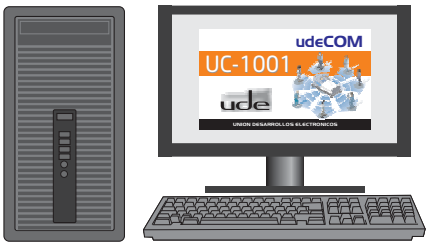
UC-1001

Nurse Call System udeCOM

DATA MANAGEMENT PC

Technical Manual

The UC-1001 is a computer that must run exclusively the UC-1001 software, allowing the visualization and storing activity made in one or more UDECOM systems in the same installation.
New functionalities and new features with smart usability interface for administration and healthcare professionals keeping all them update.



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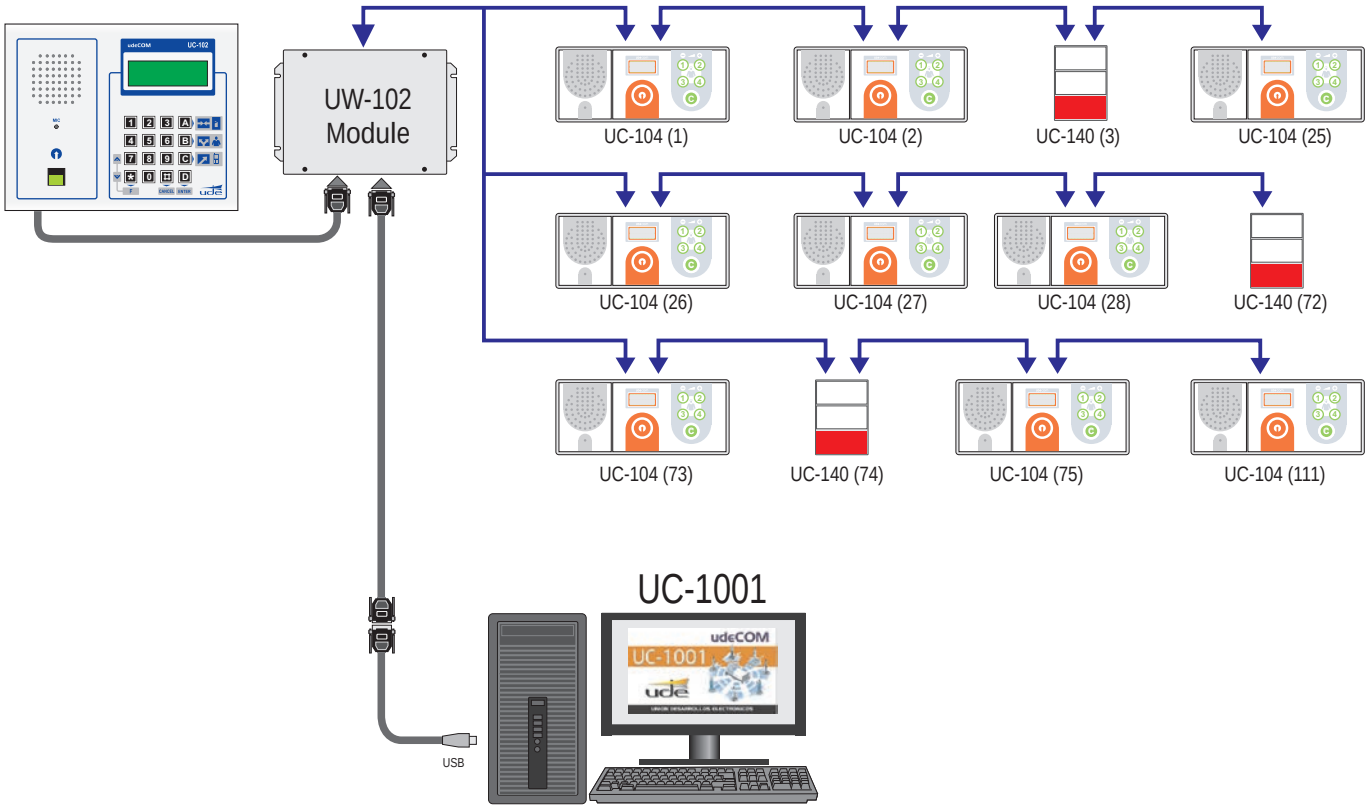
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WITH USB-TO-SERIAL CONVERTER

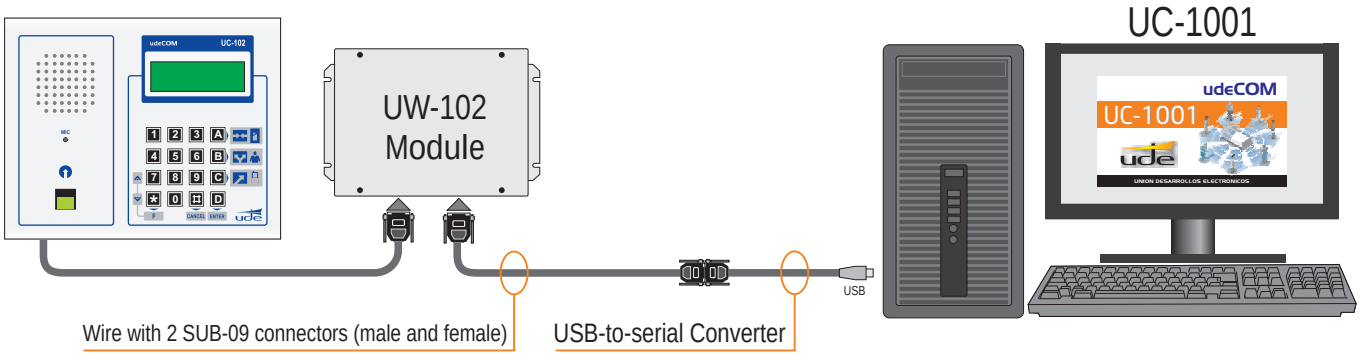
The UDECOM is a modular system for healthcare intercommunication, can be built in many BUS typologies (further information can be consult in wiring diagram UDECOM system file). The room substation (UC-104) and UC-140 process all the activity inside a room and send to the central station (UC-102) where previously was configured. Each UC-102 can control the activity of certain UC-104 and UC-140.

The data management PC (UC-1001) must be connected physically to an UW-102 connection module. The first type of connection is the most simple; 1 central station UC-102 and connection module with room substation UC-104/UC-140 connected by a FTP wire making a BUS. The next figure is an example of 111 substations.



In this example all activity of the room substation (UC-104/UC-140) of 111 units will be manage by the only central station (UC-102) that will feed the data management PC (UC-1001).

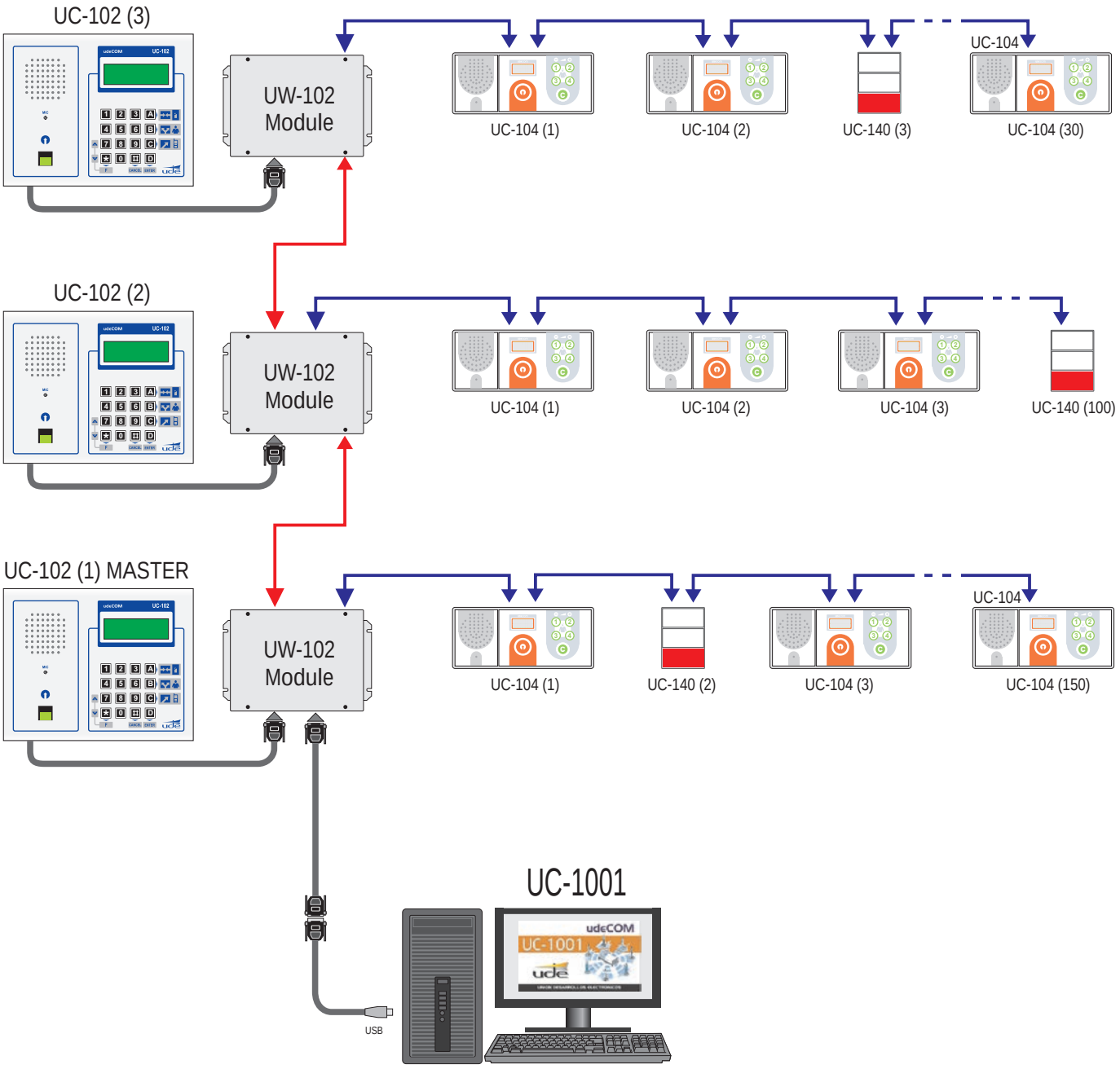
The connection must be done by a serial wire, between the connection module (UW-102) and the USB-to-serial converter (included with the UC-1001).



Caution!
The USB-to-serial converter can be installed in any USB port of the UC-1001.

WITH USB-TO-SERIAL CONVERTER

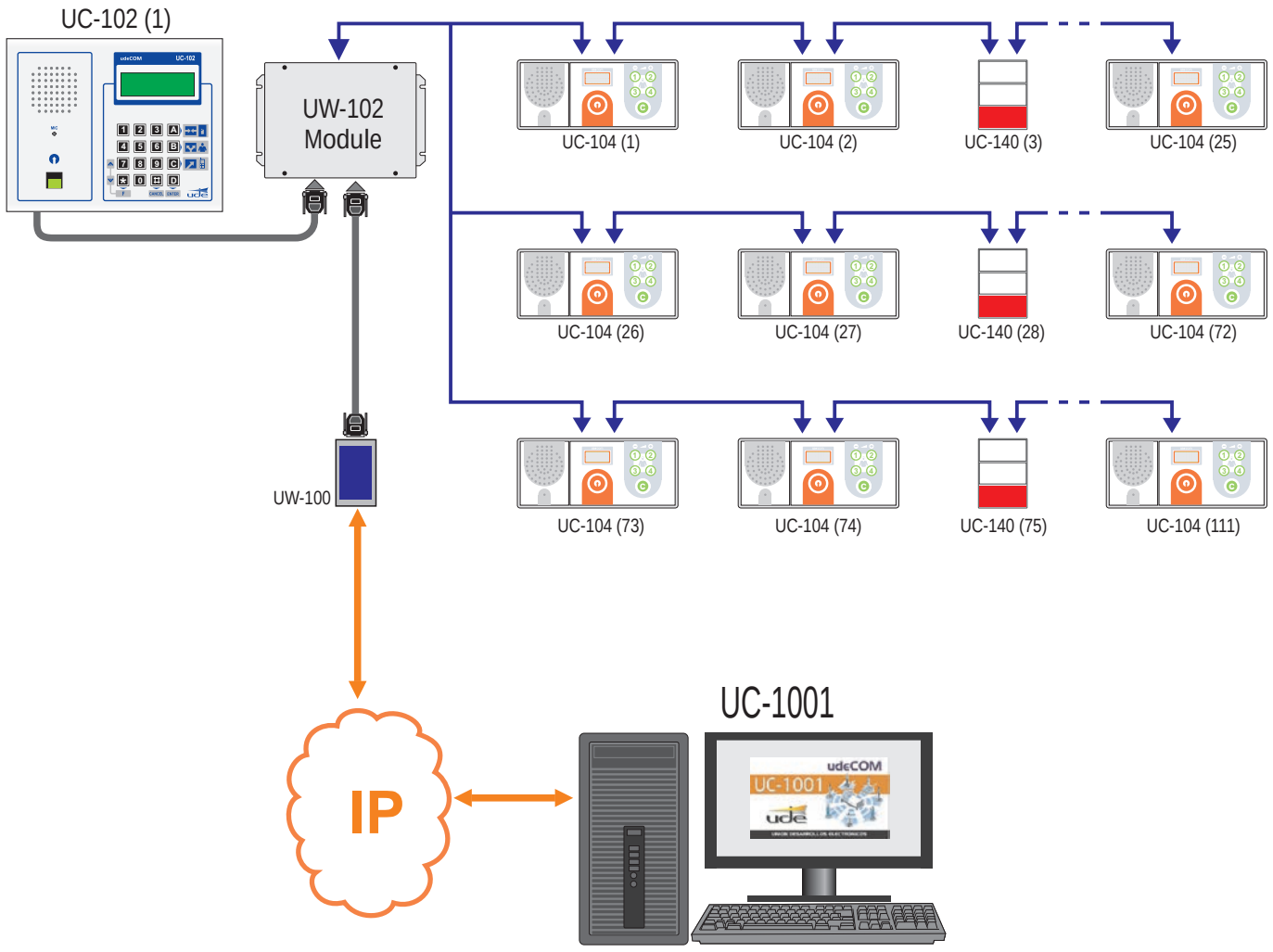
The second wiring that can be done with the system is when many UC-102 central stations are connected between each other, creating a whole system of intercommunication. The system can forward calls between different central stations (UC-102). The staff presences would be processed as whole system, not only as local information of one central station, the master UC-102 will receive all data and send to UC-1001, as is showed in the next figure:



The connection must be done by a serial wire, between the connection module (UW-102) and the USB-to-serial converter (included with the UC-1001).
The USB-to-serial converter can be installed in any USB port of the UC-1001.

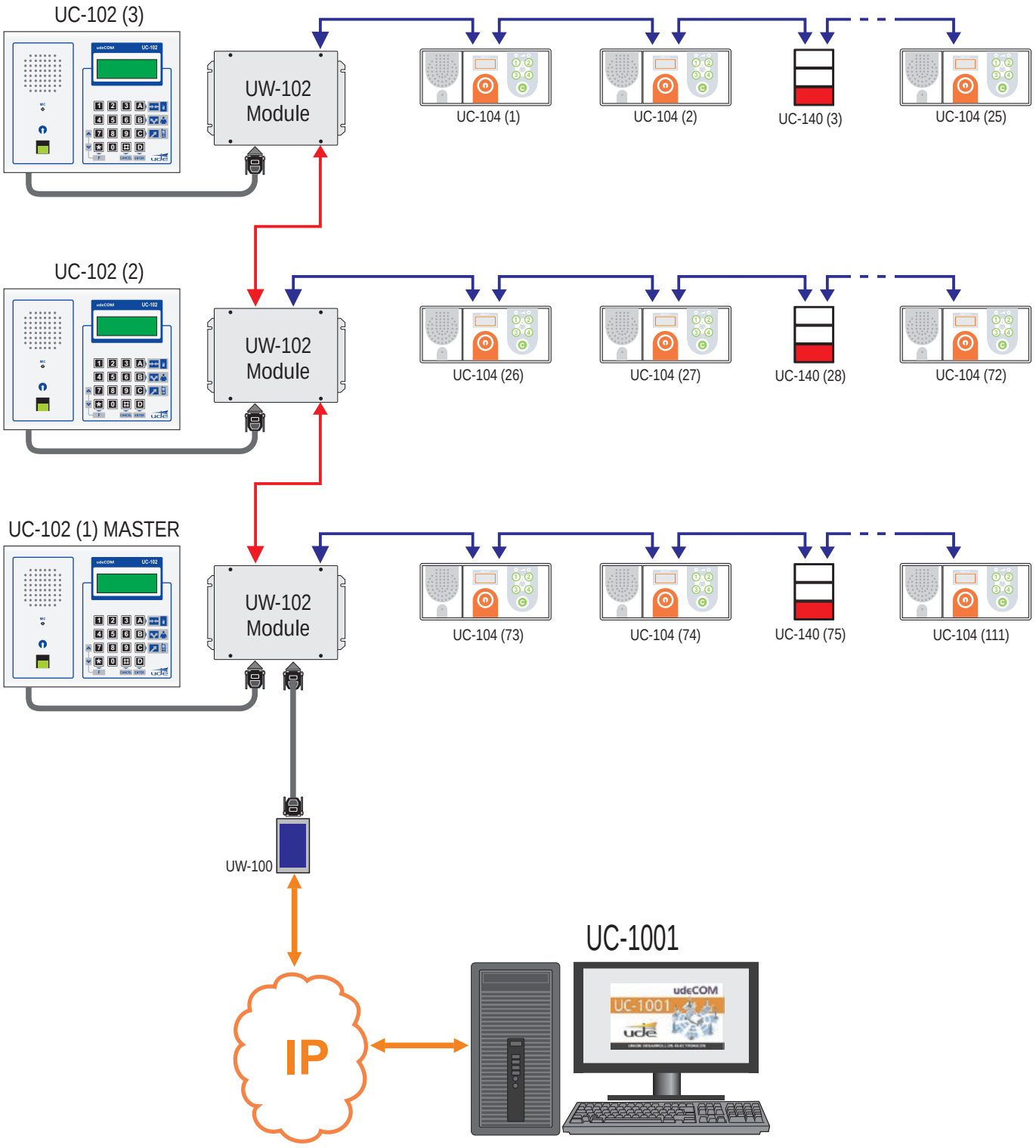
WITH 1-PORT RS-232 SERIAL DEVICE SERVER

The information produced by the UDECOM systems also can be send by an IP network. A RS-232 serial device server will be indispensable (UDE ref: UW-100). The first connection topology is between one central station UC-102/UW-102 and room substation UC-104/UC-140 connected in a BUS.
The next figure shows an example:



