a fire panel zone or a SisComFB2/JadeBird signal changes status.

Each group can contain from one to four e-mail addresses, separated by “;”.

Messages sent have the following format:

<subject> <date> <time> <time> <risk> <id_z> <message text>.

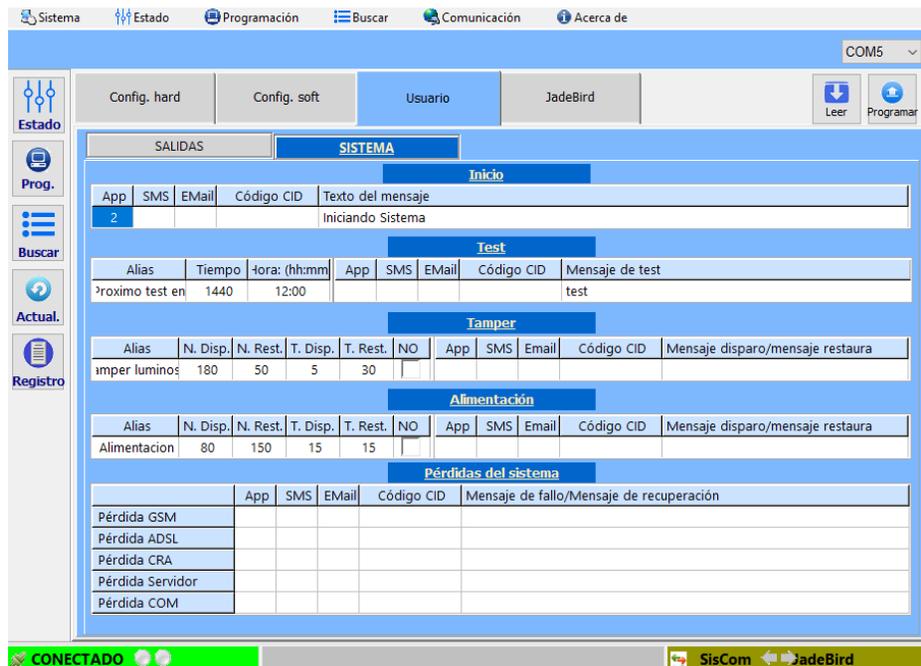
4.7.2.5 Alarm Receiving Center (Central Monitoring Station)

SisComFB2/JadeBird allows the configuration of two independent Alarm Receiving Centers. The parameters to be configured are the following, for each of them:

- **Main** IP of the main Alarm Receiving Centre. The IP or server name can be entered. If not programmed, it will not be transmitted.
- **Port** Input port of the main monitoring station. If not programmed it will not be transmitted.
- **Subscriber** Subscriber code in the main monitoring station. If not programmed, it will not be transmitted.
- **Secondary IP** IP of the secondary monitoring station. If not programmed, it will not be transmitted.
- **Secondary Port** Input port of the secondary monitoring station. If not programmed, it will not be transmitted.
- **Subscriber** Subscriber code in the secondary monitoring station. If not programmed, it will not be transmitted.
- **App** Options for the mobile application when sending a Contact-ID code.
- **Convert** If checked, the group and zone fields of the Contact-ID protocol are sent in decimal.
- **CMS Time** Polling time to the CMS, expressed in minutes.

4.7.3 User

This tab defines the configuration parameters of the SisComFB2/JadeBird module's own signals.



4.7.3.1 Starting actions.

Actions to be performed each time the SisComFB2/JadeBird is restarted, when power is applied or when the Reset button is pressed.

- **App** Action on the mobile application
- **SMS** Telephone list number for sending SMS messages
- **Email** Number of the list of e-mail addresses for sending e-mails
- **CID code** Code for Contact ID protocol.
- **Text message** Descriptive text of the case

4.7.3.2 Test.

The SisComFB2/JadeBird can periodically send, depending on the programmed time, a function test message.

- **Alias** Text of 12 characters, at the beginning of the message.
- **Time** Time interval, in minutes, for sending the message.
- **Time (hh:mm)** Hour and minutes at which the message is sent.
- **App** Action on the mobile application
- **SMS** Number of the list of telephones for sending SMS messages.
- **Email** Number of the list of e-mail addresses for sending e-mails.
- **CID code** Code for Contact ID protocol.
- **Test message** Descriptive text of the case

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4.7.3.3 Power supply

Activation or resetting of the supply voltage monitoring.