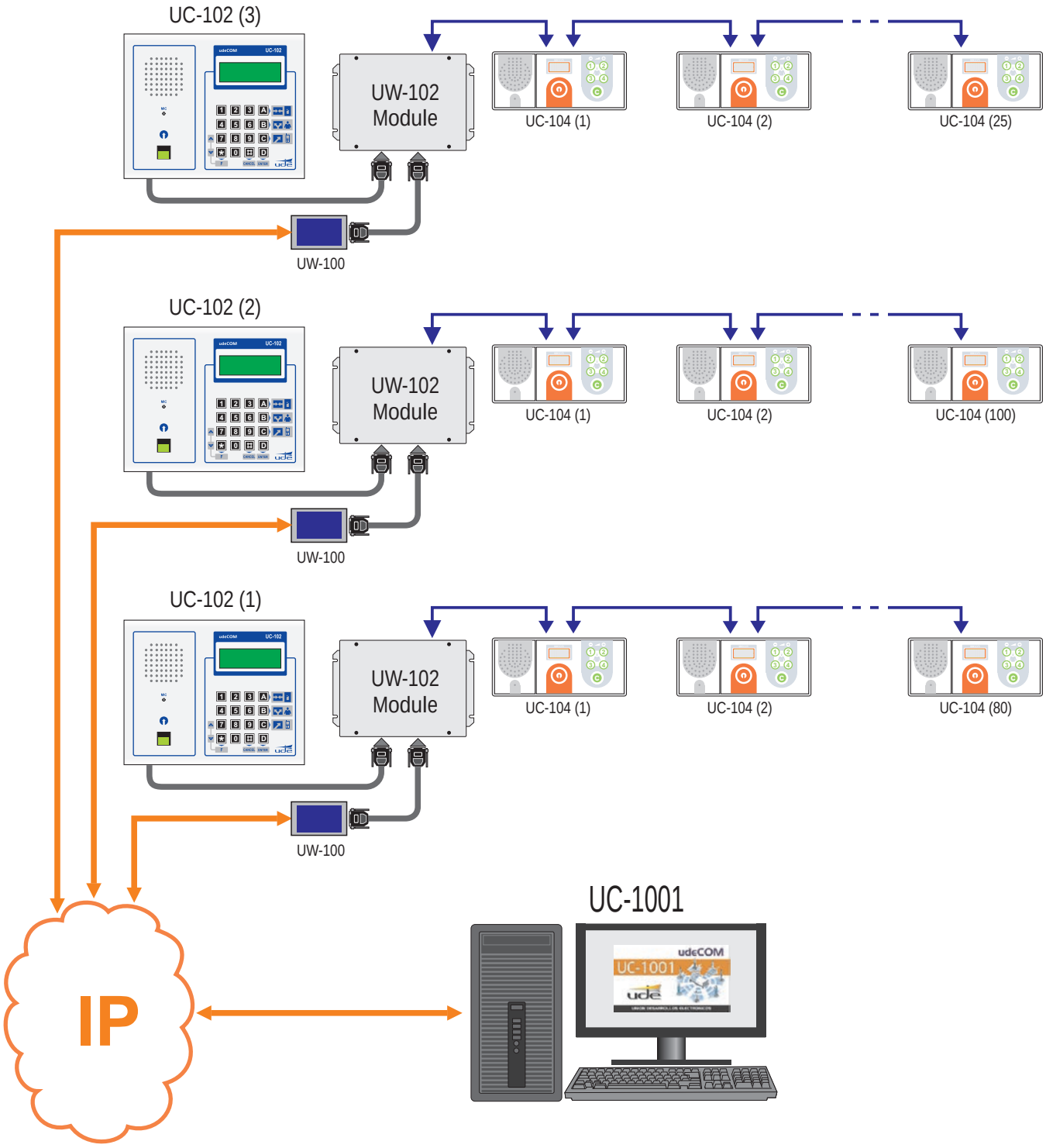
WITH 1-PORT RS-232 SERIAL DEVICE SERVER

The second connection topology is when many UC-102 central stations are connected between each other, creating a whole system of intercommunication. The master UC-102 central station will receive all data and send it to UC-1001 using an IP network, as is showed in the next figure:



WITH 1-PORT RS-232 SERIAL DEVICE SERVER

The third connection topology links many independent UDECOM central stations (UC-102) that would send the information to one or more UC-1001 (consult UW-100 datasheet for more information) through an IP network, as is showed in the next figure:



UC-1001 FIRST RUN

The UC-1001 software has 3 preset profiles to login.

In the section Maintenance-> User accounts is possible to create, edit and delete user accounts.



Level 1	Level 2	Level 3
User: tecnico	User: adminstrador	User: usuario
Password: tecnico	Password: administrador	Password: usuario

Each user profiles have these characteristics:

TECHNICAL

- Create, edit and delete patients.
- Room and floor configuration.
- Create, edit and delete user accounts.
- Create, edit and delete employees.
- Event and activities configuration.
- COM ports configuration.
- Manage the data base.
- Show real-time system activity.

ADMINISTRATOR

- Create, edit and delete patients.
- Room configuration.
- Create, edit and delete employees.
- Manage the data base.
- Report creations.
- Show realtime system activity.

USER

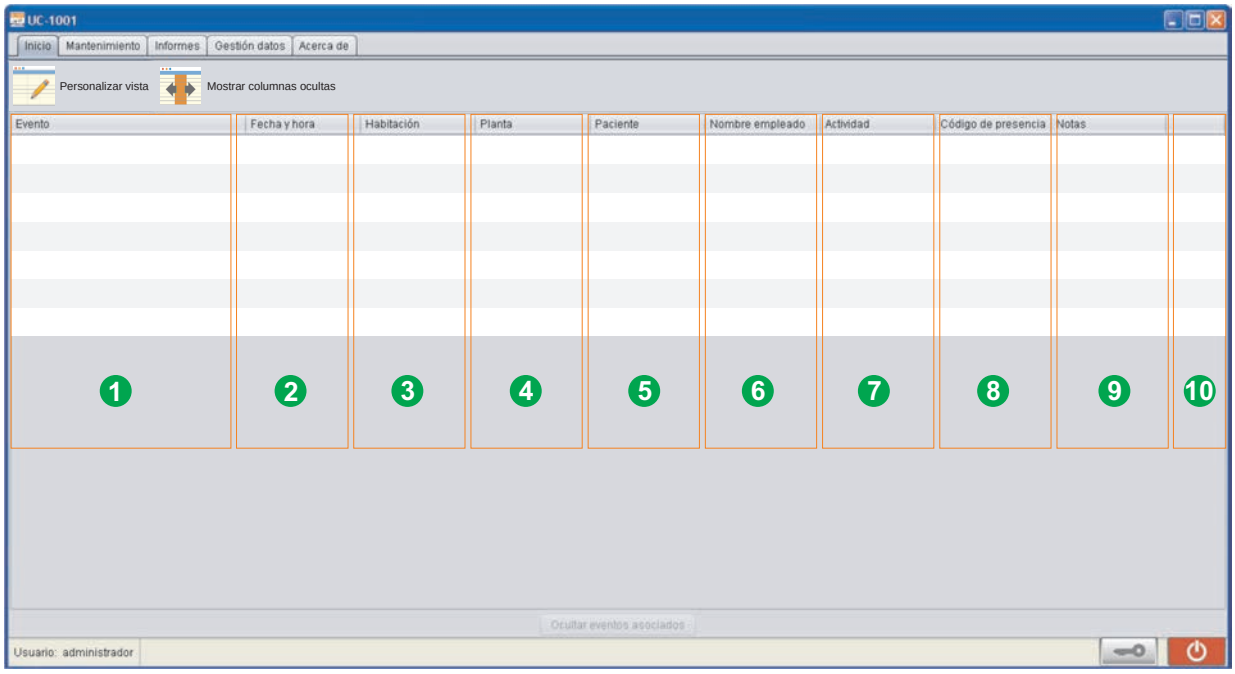
- Consult patients medical record.
- Show realtime system activity.

FIRST CONFIGURATION

Some configuration characteristics of the UC-1001 should be done in a specific order, in case of a first time configuration or clarification consult the next figure:

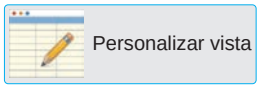
1. COM ports configuration.
2. Floor configuration.
3. Room configuration.
4. Employees and patient configuration.
5. User account configuration.
6. Events and activities configutartion (optional).

The UC-1001 home page shows a real-time system activity (from the room substations UC-104, intercommunication between central station and UC-104, staff presences information, call cancelations, etc.).



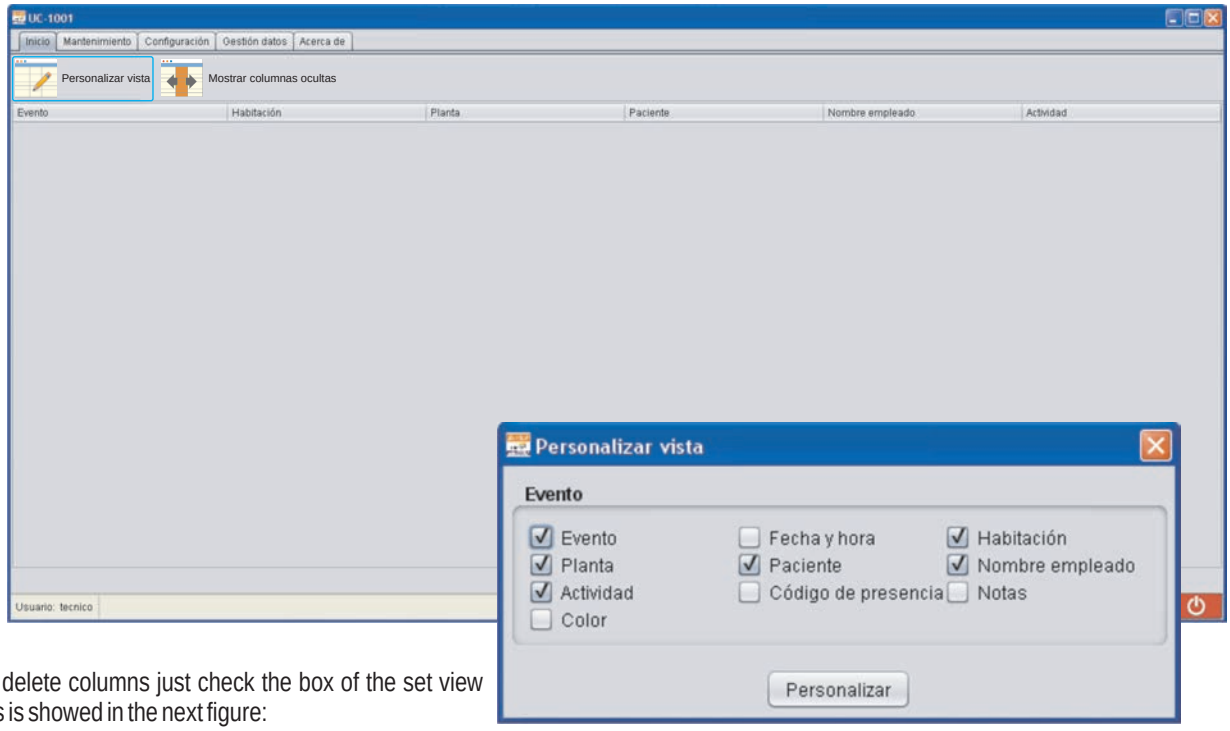
1. Icon and event description
2. Date (day/month/year) and hour (hour:minute:second)
3. Event room
4. Floor event
5. Patient names
6. Professional names
7. Activity description
8. Staff presence code
9. Room information
10. Event colour description

The home page is automatically refreshed with real-time information of one or many UDECOM systems (consult connection section for more information).



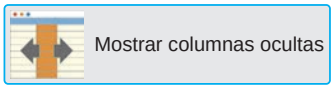
Set view.

Allows to manage which columns would be shown in the home page.



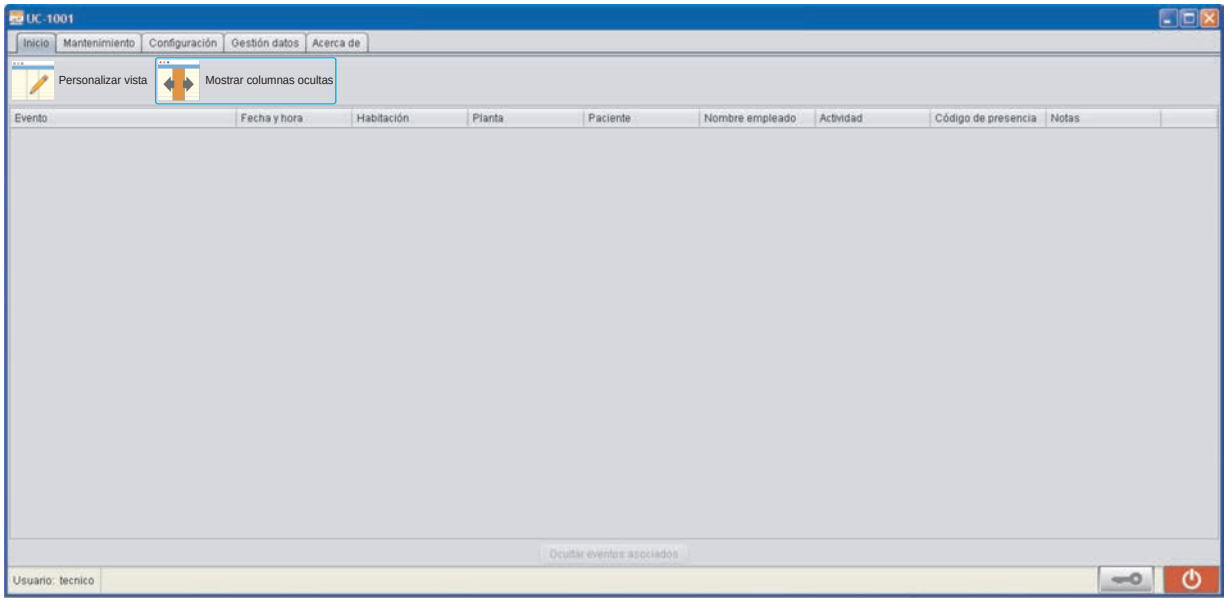
To add or delete columns just check the box of the set view pop-up. As is showed in the next figure:

To select the desired columns check the box selection of the column to add, once the global configuration is done click on the customize button to validate it.



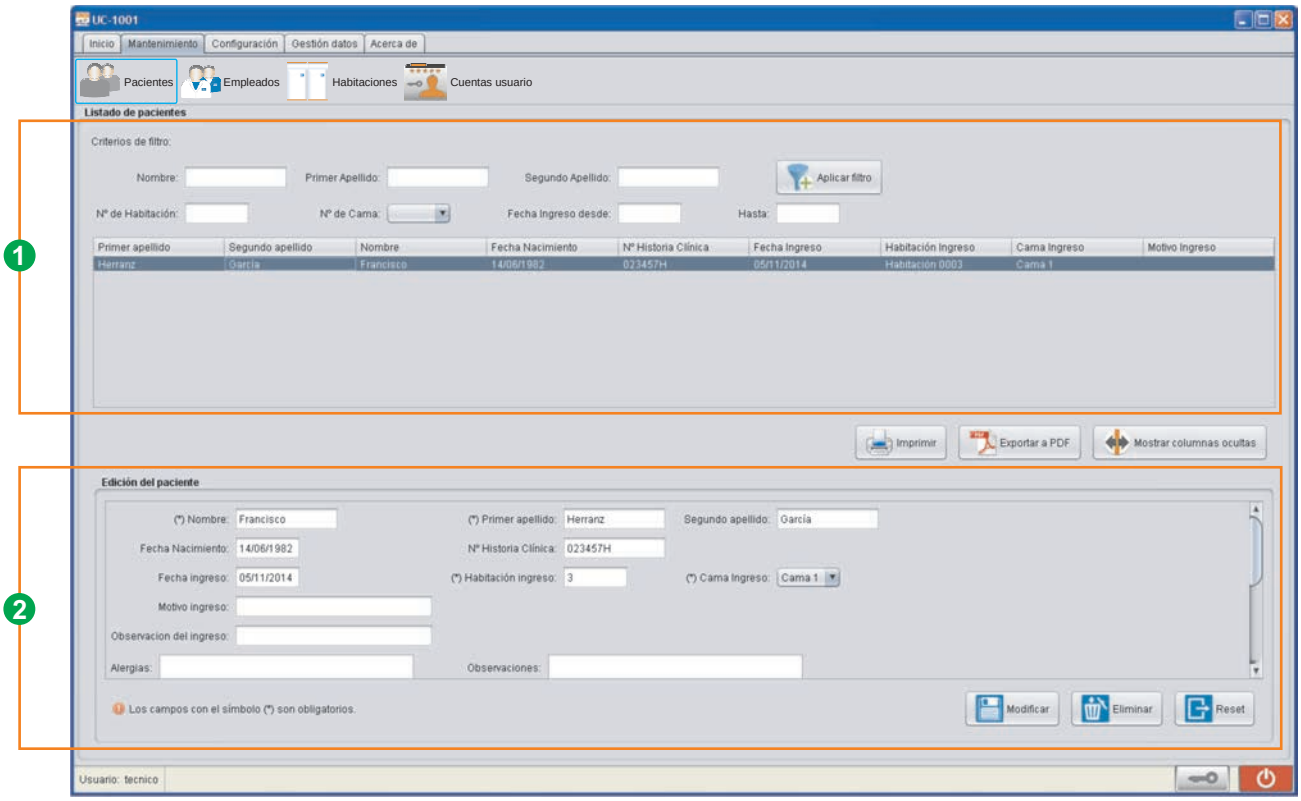
Show hidden columns.

Allows visualizing all home page columns that can be hidden in previous configuration process.





The patient configuration window manages information of all hospitalized people in the centre.