- **Alias** Text of 12 characters, starting message.
- **N. Disp.** Power failure activation level.
- **N. Rest.** Power failure restore level.
- **T. Disp.** Power failure activation confirmation time.
- **T. Resp** Power failure reset confirmation time.
- **NO** Reverses the operation of the power failure input.
- **App** Action on mobile application
- **SMS** Number of the telephone list for sending SMS messages.
- **Email** Number of the list of e-mail addresses for sending e-mails.

- **CID Code** Code for Contact ID protocol.
- **Trigger message / restore message** Descriptive text of the cause of triggering and restoration of power failure.

4.7.3.4 System communication losses

Configuration of the actions of the different communication losses of the equipment:

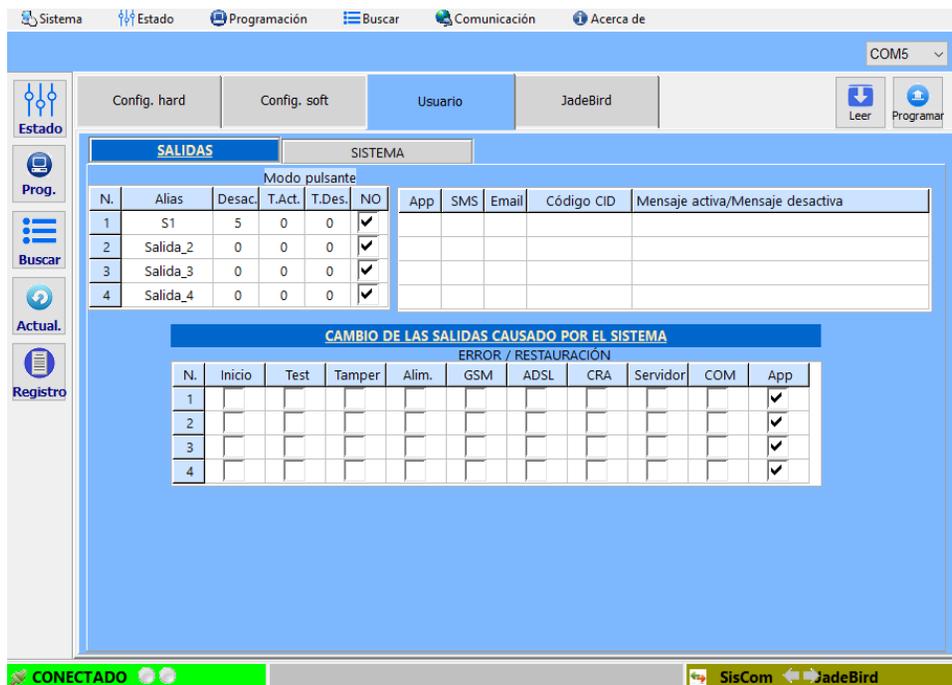
- **Loss of GSM communication** No GSM communication, to transmit GPRS data.
- **Loss of ADSL communication** No Ethernet connection, or internet access
- **Loss of CMS communication** The Alarm Receiving Center does not respond.
- **Loss of server** The Server is not operational.
- **COM Loss** Loss of communication with Jade Bird control panel.

The following parameters are configured for each of these signals:

- **App** Action on the mobile application
- **SMS** Telephone list number for sending SMS messages
- **Email** Number of the list of e-mail addresses to send e-mails to.
- **CID Code** Code for Contact ID protocol.
- **Failure message / recovery message** Descriptive text of the failure message / Descriptive text of the recovery message.

4.7.3.5 Outputs

This tab defines the configuration parameters of the SisComFB2/JadeBird module's own outputs and signals.



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- **Alias** Name to be given to the output. To be used when transmitting the message.
- **Off.** Time in seconds it will take to deactivate the output. If 0, the output will not be deactivated until the cause that caused the activation disappears.
- **T.on** Time in seconds that the output will remain activated, this time is cyclical, after the deactivation time it will be activated again.
- **T.Off.** Time in seconds that the output will remain deactivated, this time is cyclical, after the activation time it will be deactivated again.
- **NO** If this checkbox is enabled, when deactivated, the output will be negative.
- **App** Sending message and/or PUSH notification to the Apps according to the screen Config. Soft
- **SMS** Number of SMS telephones, according to the Soft Config. screen.
- **Email** Number of e-mail addresses, according to Soft Config.
- **CID Code** Customization of the Contact ID event for each output. If empty, it will not be transmitted.
- **Activation / Deactivation message.** The activation message is defined before the slash "/" and the deactivation message after, e.g.: (output 1 activated/output 1 deactivated), if there is no activation message (deactivated...) or deactivation message (activated...), it is not sent.

The SisComFB2/JadeBird allows you to customize the Contact ID event (event, group or partition and zone number) to be sent to the monitoring station when the output activation and deactivation is generated. You can set XYZ event Contact ID, XYZ GG event and group or partition or XYZ GG CCC event, group or partition and zone. In case of programming only event or event and group, SisCom-F will automatically add the zone depending on the output.

When an output is activated, it can be always active or it can change state (pulsing mode) while it is activated, according to the T.on and T.off times.

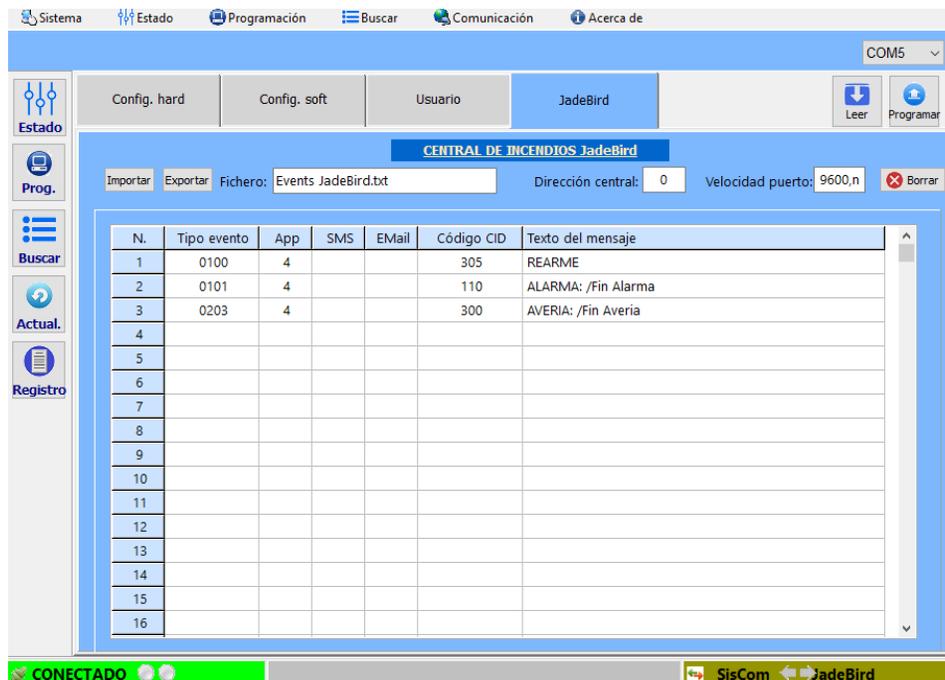
Outputs can be activated for different reasons.

4.7.3.6 Change of outputs caused by the system

- **Start** When powering the circuit or after a reset.
- **Test** When performing the periodic test
- **Tamper** On failure or recovery of the tamper
- **Power** On power supply failure or recovery
- **GSM** On failure or recovery of GSM/GPRS communication
- **ADSL** On failure or recovery of ADSL communication
- **CMS** Upon failure or recovery of the connection to the CMS
- **Server** Upon failure or recovery of the connection to the server
- **COM** On failure or recovery of connection to the Fire Control Panel
- **App** With this option checked, it will be possible to act on the outputs from the App.

4.7.3.7 JADE BIRD

Actions to be carried out with changes in the general status of the plant



4.7.3.8 Control Panel.

The following parameters are defined for each of the control panel's general statuses (Alarm, Fault, Disconnection and Test), and for communication between the control panel and the SisComFB2/JadeBird:

- **Port speed** Speed of communication with the serial port of the Central. Maximum allowed speed 57600
- **App** Action on the mobile application.
- **SMS** Number of the list of telephones for sending SMS messages.
- **Email** Number of the list of e-mail addresses for sending e-mails
- **CID CODE** Code for Contact ID protocol.
- **Text** Descriptive text of the failure message / Descriptive text of the recovery message.