1 Filter search and patient list.

2 Create, edit and delete patients.

New patient



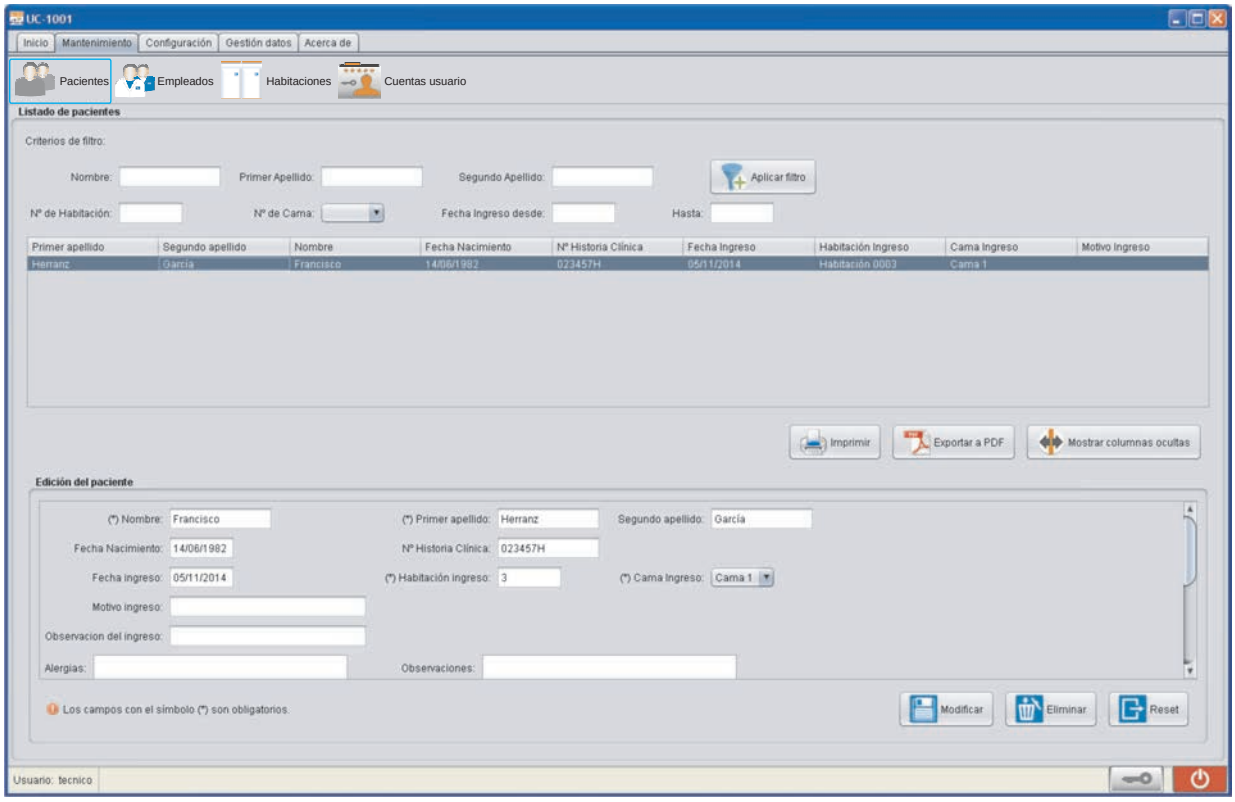
The minimum information to be filled in the patient creation is:
- Name
- First surname
- Second surname
- Bed of admission

All others fields are optional, to validate all data make click on submit button.

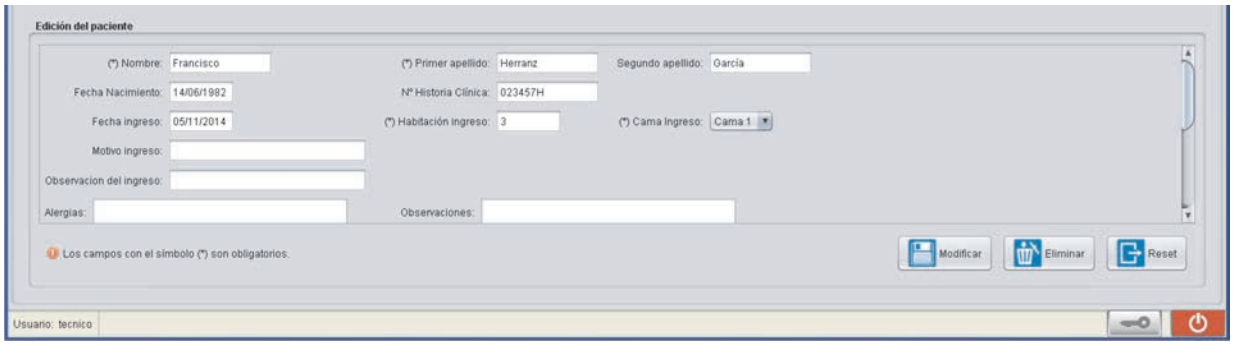


Edit and delete patients

Select the patient medical record by clicking on it in the patient list, as is showed in the next figure:



The medical record will be load for edition or delete process, as is showed in the next figure:

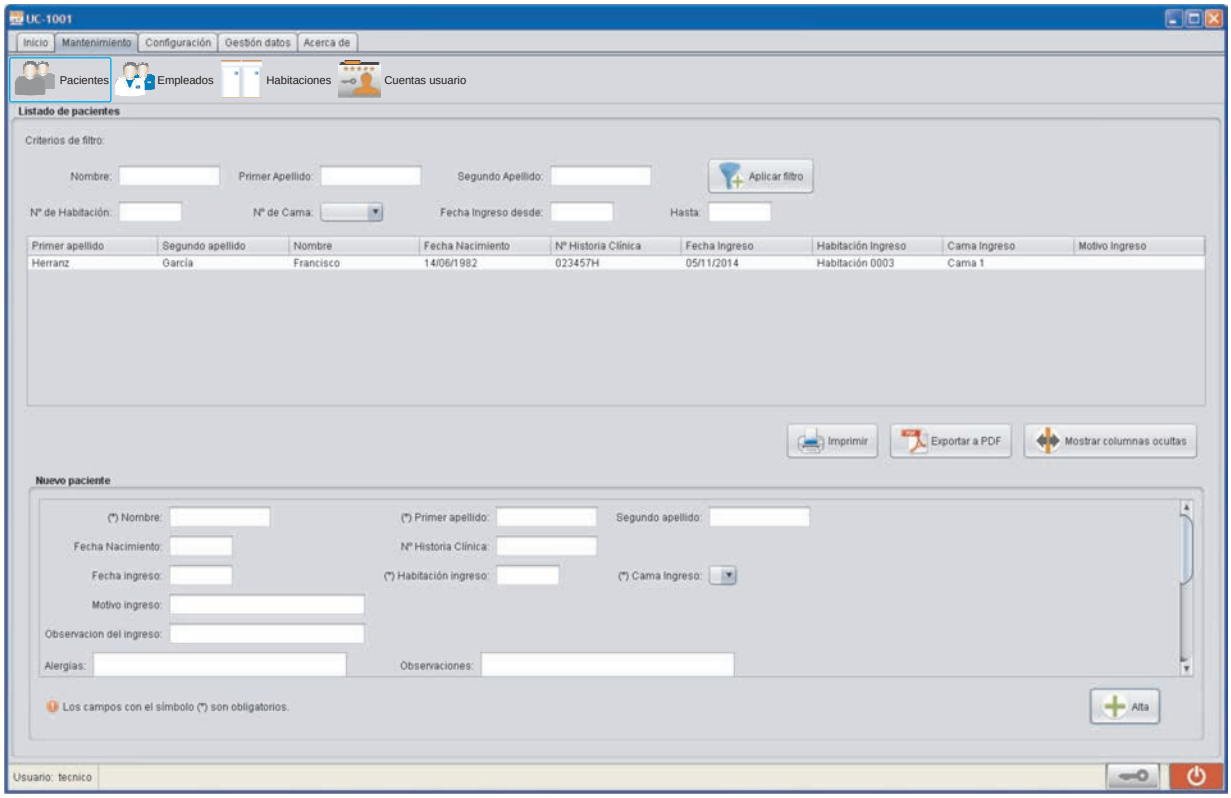


The fields can be edited, but required fields must be filled, save all changes clinking on "Edit" icon.
To delete the medical record, click on "Delete" icon.
To leave the edition window, click on "Reset" button.

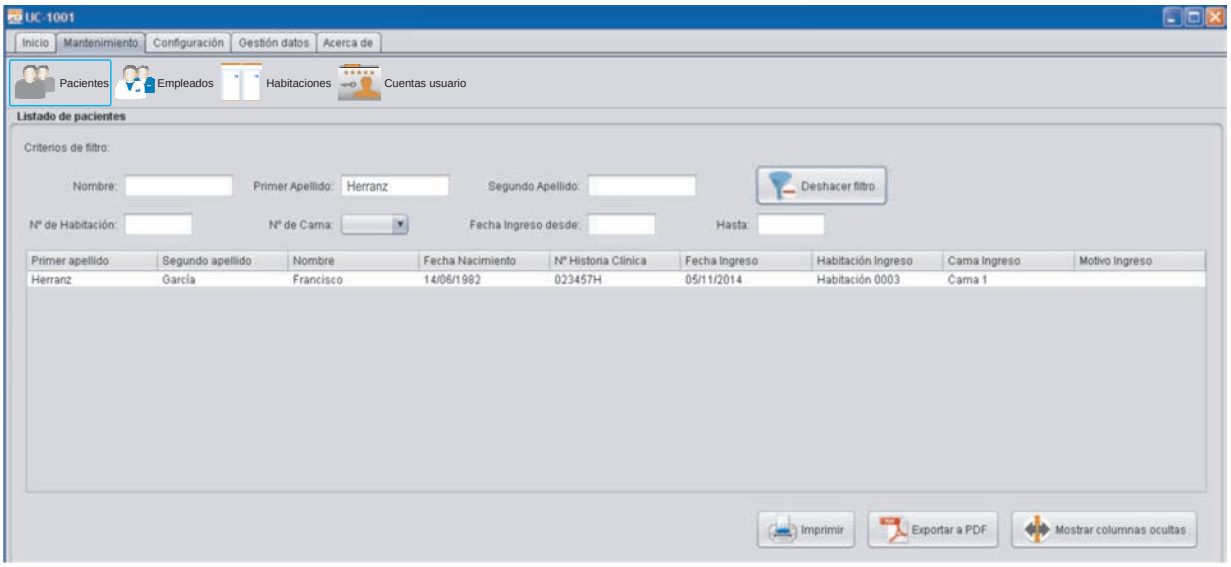


Patient filter

The list shows all the patients that had been created in the data management PC (UC-1001), the filter tool is really useful to search with certain filter criteria, for that fill the desired filter fields and click on the apply filter button.

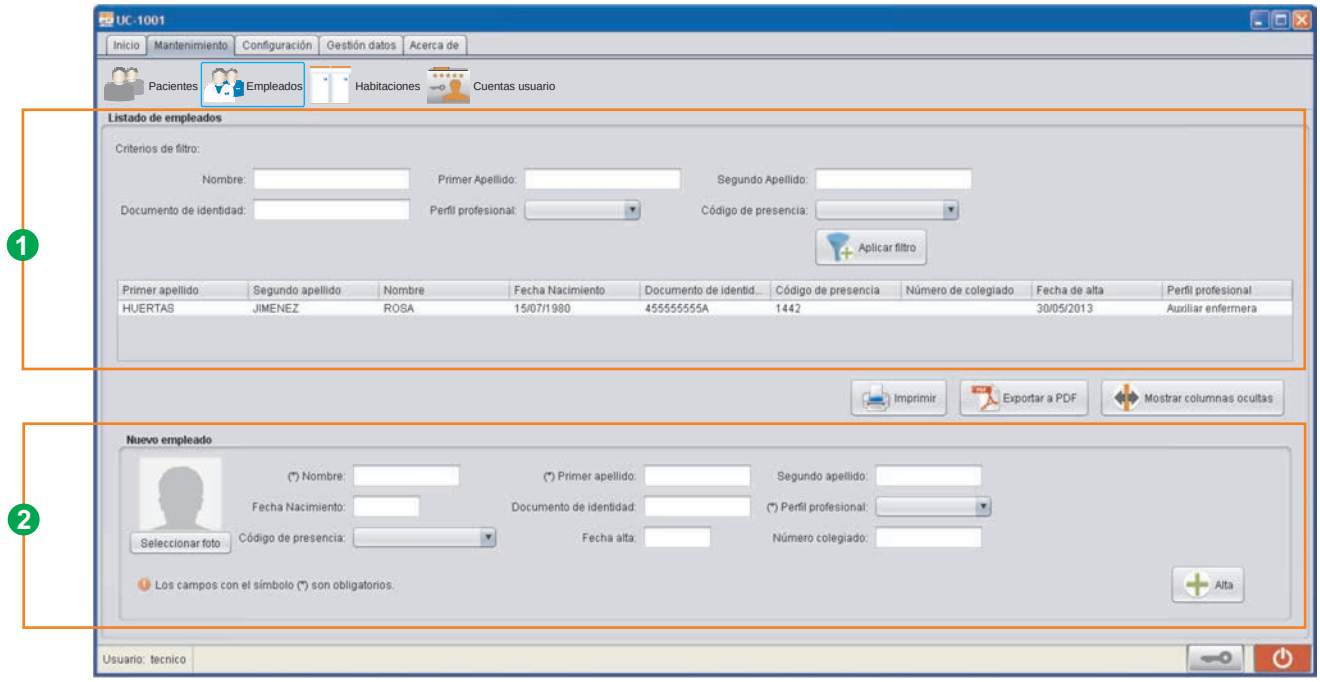


Results showed will be the patients that match with the filter criteria, afterwards is possible to print it or create a PDF file with the results.
It is possible to customize the columns of the patient list, for that press the right-hand button on the column label you desire to hide. To return to the complete configuration with all the columns, click on "Show hidden columns" button.





The employee's configuration window manages the information of all workers and professional staff in the centre.



1 Filter search and employees list.

2 Create, edit and delete employees.

New employee



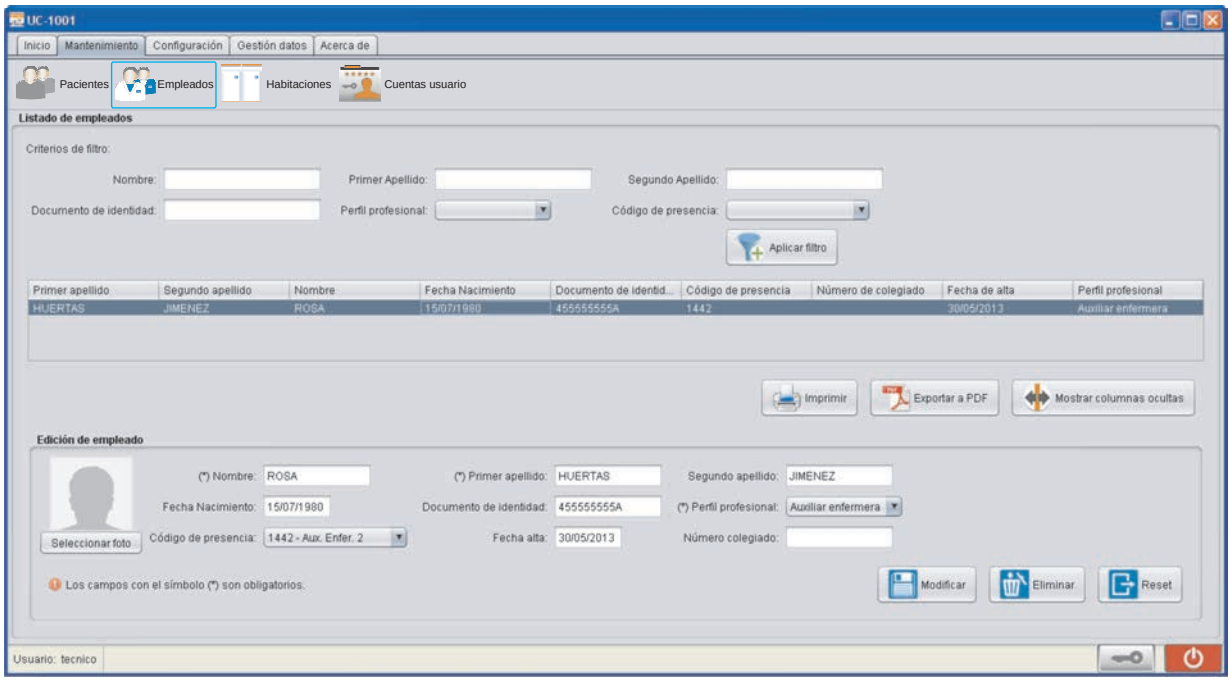
The minimum information to be filled in the employee creation is:
- Name
- First surname
- Professional profile

All others fields are optional, to validate all data make click on submit button.



Edit and delete employee

Select the worker record by clicking on it in the employees list, as is showed in the next figure:



The employee information will be load for edition or delete process, as is showed in the next figure:



The fields can be edited, but required fields must be filled, save all changes clinking on "Edit" icon.

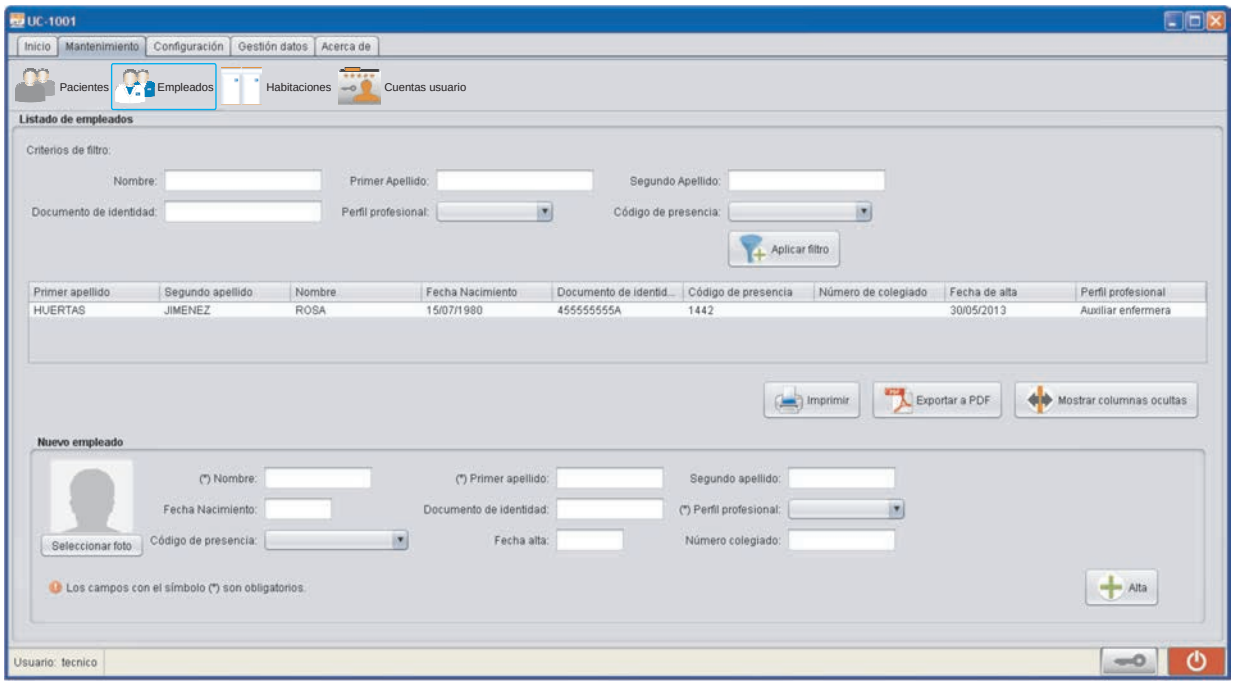
To delete the medical record, click on "Delete" icon.

To leave the edition window, click on "Reset" button.



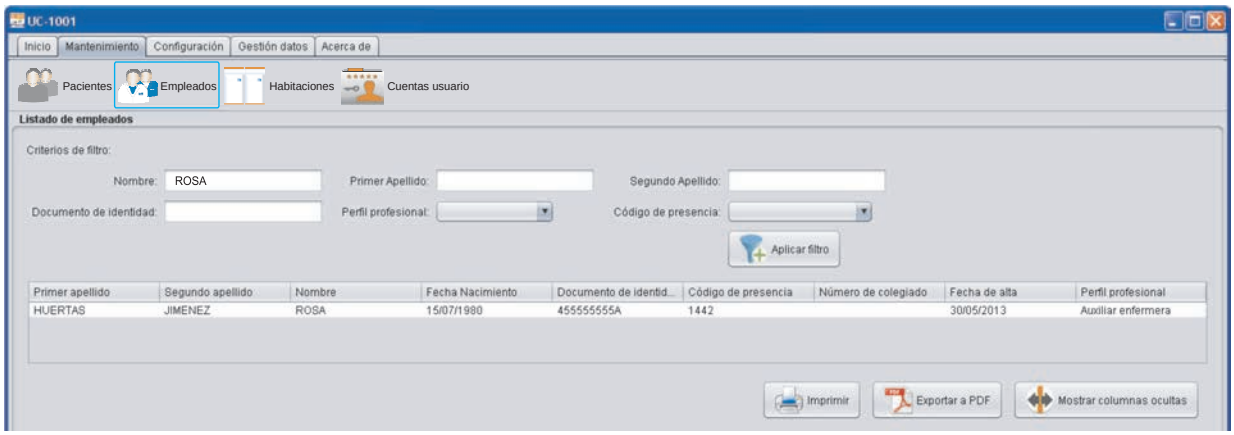
Employee filter

The list shows all the employees that had been created in the data management PC (UC-1001), the filter tool is really useful to search with certain filter criteria, for that fill the desired filter fields and click on the apply filter button.



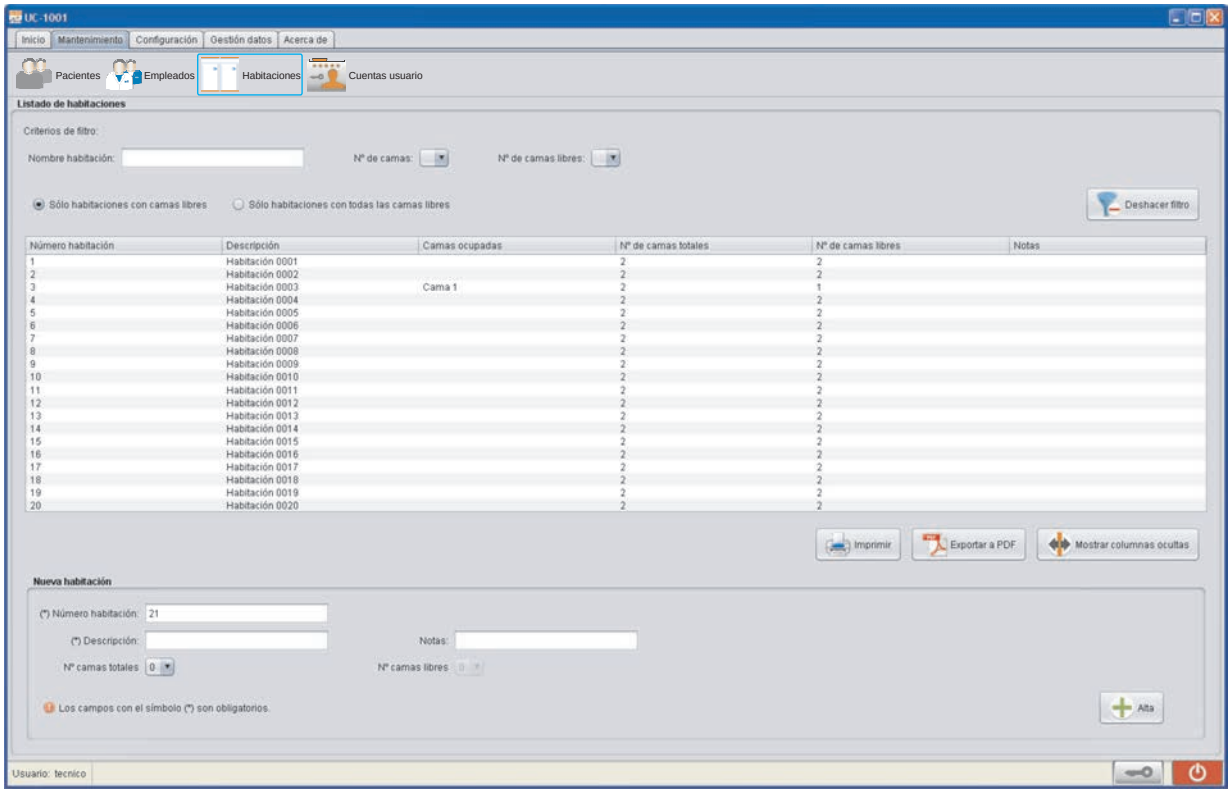
Results showed will be the employees that match with the filter criteria, afterwards is possible to print it or create a PDF file with the results.
It is possible to customize the columns of the employee list, for that press the right-hand button on the column label you desire to hide.

To return to the complete configuration with all the columns, click on "Show hidden columns" button.



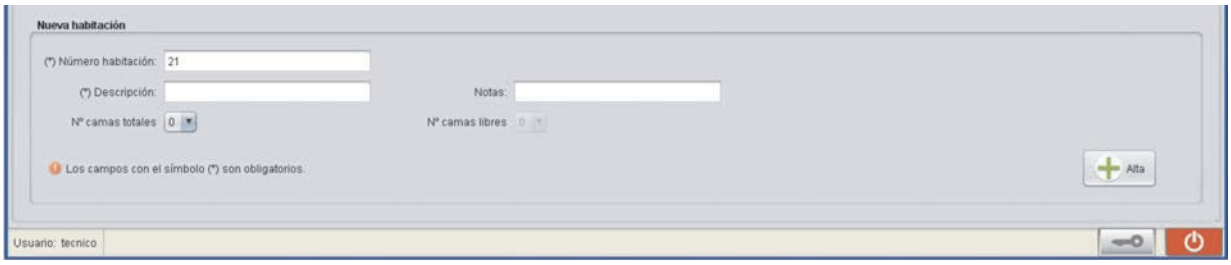


The UC-1001 has a factory configuration of 20 active bedrooms that can be seen as active with black colour, as is showed in the next figure:



New room

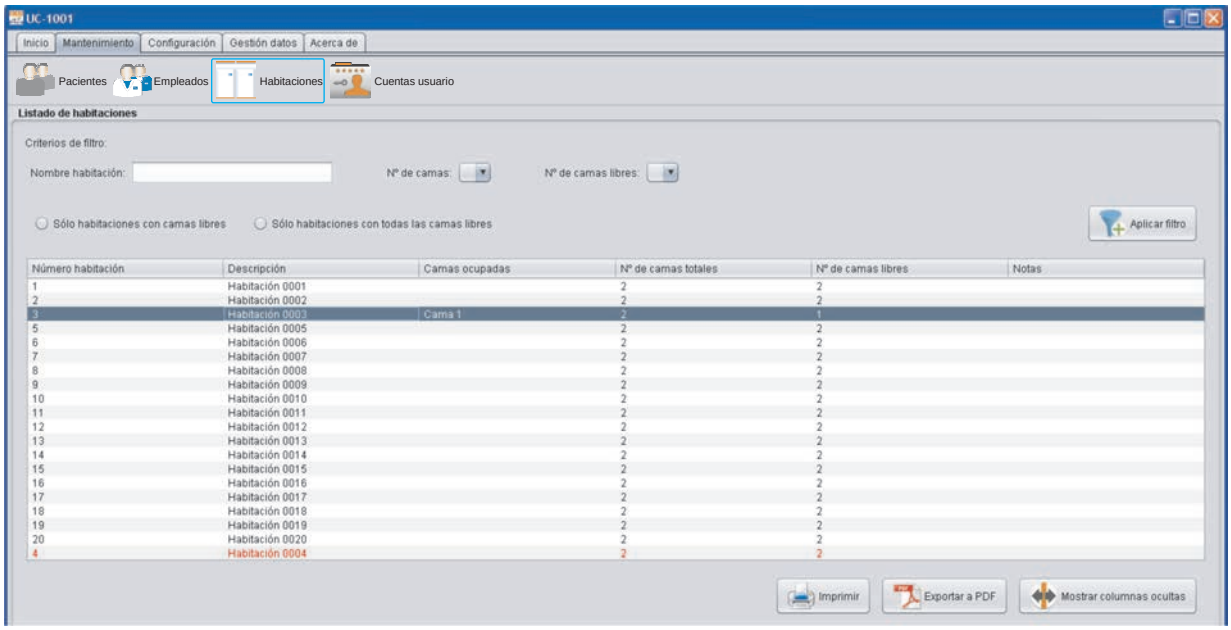
The minimum information to be filled in the room creation is:
- Room number:
Should match with the room substation id (UC-104)
- Description:
Room label.
- Total number of beds:
It is possible to configure a maximum of 6. Factory default configuration is 2 (bed 1 and bed 2).
- Notes:
Can attach extra information.





Room edition

Select the room clicking on it in the room list, as is showed in the next figure:



The room configuration will be load for edition or delete, as is showed in the next figure:

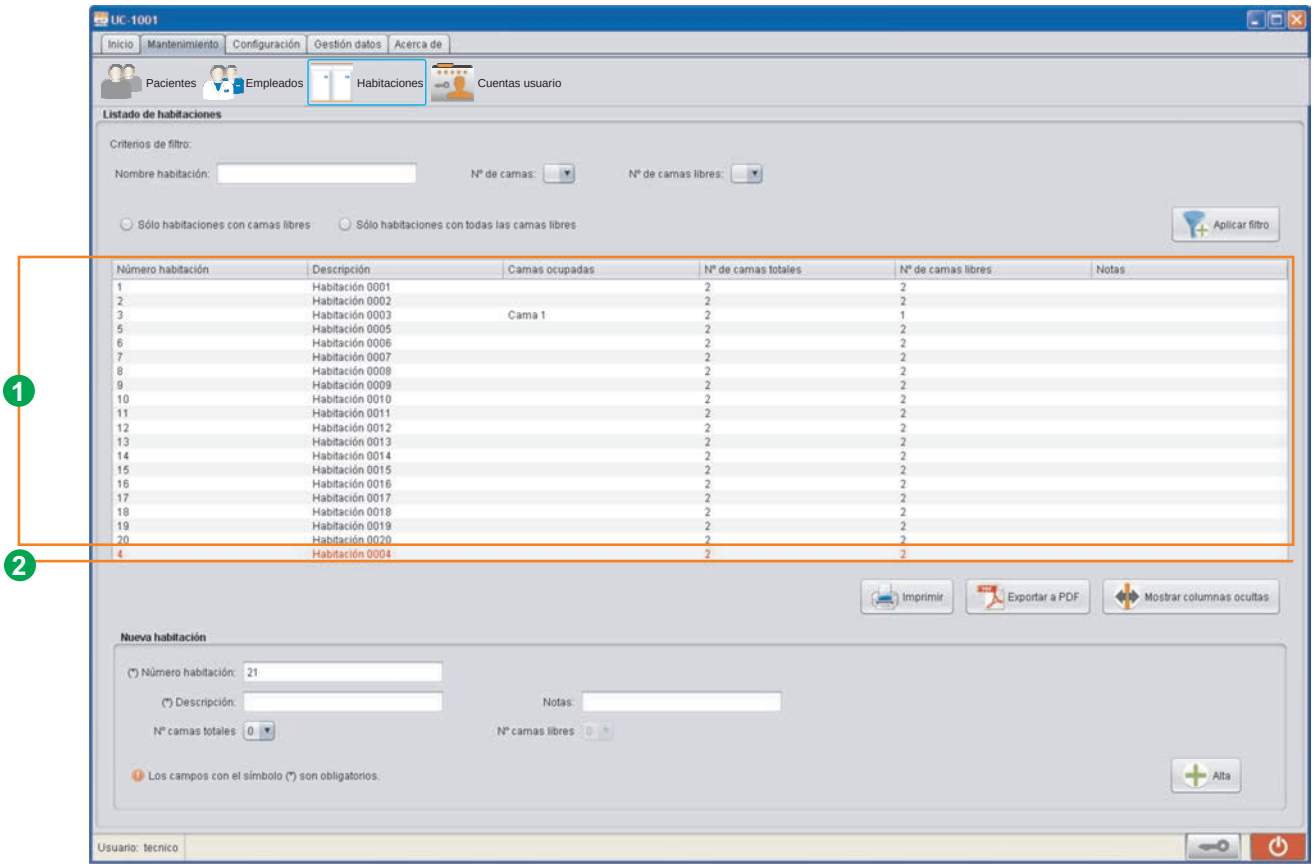


The fields can be edited, but required fields must be filled, save all changes clinking on "Save" icon.

Habitaciones

Delete room

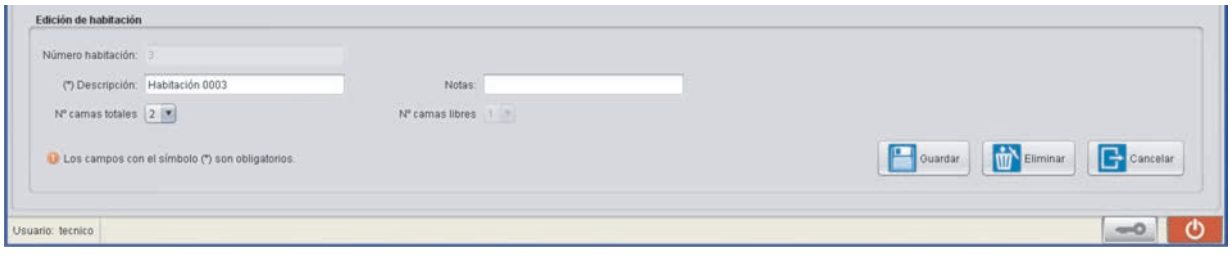
Delete one room click on "Delete" icon. Two room conditions exist in the UC-1001:



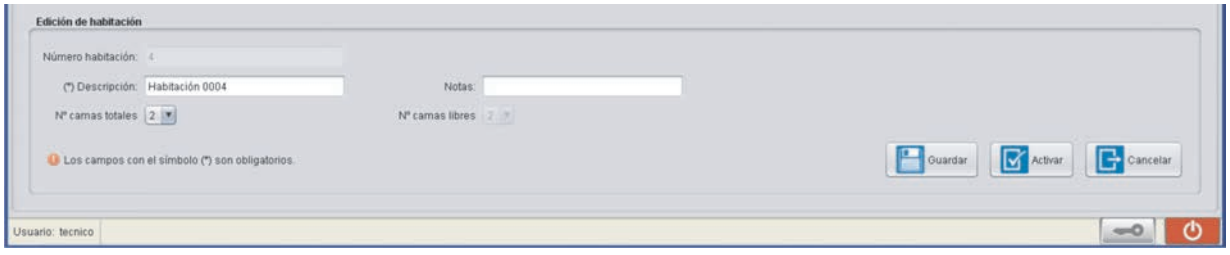
1 All active rooms

2 Room 020 deactivate

Active:
The room is in use and it is showed in the room list in black colour. It can be used for system configuration. To deactivate one enter in room edition and click on "Delete" icon.



Deactivate:
The room is not in use but it is show in the room list in red colour. It cannot be configured on the system. To activate on room enter in room edition and click on "activate" icon.

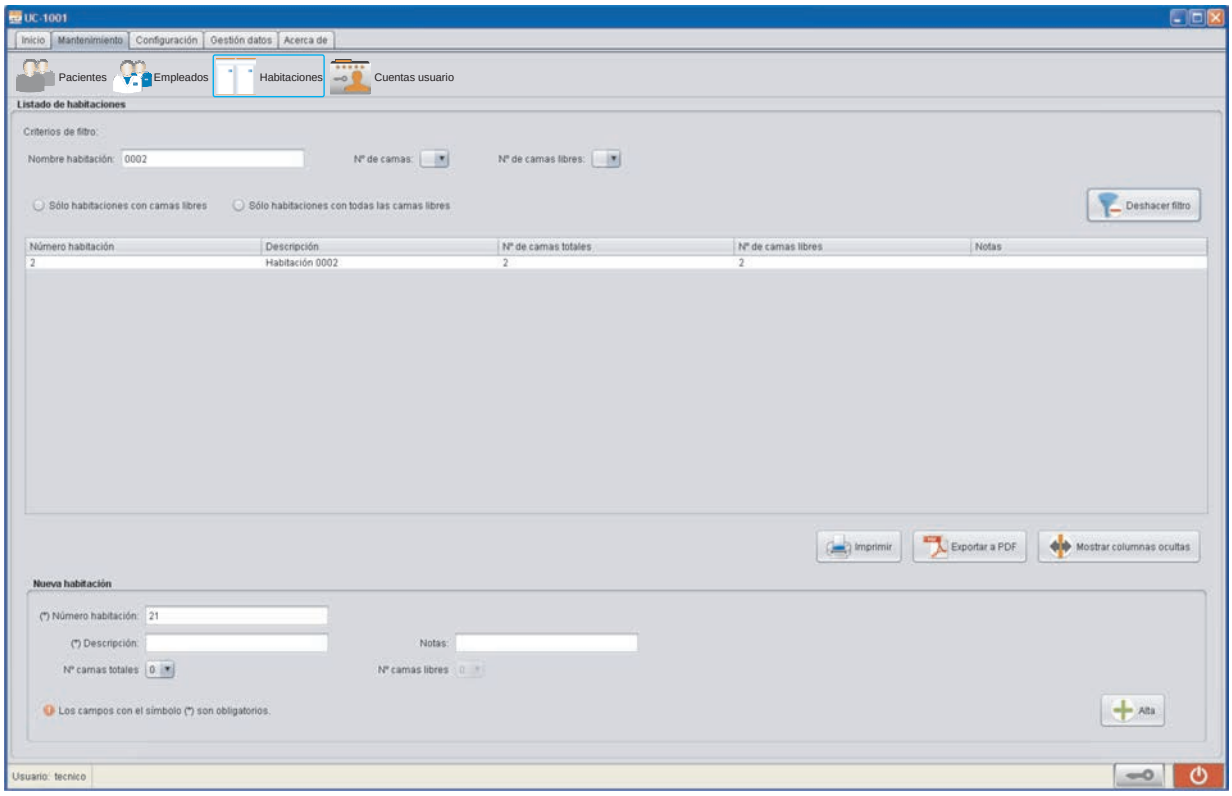


To leave the edition menu click on "Cancel" icon.