5. CONTACT-ID PROTOCOL

The Contact-ID protocol has the following format used by SISCOM equipment:

AAAA FF T EEE GG ZZZ C

Where:

AAAA	Subscriber number
FF	Contact-ID protocol format <ul style="list-style-type: none">• 18 = standard protocol, sent to main C.M.S.• 24 = polling o control. Not set to main C.M.S.
T	Event type <ul style="list-style-type: none">• 1 = new event (d), or start of state.• 3 = event reset (r), or end of state.
EEE	Event identification code CID
GG	Group or partition, normally "00".
ZZZ	Zone number reporting the event. Can be configured to send a hexadecimal (0x000 to 0xFFFF) or decimal (000 to 999) value. The "System Zone" of the control panel, indicated as "9999" is sent to the C.M.S. as Zone "000".
C	Message control byte

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Example:

34711813000000A7

- 3471 Subscriber number.
- 18 Status Contact ID code sent.
- 1 Status start
- 300 Status Contact ID code sent
- 00 Group or partition (**CL 0=Control Panel 0=Loop**)
- 00A Zone identifier (0x00A = Zone 10)
- 7 Control byte

In the status window, the sending to the Alarm Receiving Center is displayed as follows:

```
10:24:06.814 ADSL: Sent to CMS: syscom.ddns.net/5000:9999>r.300.00.008 (Ok)
10:26:25.576 ADSL: Sent to CMS: syscom.ddns.net/5000:9999>d.300.00.008 (Ok)
```

Displayed:

- IP or name of the central monitoring station server.
- Port
- Subscriber number
- Event type ("r" o "d")
- CID Code
- Group
- Zone number (in hexadecimal)

5.1 CONTACT ID CODES FOR CENTRAL STATIONS.

The codes to be transmitted for the different states are configurable. If a code is not programmed, the event will not be transmitted.



The codes to be programmed will depend on those that are recognized by the Alarm Receiving Station to which it will be connected.

5.2 ADEMCO 685 RECEIVER EMULATION.

If the central monitoring station does not recognize the SisCom protocol used by the SisComFB2/JadeBird for alarm transmission, it may be necessary to use the “SisCom Receptora Supervisor V17.6” link program to emulate the operation of an ADEMCO 685 monitoring station, manage subscribers, perform tests, and provide connectivity via RS-232 or TCP/IP.

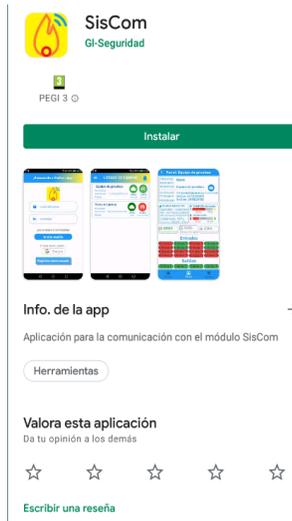
This software must be run on a PC in the Alarm Receiving Station.

6. MOBILE APPLICATION

Using the SisCom application installed on an Android or iOS mobile device, it is possible to access a JADE BIRD control panel connected to a SisComFB2/JadeBird and view the status of the zones, mute the buzzer and reset the control panel.

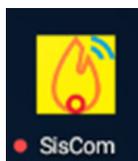
6.1 INSTALLATION

To install the application you must access the Play Store or App Store from the mobile device, and in the search engine locate the SisCom application.



6.2 EXECUTION OF THE APPLICATION

To run the application click on the icon to access the application

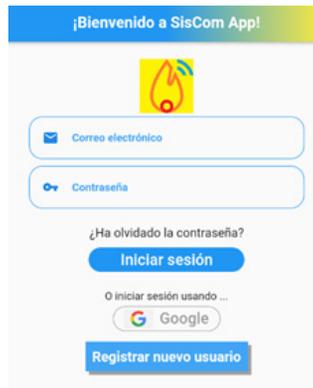


6.3 LOGIN

To log in we can use a user already defined in the SisComFB2/JadeBird configuration program by entering the “E-mail” and “Password” fields or create a new user.

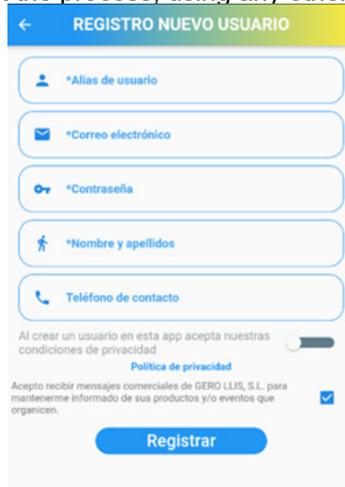
6.3.1 New user registration

It is possible to log in using any of the email accounts used in the mobile device where the application is running, by clicking on “Log in using Google” and selecting the account to be used.