Room filter

The list shows all the active rooms that had been created in the data management PC (UC-1001), the filter tool is really useful to search with certain filter criteria, for that fill the desired filter fields and click on the apply filter button.



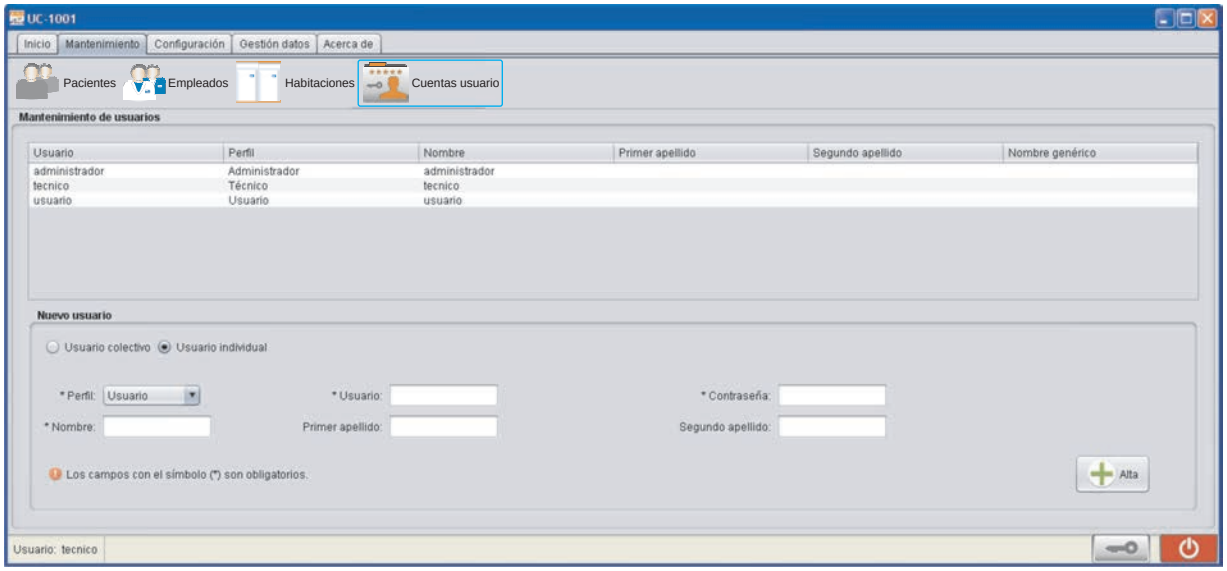
In the figure example the result of the filter shows all the rooms that matches with "room 0001", this is a single result because in the system it is only registered on room with this name, afterwards is possible to print it or create a PDF file with the results.

It is possible to customize the columns of the employee list, for that press the right-hand button on the column label you desire to hide.

To return to the complete configuration with all the columns, click on "Show hidden columns" button.

USER ACCOUNTS CONFIGURATION

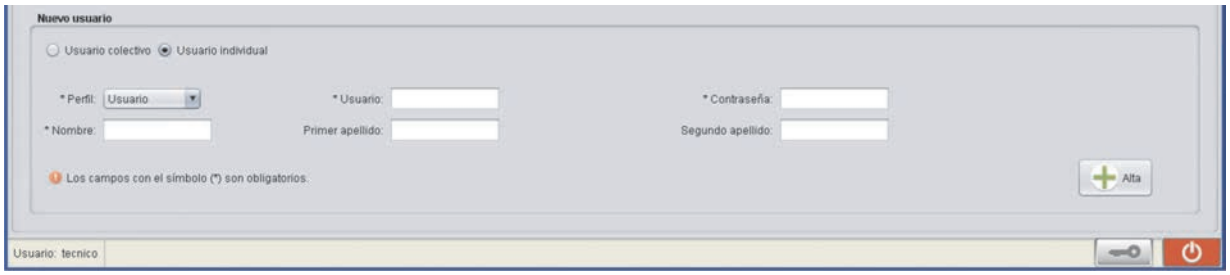




The UC-1001 software has 3 preset profiles to login: technical, administrator and user.
Each new user must be linked with a profile. The profile characteristics are:

TECHNICAL	ADMINISTRATOR	USER
• Create, edit and delete patients. • Room and floor configuration. • Create, edit and delete user accounts. • Create, edit and delete employees. • Event and activities configuration. • COM ports configuration. • Manage the data base. • Show real-time system activity.	• Create, edit and delete patients. • Room configuration. • Create, edit and delete employees. • Manage the data base. • Report creations. • Show realtime system activity.	• Consult patients medical record. • Show realtime system activity.

New user



The minimum information to be filled in the user creation is:
- Profile / - Name / - User / - Password

There are two kind of user:
User groups:
The login and password can be used for more than one person. For example, all the nurses use the same login: User: nurses
Password: Nur56123

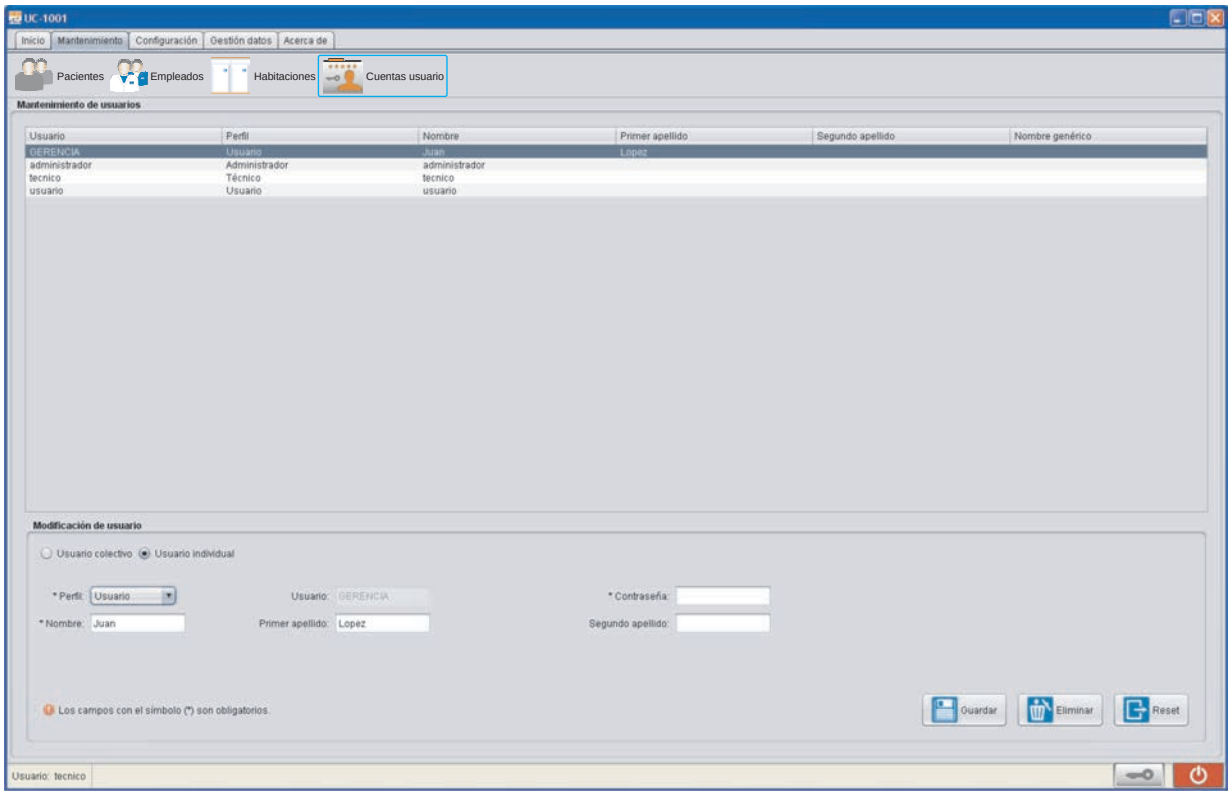
Named user:
This single user should be used only for one person, for example: User: JohnL
Password: Pass123

Required fields must be filled, save all changes clinking on "Submit" icon.

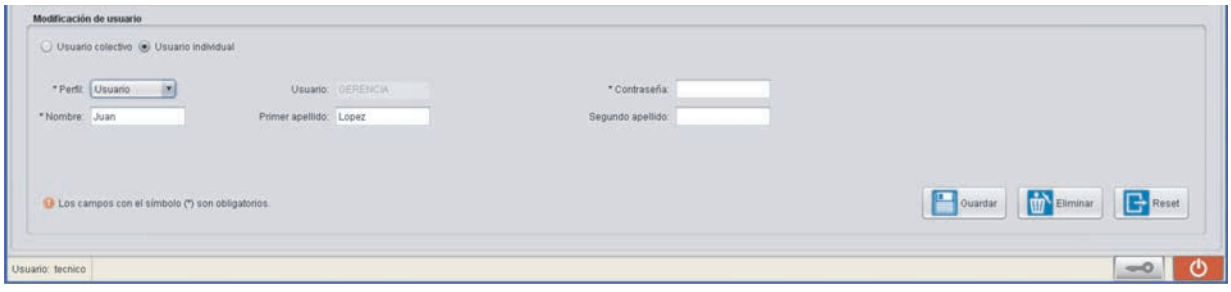


User account edition

Select the user clicking on it in the user maintenance list, as is showed in the next figure:



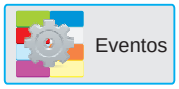
The user configuration will be load for edition or delete, as is showed in the next figure:



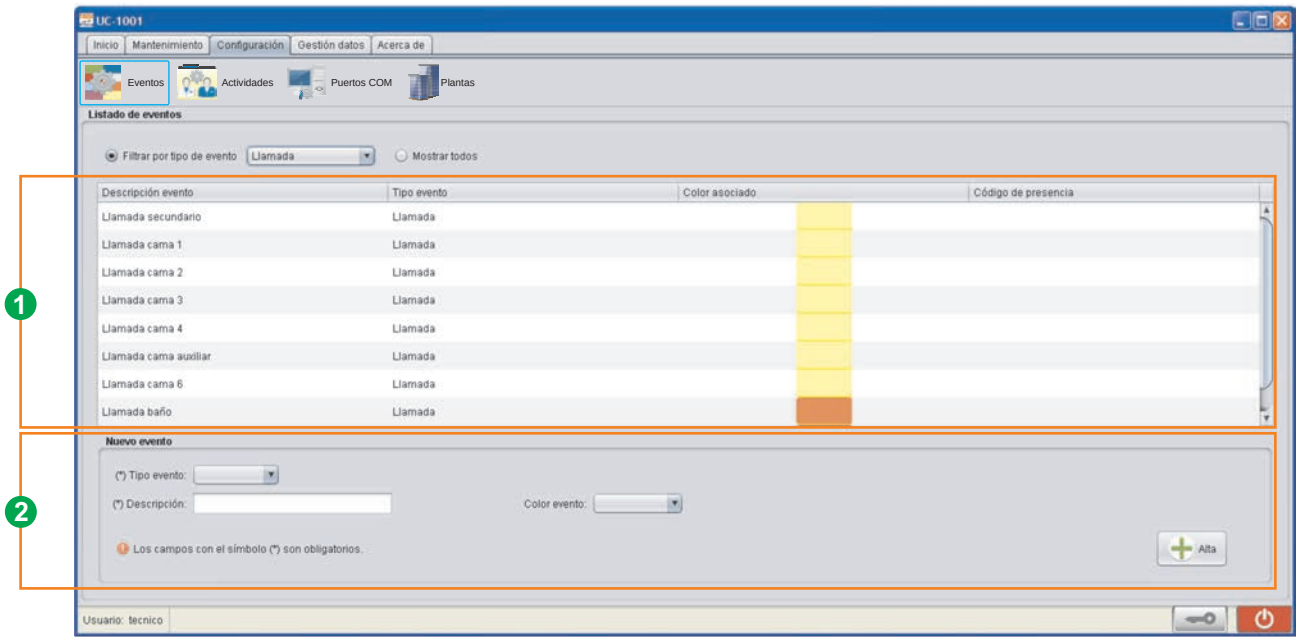
The fields can be edited, but required fields must be filled, save all changes clinking on "Save" icon.

To delete the medical record, click on "Delete" icon.

To leave the edition window, click on "Reset" button.

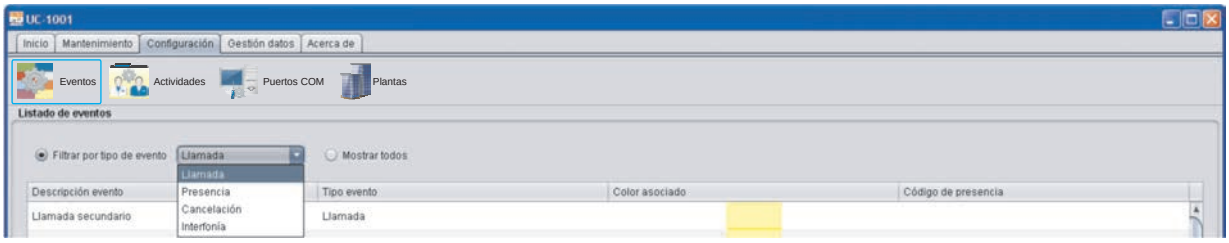


The event configuration menu manages all data related with the system event in the UC-1001 home page:



1 Event list.

2 Create, edit and delete events.

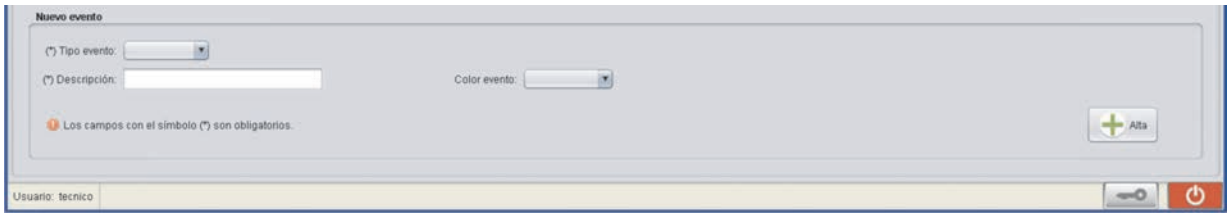


Event categories are:

Call
Presence
Call cancellation
Intercom

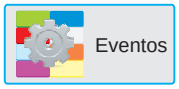
Or Show all option.

New event



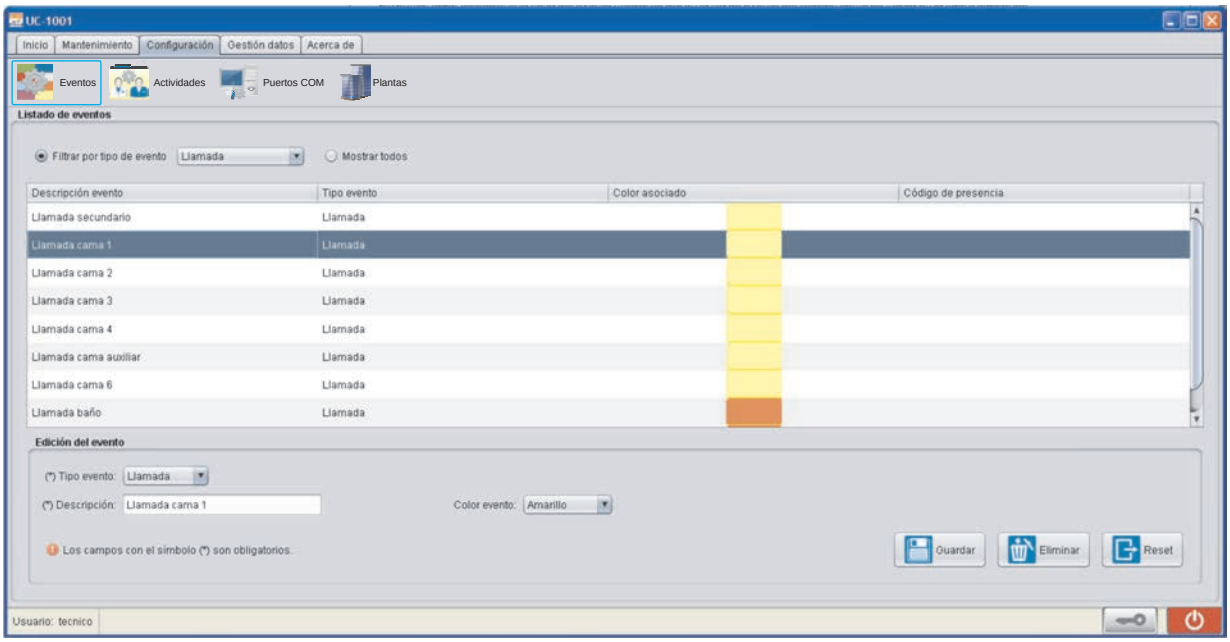
The minimum information to be filled in the event creation is:
- Type of event.
- Description.
- Event colour.

To validate all data make click on "submit" button.

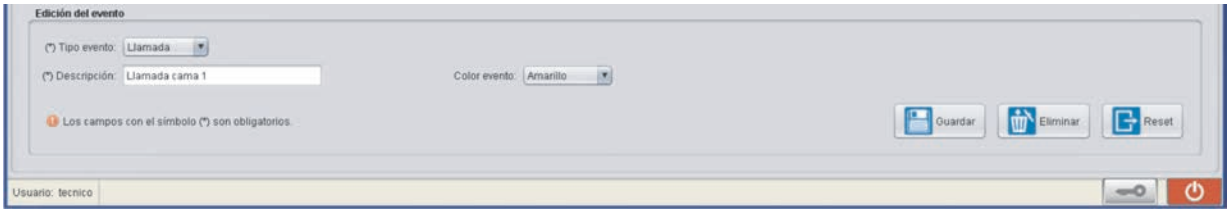


Event edition and delete

Select the event clicking on it in the event list, as is showed in the next figure:



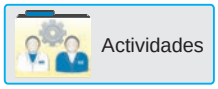
The event configuration will be load for edition or delete, as is showed in the next figure:



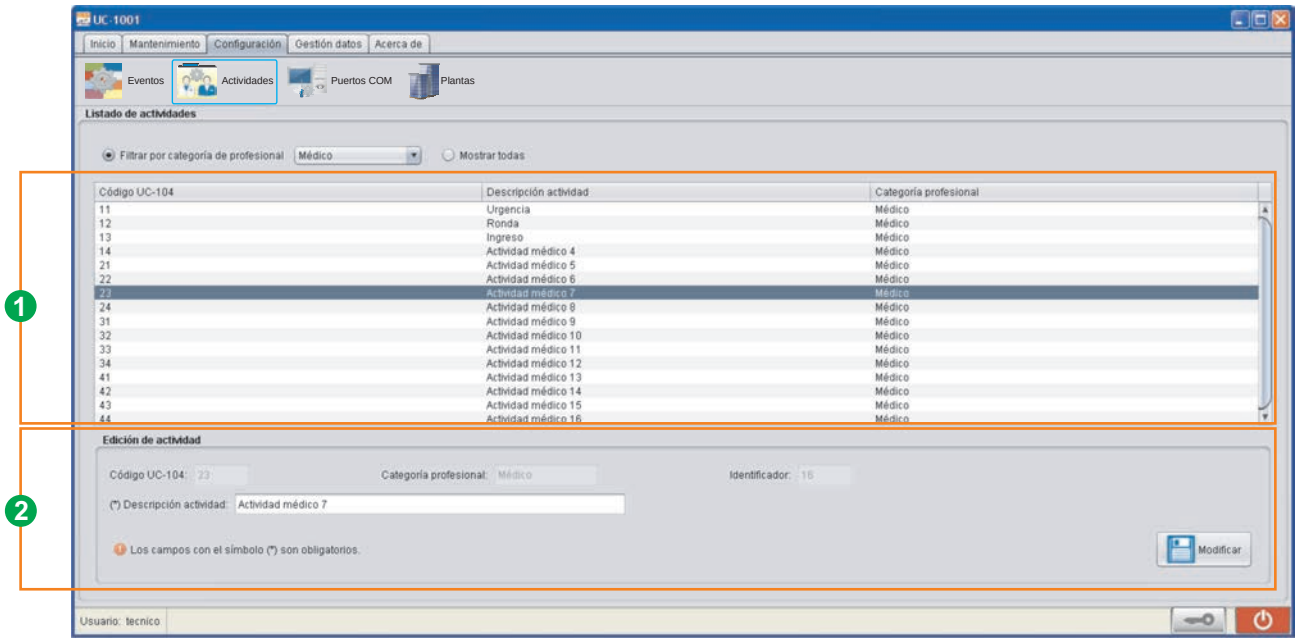
The fields can be edited, but required fields must be filled, save all changes clinking on "Save" icon.

To delete the medical record, click on "Delete" icon.

To leave the edition window, click on "Reset" button.



The activities configuration menu manages all data related with the system activity in the UC-1001:

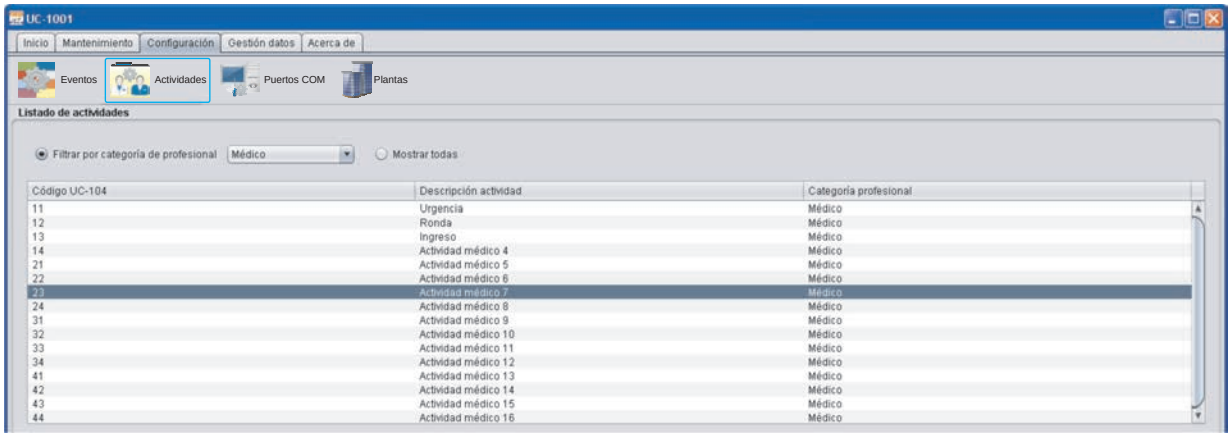


1 List of activities.

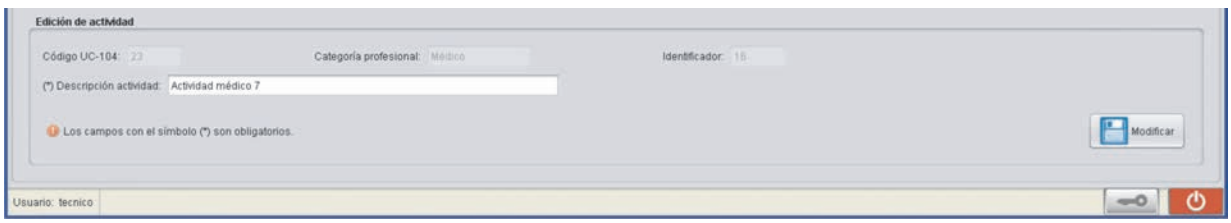
2 Activities edition.

Activities edition

Select the activity clicking on it in the list of activities, as is showed in the next figure:



The activity configuration will be load for edition, as is showed in the next figure:



The fields can be edited, save all changes clinking on "Edit" icon.

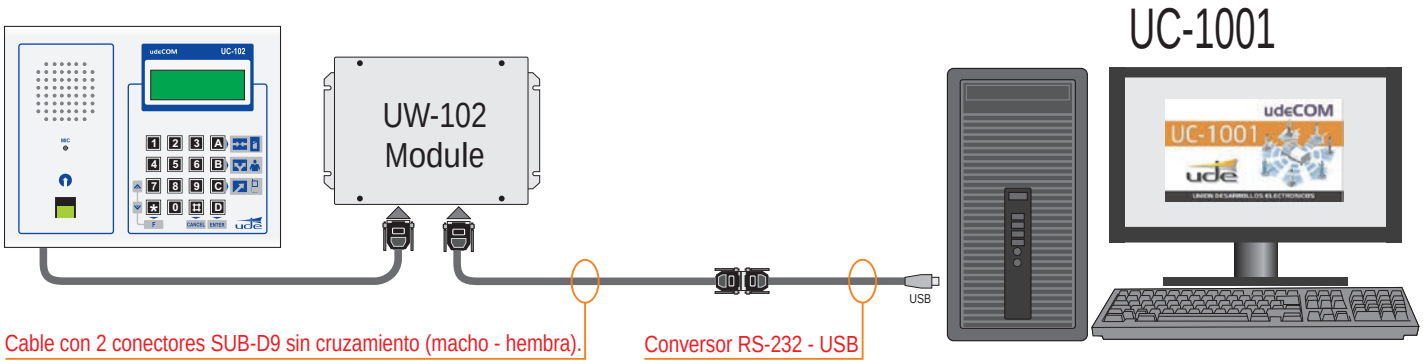
COM Port configuration

The data management PC (UC-1001) must be connected physically to an UW-102 connection module.

Para ello existen dos tipologías:

Type 1: USB-to-serial converter

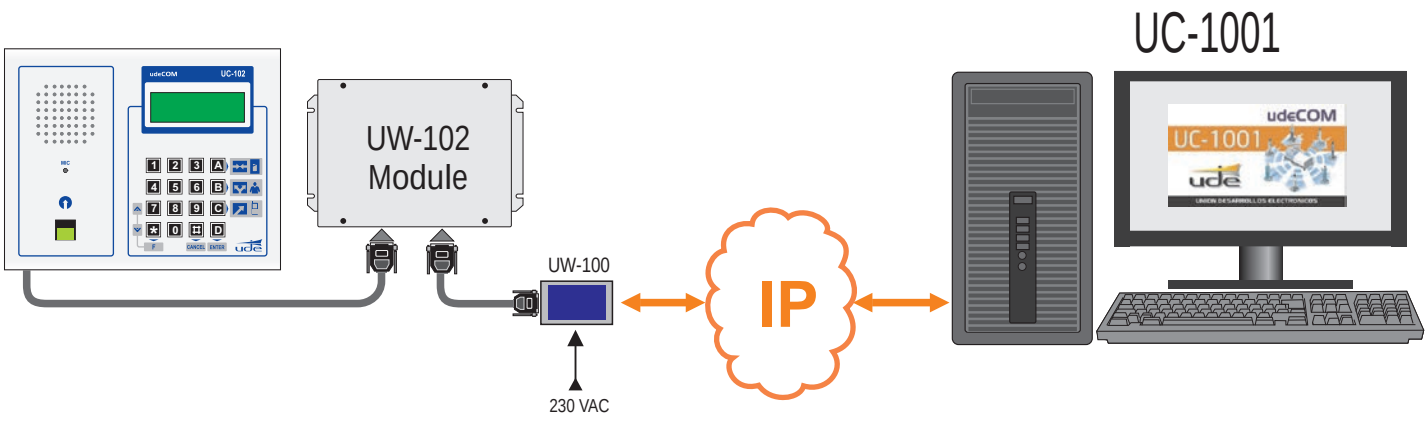
The connection must be done by a serial wire, between the connection module (UW-102) and the USB-to-serial converter (included with the UC-1001).



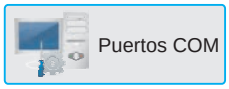
Caution!
The USB-to-serial converter can be installed in any USB port of the UC-1001.

Type 2: RS-232 serial device server

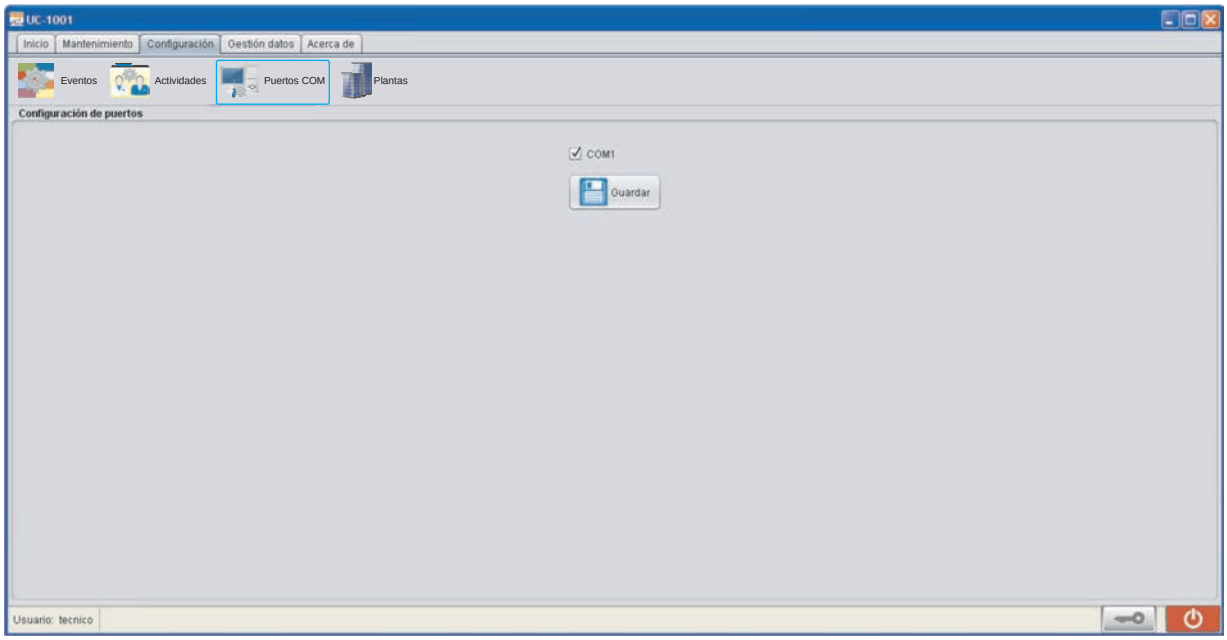
The UW-100 should be located close to a UW-102 connection module + UC-102 central station linked with a serial data wire. The server will parse serial data to a IP network and send it direct to one or more UC-1001 (for more information about connection and configuration consult UW-100 datasheet).



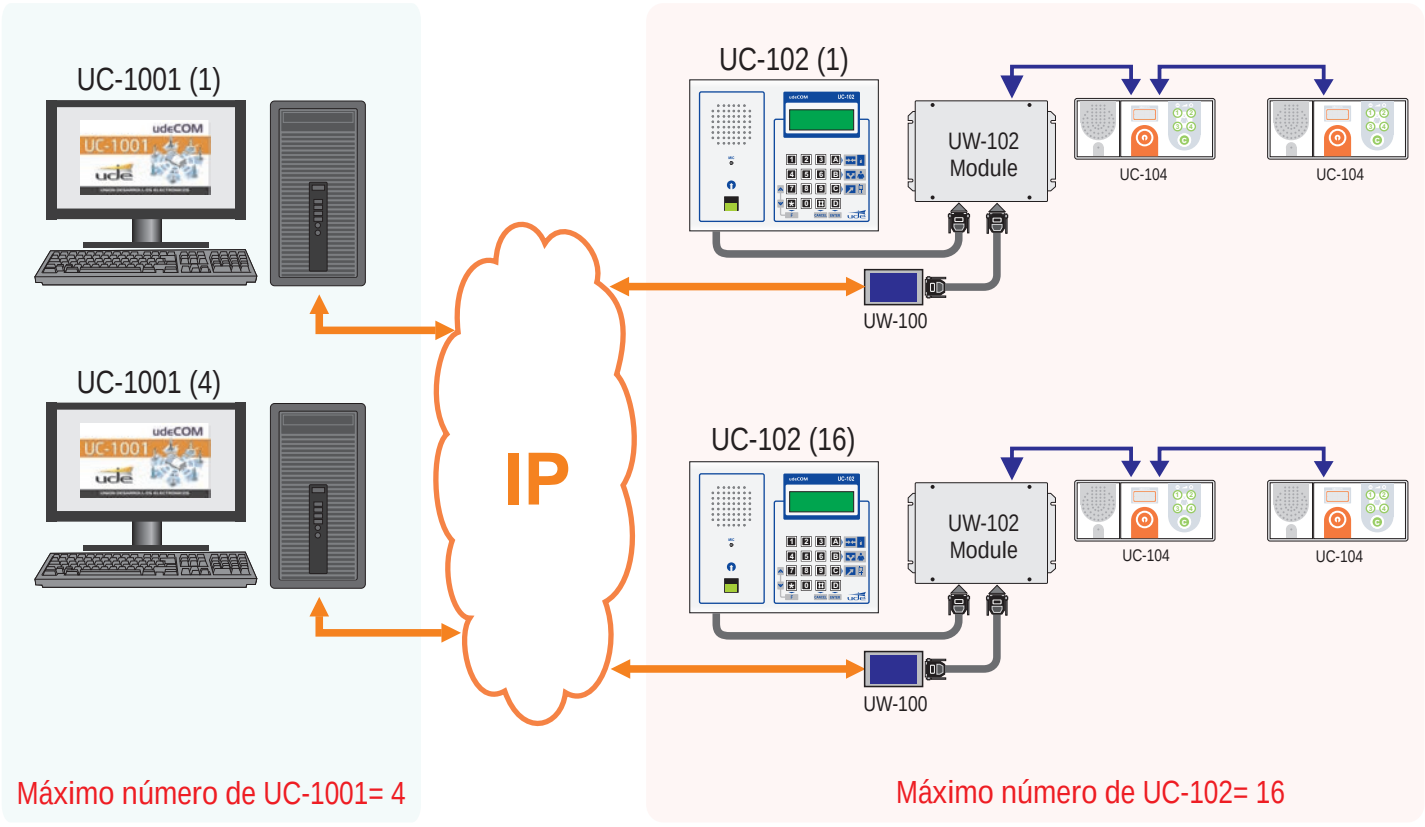
COM PORT CONFIGURATION

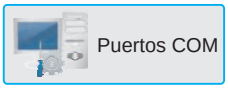


Once the Windows OS recognize the new Serial data equipments, UC-1001 will detect automatically the new COM port of the system and will show it in the interface, as is showed in the next figure:



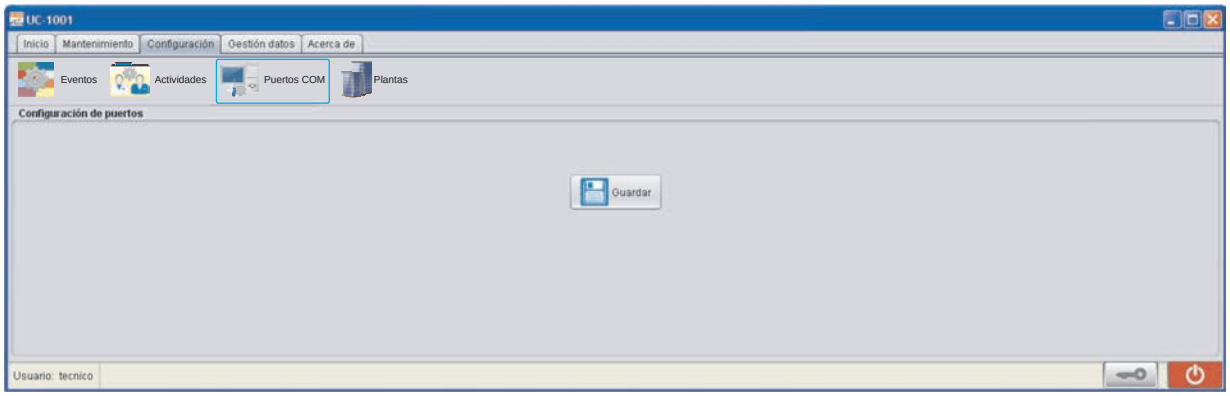
More than one COM port can be manage it at the same time, allowing the control of different UDECOM system with one UC-1001, by an intranet infrastructure.