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Or by clicking on “Register new user” to start the process, using any other email account.



It is necessary to complete the fields marked with an asterisk, and accept the privacy conditions, click “Register”. A message will be sent to the specified e-mail account to validate that it is correct. Follow the instructions indicated in the message.

Once validated, enter the e-mail address and password to log in to the application.

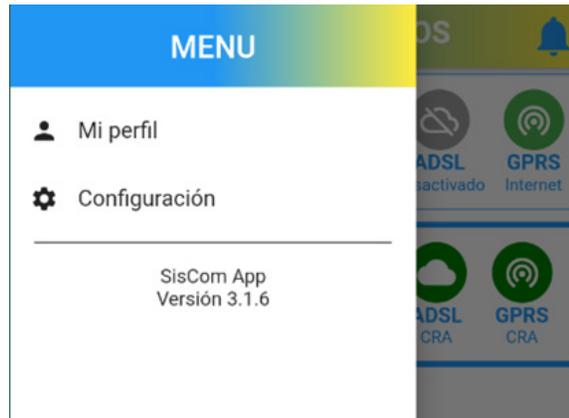
If the data are correct, the session is started and the “List of equipment” corresponding to the “Company”, “Installer” and “Reference” will be displayed. The user data will be remembered until the session is closed.



User privileges are taken into account for the operation of the application. By default they are “Installer”, with free access to all application functions, but can be changed to “User”, limiting the available options. In the SisComFB2/JadeBird configuration, the actions on the application, addressed to “User” or “Installer”, are defined.

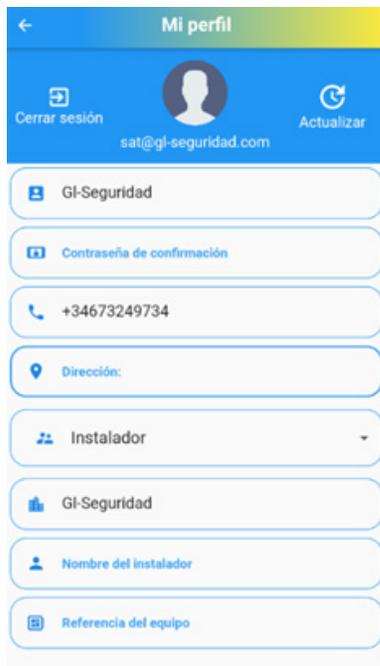
6.4 ACTIVE USER PROFILE.

By clicking on the icon in the upper left corner, you can access “My profile”.



The current data of the active profile is displayed:

- **Log Out** The application is closed, and the next time it is opened it will be necessary to enter the user's data again.
- **Update** Allows you to edit the different parameters.



	Alias	User identification name
	Confirmation password	Password used by the user.
	Telephone number	Contact telephone number. Optional.
	Location	Optional.
	User Privileges	Installer or User.
	Company	Mandatory for installer.
	Installer	Optional for installer.
	Reference	Optional for installer.

For a profile with “Installer” privileges, the installer and reference fields are used to filter the SisComFB2/JadeBird devices to which it will have access.

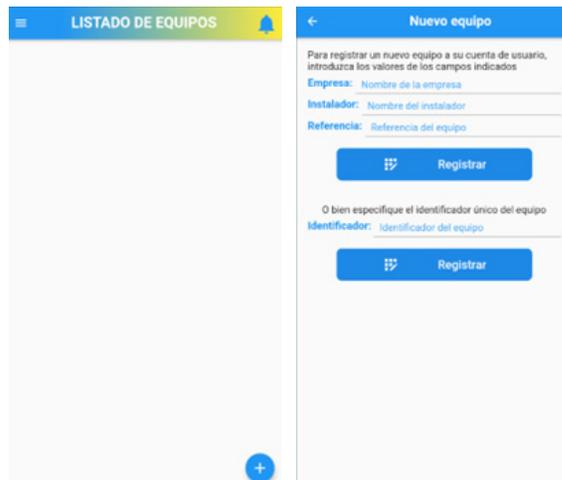
A profile with “User” privileges will only be able to access the SisComFB2/JadeBird devices associated with that user.



If the parameters of a profile with “Installer” privileges are modified, it will be necessary to know the Key of the “Company” to which it is associated in order to save them.