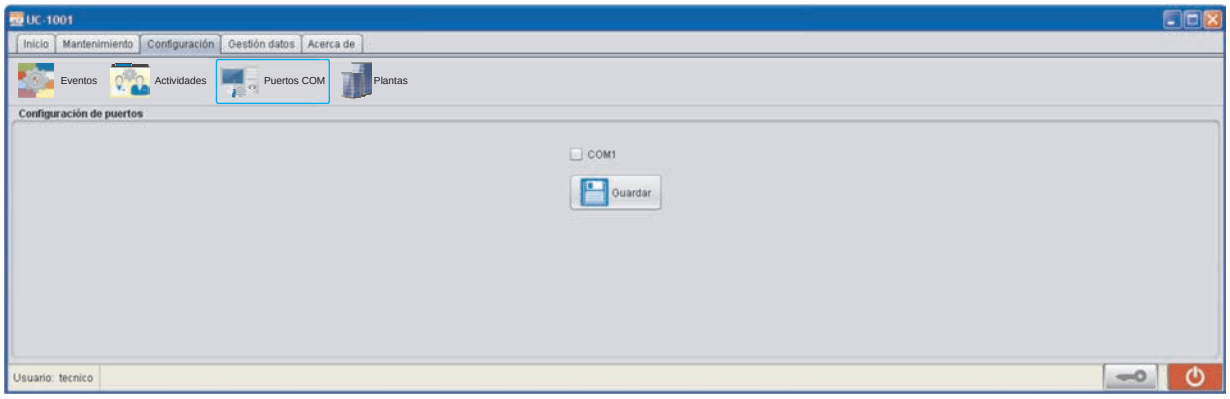


COM port edition

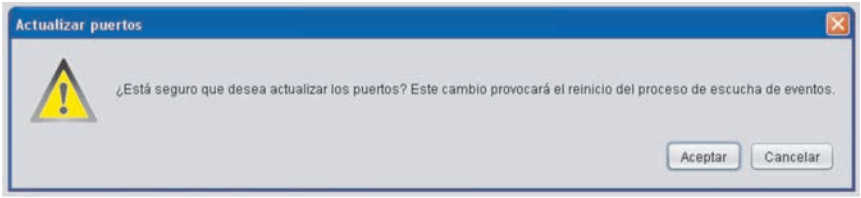
If Windows OS has not any COM port registered, the UC-1001 will show the next figure:

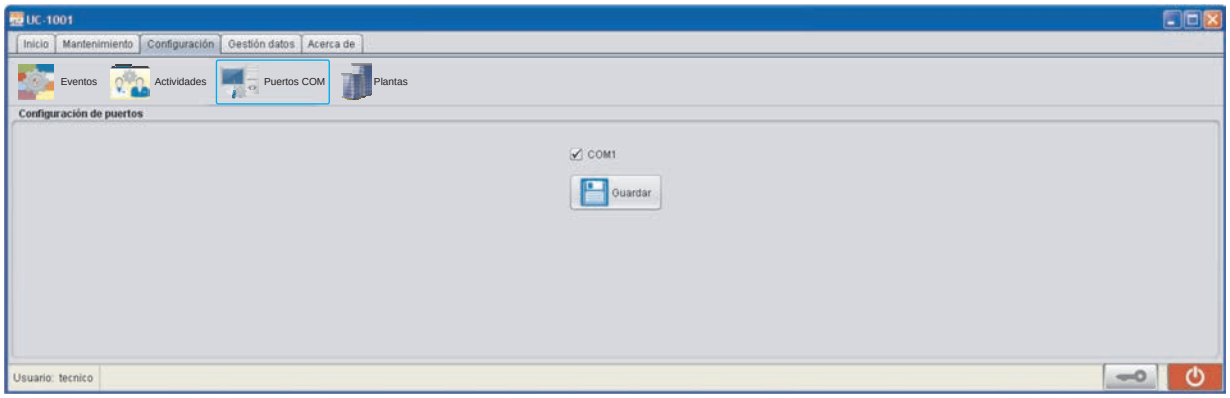


If Windows OS register one COM port it will be showed like:



When the desired port is selected a pop-up will appear.



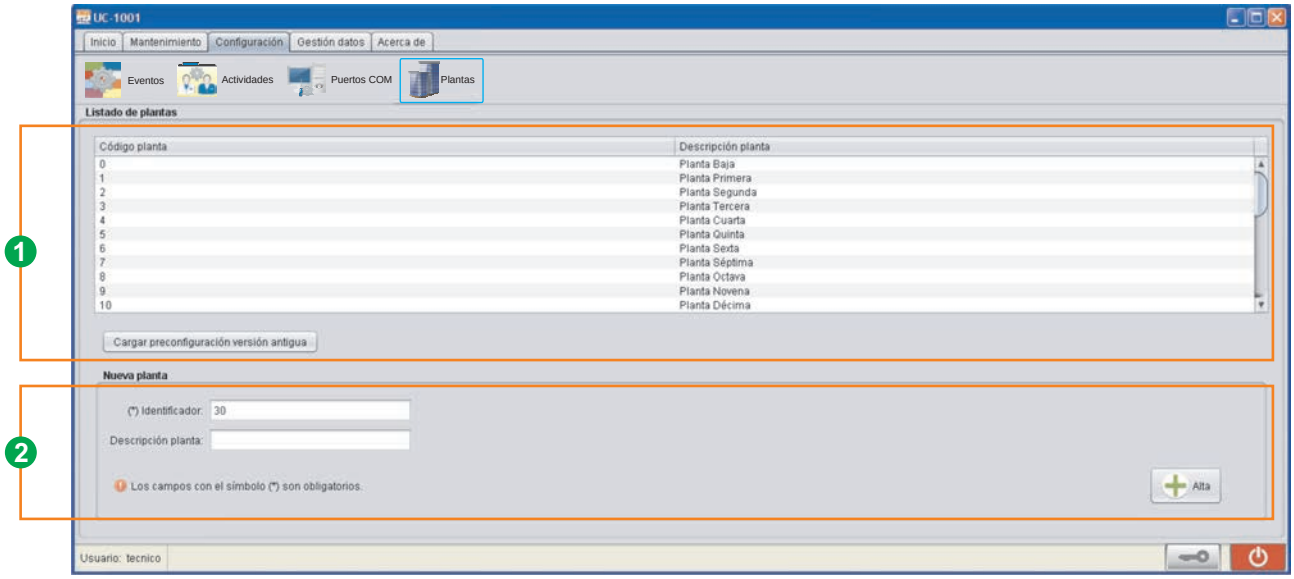


After all UC-1001 will work with selected ports and will show:

FLOOR CONFIGURATION

Plantas

The floor configuration window can manage the labels of the floors.



1 Floor list.

2 Floor's edition.

The data management (UC-1001) has 2 floor factory configurations, the equivalent between the old and new version is:

Floor	Old configuration	New configuration
0	Ground floor	Ground floor
1	First floor	First floor
2	Second floor	Second floor
3	Third floor	Third floor
4	Fourth floor	Fourth floor
5	Fifth floor	Fifth floor
6	Sixth floor	Sixth floor
7	Seventh floor	Seventh floor
8	Eighth floor	Eighth floor
9	Ninth floor	Ninth floor
10	Tenth floor	Ground floor A
11	Eleventh floor	First floor A
12	Twelfth floor	Second floor A
13	Thirteenth floor	Third floor A
14	Fourteenth floor	Fourth floor A
15	Fifteenth floor	Fifth floor A
16	Sixteenth floor	Sixth floor A
17	Seventeenth floor	Seventh floor A
18	Eighteenth floor	Eighth floor A
19	Nineteenth floor	Ninth floor A
20	Twentieth floor	Ground floor B
21	Twenty-first floor	First floor B
22	Twenty-second floor	Second floor B
23	Twenty-third floor	Third floor B
24	Twenty-fourth floor	Fourth floor B
25	Twenty-fifth floor	Fifth floor B
26	Twenty-sixth floor	Sixth floor B
27	Twenty-seventh floor	Seventh floor B
28	Twenty-eighth floor	Eighth floor B
29	Twenty-ninth floor	Ninth floor B

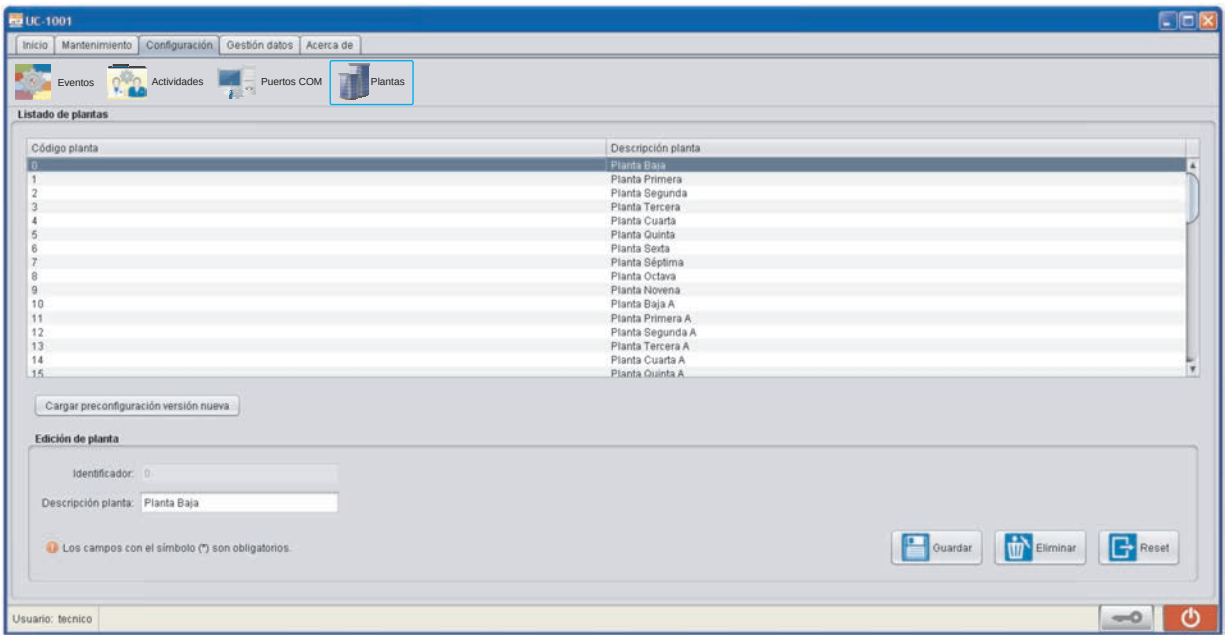
Floor	Old configuration	New configuration
30		Ground floor C
31		First floor C
32		Second floor C
33		Third floor C
34		Fourth floor C
35		Fifth floor C
36		Sixth floor C
37		Seventh floor C
38		Eighth floor C
39		Ninth floor C
40		Ground floor D
41		First floor D
42		Second floor D
43		Third floor D
44		Fourth floor D
45		Fifth floor D
46		Sixth floor D
47		Seventh floor D
48		Eighth floor D
49		Ninth floor D
50		Basement 1
51		Basement 2
52		Basement 3
53		Basement 4
54		Basement 5
55		Basement 6
56		Basement 7
57		Basement 8

Caution! It is possible to change between new to old versions before to make any other configuration.

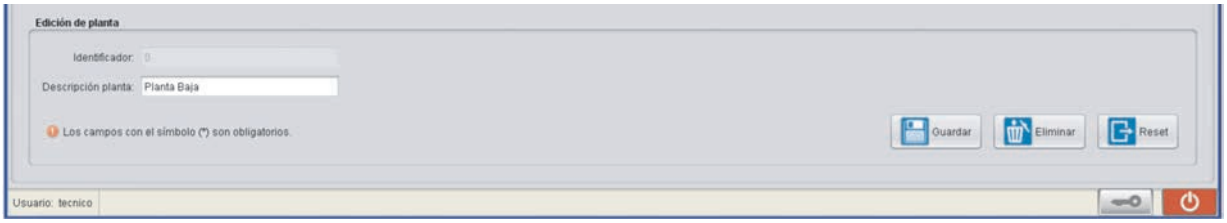


Floor edition

Select the floor by clicking on it in the floor list, as is showed in the next figure:



The floor configuration will be load for edition or delete process, as is showed in the next figure:



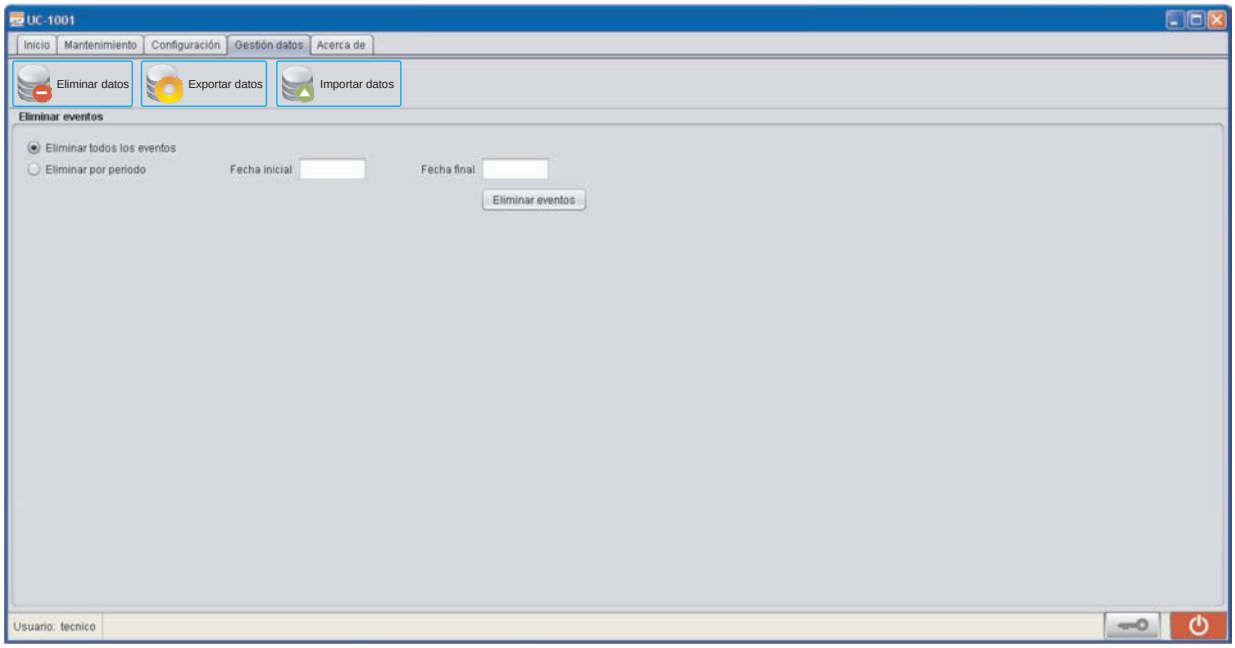
The fields can be edited, but required fields must be filled, save all changes clinking on "Save" icon.

To delete the medical record, click on "Delete" icon.

To leave the edition window, click on "Reset" button.



La pantalla de gestión de datos permite la eliminación, importación y exportación de los datos gestionados por el sistema UC-1001.





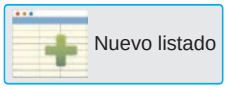
Delete data:
The delete data page will permanent delete all data base. Two options are available to descript which amount of data is desired to delete. First one is full erasing, and the second one is describing an initial date and final date.



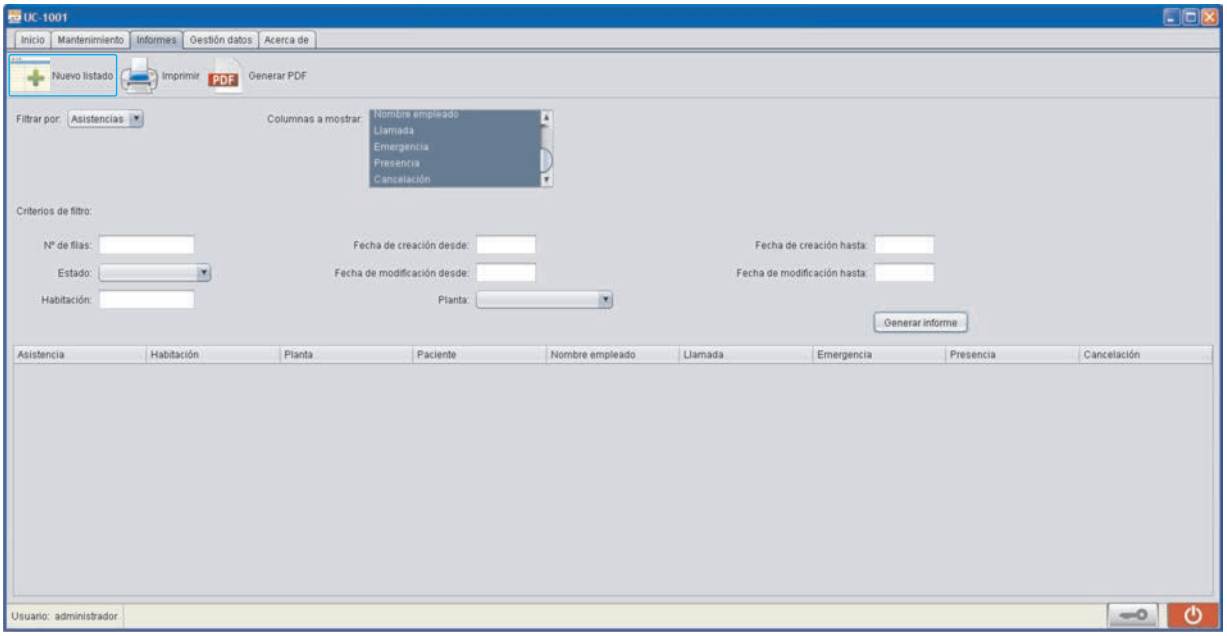
Export data:
The export data page will allow the selection of a folder where a full information file will be stored. All the data base information will be saved in this file.



Import data:
The import data page will allow the selection of a file, which contains information of a data base that wants to be installed in a new UC-1001.



Filter by medical assistance



The medical assistance page creates reports entering filter criteria's for all the events located in the data base.