6.5 ASSIGNMENT OF EQUIPMENT FOR A “USER” PROFILE.

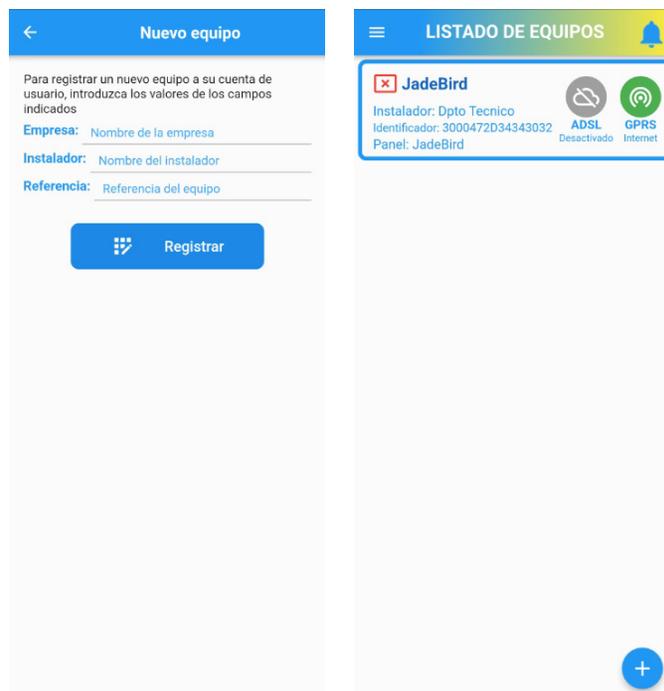
When opening a session with a “User” privilege profile, as it will not be associated to any “Company”, no associated equipment is shown in the “equipment list”. Click on “Associate new device +” to start the association process.



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The new equipment can be added by filling in the “Company”, “Installer” and “Reference” fields with which the SISCOM-FB2/JADEBIRD has been programmed and clicking on “Register”.

If the registration is successful, the equipment appears in the “Equipment List”.



6.6 EQUIPMENT LIST.

By means of the icon located at the top left, you can access the “Equipment list” if you are inside an installation.

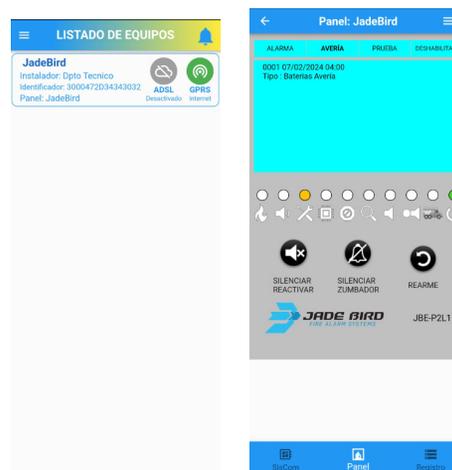
The following information is displayed for each unit:

- Equipment reference.
- Installer
- Identifier
- Panel (Type of fire detection panel)
- Ethernet communications status (ADSL)
- GPRS communications status.

The status indication of the Ethernet and GPRS connections can be:

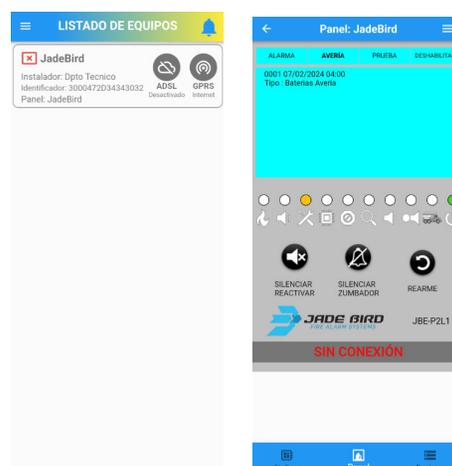
	Ethernet connection defined and operational
	Ethernet connection defined but not operational
	Ethernet connection not defined
	GPRS connection defined and operational
	GPRS connection defined but not operational
	GPRS connection not defined

If the active session has “User” privileges, the option to remove the computer from the list also appears.



By clicking on a unit, we access the “Panel” information.

 If the SisComFB2/JadeBird is neither connected by ADSL nor by GPRS, the display will show NO CONNECTION. The option to remove the device from the list will also appear.



6.7 PANEL.

The "Panel" information represents the operation of a control panel, with general indicators for Alarm, Fault..., which will light up when there is a zone in that status.



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The upper part of the screen shows the status of the zones in that state (see LED status in the control panel manual).

In the lower part are the keys that perform actions on the control panel:

- In knowledge Silences the buzzer of the control panel.
- Rearme Resets the installation, resetting the control outputs and the detection zones.

6.8 SISCOM.

Displays the internal information of the SisComFB2/JadeBird and the connection to the JADE BIRD control panel.

 This option is only available for a profile with installer privileges.



The data shown are as follows:

- Equipment identification:
 - **Company.** Defined in programming.
 - **Installer.** Defined in programming.
 - **Reference.** Defined in programming.
 - **Identifier.** Unique identification number of the SisComFB2/JadeBird device.
 - **Firmware.** Firmware version installed.
 - **Hardware.** Hardware version.
- GSM module:
 - **Operator.** Name of the network to which it is connected.
 - **Imei.** GSM module identification number.
 - **SIM.** Identification number of the SIM card inserted.
 - **Coverage.** Mobile coverage signal level.
 - **Data consumption / connection time..** Since last reset.
- Alimentación:
 - **Current level.** Power supply voltage level.
 - **Insuf.** Falling below this value indicates power failure.
 - **Bien.** Exceeding this level indicates end of power failure.
- Connections:
 - **GPRS.**
 - **ADSL (Ethernet).**
 - **COM** (serial port connection with JADE BIRD Central).
- Inputs/Outputs. Only outputs are available for this type of equipment.

6.9 HISTORY OF EVENTS.

Displays the log of events that have occurred in the installation.



This option is only available for a profile with installer privileges.



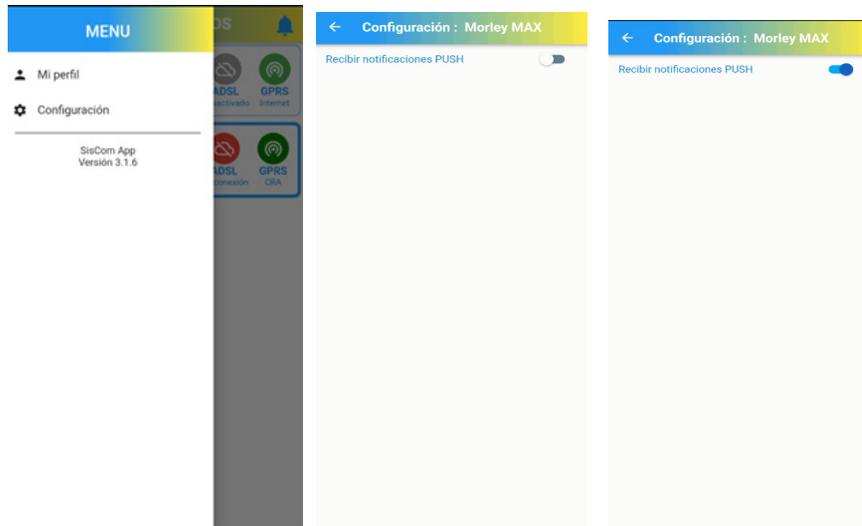
6.10 ACTIVATION OF PUSH NOTIFICATIONS.

In the SisComFB2/JadeBird configuration it is possible to activate the notification of events in the application by means of Push notifications, either for session with “User” or “Installer” privileges.

To be able to receive them, it is necessary to enable this option in the application.

6.10.1 Profile with “Installer” privileges.

Click on the icon in the upper left corner to bring up the “Team Menu”, and select “Configuration”.

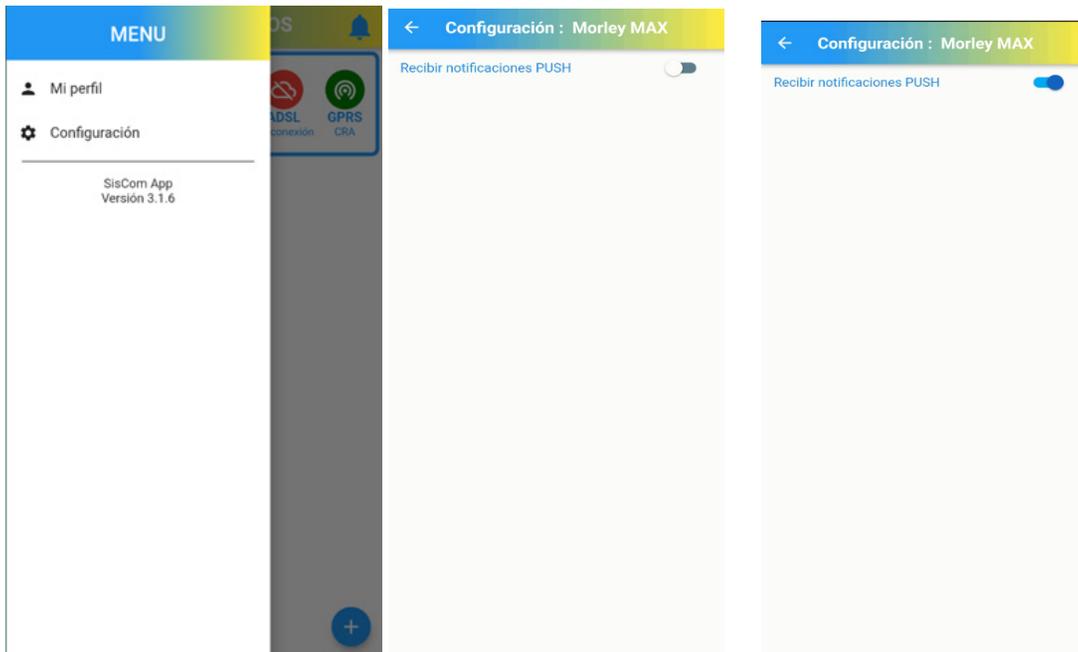


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Move the slider “Receive PUSH notifications” and click on “Update”.

6.10.2 Profile with “User” privileges.

Click on the icon in the upper left corner to bring up the “Device Menu”, and select “Configuration”.



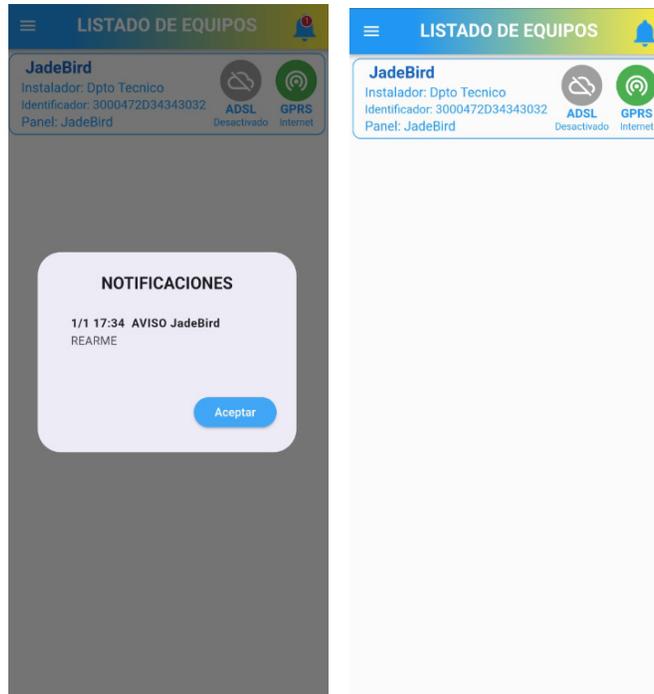
Move the “Receive PUSH notifications” slider”.

6.10.3 Push Notification

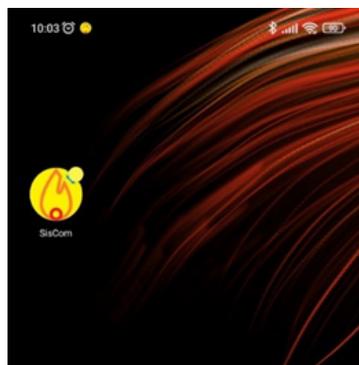
Push notifications will be displayed in the APP in the bell located at the top right and will inform us of the number of notifications received with the App open.



When accessing the bell it shows the notifications received and when accepting the message they disappear.



Push notifications will be displayed in the phone's notification bar and a yellow dot will appear on the App icon if the App remains closed.
Sliding the notification bar



Compliance standards:

EN 54-21:2006

EN 50136-2:2013

EN 50136-1:2012

EN 50130-4:2011/A1:2014

EN 50130-5:2011

SPT CATEGORIES: tipo 1b, DP1 a DP4.

System EVCP1

Note:

To comply with DP4 it is necessary that the Signaling and Control Equipment where it will be installed meets the necessary requirements.

DP: 0019/CPR/FB1009/119

ON2031

Made by: Sixtel c/ Molí, 2 43203 – Reus, Tarragona



RoHS
COMPLIANT