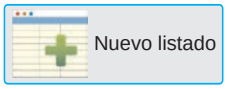
The filter options are:

Number of line
State
Room
Date of register from
Date of register until
Floor
Date of modification from
Date fo modification until

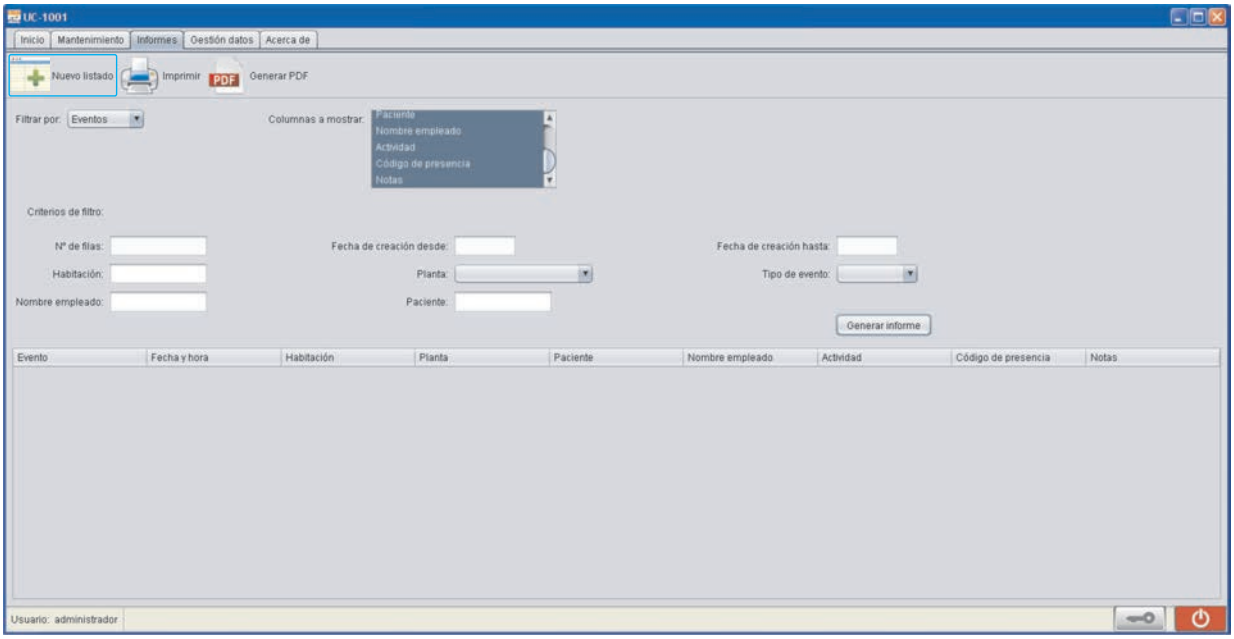
The report information can be configured with these parameters:

Assistance
Room
Floor
Patient
Professional name
Call
Emergency
Presence
Call cancellation

The report will show the activities accomplishing with the filter criteria, afterwards is possible to print it or create a PDF file with the results.



Filter by events



The events page creates reports entering filter criteria's for all the events located in the data base.

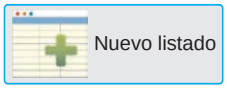
The filter options are:

Number of line
Room
Professional name
Date of register
Floor
Patient
Date of register until
Type of event

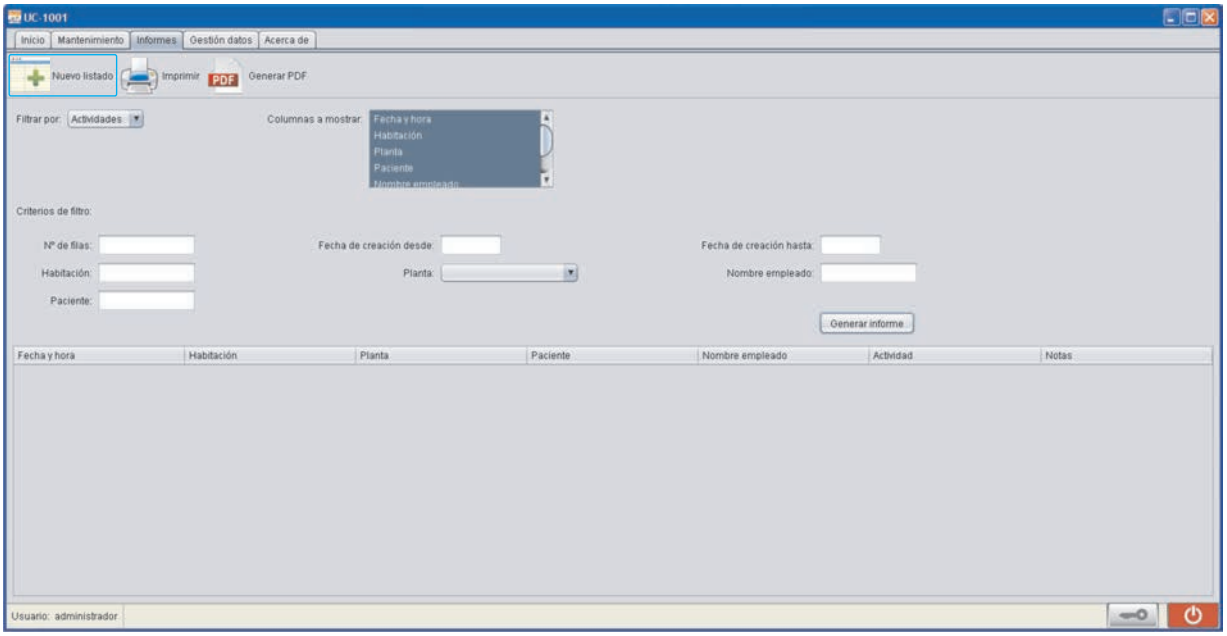
The report information can be configured with these parameters:

Event
Date and Time
Room
Floor
Patient
Professional name
Activity
Presence code
Room substation

The report will show the events accomplishing with the filter criteria, afterwards is possible to print it or create a PDF file with the results.



Filter by activity



The activity page creates reports entering filter criteria's for all the events located in the data base.

The filter options are:

Number of line
Room
Patient
Date of register from
Floor
Date of register until
Professional name

The report information can be configured with these parameters:

Date and time
Room
Floor
Patient
Professional name
Activity
Room substation

The report will show the events accomplishing with the filter criteria, afterwards is possible to print it or create a PDF file with the results.

Presence code (UC-104 room substation)

The person from the hospital staff that enters a room to attend a patient introduces a 4-digit code on the UC-104 room substation that will identify him/her in the system.

Code	Presence
1111	Doctor 1
1112	Doctor 2
1113	Doctor 3
1114	Doctor 4
1121	Doctor 5
1122	Doctor 6
1123	Doctor 7
1124	Doctor 8
1131	Doctor 9
1132	Doctor 10
1133	Doctor 11
1134	Doctor 12
1141	Doctor 13
1142	Doctor 14
1143	Doctor 15
1144	Doctor 16
1211	Doctor 17
1212	Doctor 18
1213	Doctor 19
1214	Doctor 20
1221	Nurse 1
1222	Nurse 2
1223	Nurse 3
1224	Nurse 4
1231	Nurse 5
1232	Nurse 6
1233	Nurse 7
1234	Nurse 8
1241	Nurse 9
1242	Nurse 10
1243	Nurse 11
1244	Nurse 12
1311	Nurse 13
1312	Nurse 14
1313	Nurse 15
1314	Nurse 16
1321	Nurse 17
1322	Nurse 18
1323	Nurse 19
1324	Nurse 20
1331	Nurse 21
1332	Nurse 22
1333	Nurse 23
1334	Nurse 24
1341	Nurse 25
1342	Nurse 26
1343	Nurse 27
1344	Nurse 28
1411	Nurse 29
1412	Nurse 30
1413	Nurse 31
1414	Nurse 32

Code	Presence
1421	Nurse 33
1422	Nurse 34
1423	Nurse 35
1424	Nurse 36
1431	Nurse 37
1432	Nurse 38
1433	Nurse 39
1434	Nurse 40
1441	Assistant Nurse 1
1442	Assistant Nurse 2
1443	Assistant Nurse 3
1444	Assistant Nurse 4
2111	Assistant Nurse 5
2112	Assistant Nurse 6
2113	Assistant Nurse 7
2114	Assistant Nurse 8
2121	Assistant Nurse 9
2122	Assistant Nurse 10
2123	Assistant Nurse 11
2124	Assistant Nurse 12
2131	Assistant Nurse 13
2132	Assistant Nurse 14
2133	Assistant Nurse 15
2134	Assistant Nurse 16
2141	Assistant Nurse 17
2142	Assistant Nurse 18
2143	Assistant Nurse 19
2144	Assistant Nurse 20
2211	Assistant Nurse 21
2212	Assistant Nurse 22
2213	Assistant Nurse 23
2214	Assistant Nurse 24
2221	Assistant Nurse 25
2222	Assistant Nurse 26
2223	Assistant Nurse 27
2224	Assistant Nurse 28
2231	Assistant Nurse 29
2232	Assistant Nurse 30
2233	Assistant Nurse 31
2234	Assistant Nurse 32
2241	Assistant Nurse 33
2242	Assistant Nurse 34
2243	Assistant Nurse 35
2244	Assistant Nurse 36
2311	Assistant Nurse 37
2312	Assistant Nurse 38
2313	Assistant Nurse 39
2314	Assistant Nurse 40
2321	Assistant Nurse 41
2322	Assistant Nurse 42
2323	Assistant Nurse 43
2324	Assistant Nurse 44

Code	Presence
2331	Assistant Nurse 45
2332	Assistant Nurse 46
2333	Assistant Nurse 47
2334	Assistant Nurse 48
2341	Assistant Nurse 49
2342	Assistant Nurse 50
2343	Assistant Nurse 51
2344	Assistant Nurse 52
2411	Assistant Nurse 53
2412	Assistant Nurse 54
2413	Assistant Nurse 55
2414	Assistant Nurse 56
2421	Assistant Nurse 57
2422	Assistant Nurse 58
2423	Assistant Nurse 59
2424	Assistant Nurse 60
2431	Assistant Nurse 61
2432	Assistant Nurse 62
2433	Assistant Nurse 63
2434	Assistant Nurse 64
2441	Assistant Nurse 65
2442	Assistant Nurse 66
2443	Assistant Nurse 67
2444	Assistant Nurse 68
3111	Assistant Nurse 69
3112	Assistant Nurse 70
3113	Assistant Nurse 71
3114	Assistant Nurse 72
3121	Assistant Nurse 73
3122	Assistant Nurse 74
3123	Assistant Nurse 75
3124	Assistant Nurse 76
3131	Assistant Nurse 77
3132	Assistant Nurse 78
3133	Assistant Nurse 79
3134	Assistant Nurse 80
3141	Assistant Nurse 81
3142	Assistant Nurse 82
3143	Assistant Nurse 83
3144	Assistant Nurse 84
3211	Assistant Nurse 85
3212	Assistant Nurse 86
3213	Assistant Nurse 87
3214	Assistant Nurse 88
3221	Assistant Nurse 89
3222	Assistant Nurse 90
3223	Assistant Nurse 91
3224	Assistant Nurse 92
3231	Assistant Nurse 93
3232	Assistant Nurse 94
3233	Assistant Nurse 95
3234	Assistant Nurse 96
3241	Assistant Nurse 97

Code	Presence
3242	Assistant Nurse 98
3243	Assistant Nurse 99
3244	Assistant Nurse 100
3311	Assistant Nurse 101
3312	Assistant Nurse 102
3313	Assistant Nurse 103
3314	Assistant Nurse 104
3321	Assistant Nurse 105
3322	Assistant Nurse 106
3323	Assistant Nurse 107
3324	Assistant Nurse 108
3331	Assistant Nurse 109
3332	Assistant Nurse 110
3333	Assistant Nurse 111
3334	Assistant Nurse 112
3341	Assistant Nurse 113
3342	Assistant Nurse 114
3343	Assistant Nurse 115
3344	Assistant Nurse 116
3411	Assistant Nurse 117
3412	Assistant Nurse 118
3413	Assistant Nurse 119
3414	Assistant Nurse 120
3421	Assistant Nurse 121
3422	Assistant Nurse 122
3423	Assistant Nurse 123
3424	Assistant Nurse 124
3431	Assistant Nurse 125
3432	Assistant Nurse 126
3433	Assistant Nurse 127
3434	Assistant Nurse 128
3441	Assistant Nurse 129
3442	Assistant Nurse 130
3443	Assistant Nurse 131
3444	Assistant Nurse 132
4111	Assistant Nurse 133
4112	Assistant Nurse 134
4113	Assistant Nurse 135
4114	Assistant Nurse 136
4121	Assistant Nurse 137
4122	Assistant Nurse 138
4123	Assistant Nurse 139
4124	Assistant Nurse 140
4131	Assistant Nurse 141
4132	Assistant Nurse 142
4133	Assistant Nurse 143
4134	Assistant Nurse 144
4141	Assistant Nurse 145
4142	Assistant Nurse 146
4143	Assistant Nurse 147
4144	Assistant Nurse 148
4211	Assistant Nurse 149
4212	Assistant Nurse 150

Code	Presence
4213	Assistant Nurse 151
4214	Assistant Nurse 152
4221	Assistant Nurse 153
4222	Assistant Nurse 154
4223	Assistant Nurse 155
4224	Assistant Nurse 156
4231	Assistant Nurse 157
4232	Assistant Nurse 158
4233	Assistant Nurse 159
4234	Assistant Nurse 160
4241	Assistant Nurse 161
4242	Assistant Nurse 162
4243	Assistant Nurse 163
4244	Assistant Nurse 164
4311	Assistant Nurse 165
4312	Assistant Nurse 166
4313	Assistant Nurse 167
4314	Assistant Nurse 168
4321	Assistant Nurse 169
4322	Assistant Nurse 170
4323	Physiotherapist 1
4324	Physiotherapist 2
4331	Physiotherapist 3
4332	Physiotherapist 4
4333	Physiotherapist 5
4334	Entertainment staff 1
4341	Entertainment staff 2
4342	Entertainment staff 3
4343	Entertainment staff 4
4344	Entertainment staff 5
4411	Maintenance staff 1
4412	Maintenance staff 2
4413	Maintenance staff 3
4414	Maintenance staff 4
4421	Maintenance staff 5
4422	Cleaning staff 1
4423	Cleaning staff 2
4424	Cleaning staff 3
4431	Cleaning staff 4
4432	Cleaning staff 5
4433	Cleaning staff 6
4434	Cleaning staff 7
4441	Assistant 1
4442	Assistant 2
4443	Assistant 3
4444	Assistant 4

Activity code

Once the presence code is entered on the UC-104 room substation, the staff can enter an additional 2-digit code (activity code), that identifies the activity carried out in the room.

Each of the following groups has 16 possible activities.

ACTIVITY CODES FOR DOCTORS		
Code UC-104	Code UC-1000	Activity
11	10	Emergency
12	11	Round
13	12	Admission
14	13	Doctor's activity 4
21	14	Doctor's activity 5
22	15	Doctor's activity 6
23	16	Doctor's activity 7
24	17	Doctor's activity 8
31	18	Doctor's activity 9
32	19	Doctor's activity 10
33	20	Doctor's activity 11
34	21	Doctor's activity 12
41	22	Doctor's activity 13
42	23	Doctor's activity 14
43	24	Doctor's activity 15
44	25	Doctor's activity 16

ACTIVITY CODES FOR ASSISTANT NURSE		
Code UC-104	Code UC-1000	Activity
11	42	Bathroom emergency
12	43	Room emergency
13	44	Shower
14	45	Round
21	46	Diaper change
22	47	Position change
23	48	Medication
24	49	Bed Pan
31	50	Moisturizing hygiene
32	51	Hydration
33	52	Breakfast
34	53	Lunch
41	54	Afternoon snack
42	55	Dinner
43	56	After dinner
44	57	Change of sheets

ACTIVITY CODES FOR ASSISTANT NURSE		
Code UC-104	Code UC-1000	Activity
11	26	Emergency
12	27	Bathroom fall
13	28	Room fall
14	29	Caring for injuries
21	30	Breakfast medication
22	31	Lunch medication
23	32	Dinner medication
24	33	Extra medication
31	34	Vital signs
32	35	Nurse activity 10
33	36	Nurse activity 11
34	37	Nurse activity 12
41	38	Nurse activity 13
42	39	Nurse activity 14
43	40	Nurse activity 15
44	41	Nurse activity 16

ACTIVITY CODES FOR PHYSIOTHERAPIST		
Code UC-104	Code UC-1000	Activity
11	58	Passive mobility
12	59	Active mobility
13	60	Massage
14	61	Physiotherapy breathing
21	62	Physiotherapy activity 5
22	63	Physiotherapy activity 6
23	64	Physiotherapy activity 7
24	65	Physiotherapy activity 8
31	66	Physiotherapy activity 9
32	67	Physiotherapy activity 10
33	68	Physiotherapy activity 11
34	69	Physiotherapy activity 12
41	70	Physiotherapy activity 13
42	71	Physiotherapy activity 14
43	72	Physiotherapy activity 15
44	73	Physiotherapy activity 16

ACTIVITY CODES

Activity code

ACTIVITY CODES FOR ENTERTAINMENT		
Code UC-104	Code UC-1000	Activity
11	74	Entertainment activity 1
12	75	Entertainment activity 2
13	76	Entertainment activity 3
14	77	Entertainment activity 4
21	78	Entertainment activity 5
22	79	Entertainment activity 6
23	80	Entertainment activity 7
24	81	Entertainment activity 8
31	82	Entertainment activity 9
32	83	Entertainment activity 10
33	84	Entertainment activity 11
34	85	Entertainment activity 12
41	86	Entertainment activity 13
42	87	Entertainment activity 14
43	88	Entertainment activity 15
44	89	Entertainment activity 16

ACTIVITY CODES FOR CLEANING		
Code UC-104	Code UC-1000	Activity
11	106	Urgent cleaning
12	107	Room cleaning
13	108	Bathroom full cleanig
14	109	Room full cleanig
21	110	Clothes checking
22	111	Clothes collecting
23	112	Glasses cleaning
24	113	Cleaning activity 8
31	114	Cleaning activity 9
32	115	Cleaning activity 10
33	116	Cleaning activity 11
34	117	Cleaning activity 12
41	118	Cleaning activity 13
42	119	Cleaning activity 14
43	120	Cleaning activity 15
44	121	Cleaning activity 16

ACTIVITY CODES FOR MAINTENANCE		
Code UC-104	Code UC-1000	Activity
11	90	Water breakdown
12	91	Light fault
13	92	Lock damage
14	93	Paint
21	94	Furniture
22	95	Technical assistance
23	96	Legionellosis
24	97	Maintenance activity 8
31	98	Maintenance activity 9
32	99	Maintenance activity 10
33	100	Maintenance activity 11
34	101	Maintenance activity 12
41	102	Maintenance activity 13
42	103	Maintenance activity 14
43	104	Maintenance activity 15
44	105	Maintenance activity 16

ACTIVITY CODES FOR ASSISTANT		
Code UC-104	Code UC-1000	Activity
11	122	Assistant activity 1
12	123	Assistant activity 2
13	124	Assistant activity 3
14	125	Assistant activity 4
21	126	Assistant activity 5
22	127	Assistant activity 6
23	128	Auxiliary activity 7
24	129	Assistant activity 8
31	130	Assistant activity 9
32	131	Assistant activity 10
33	132	Assistant activity 11
34	133	Assistant activity 12
41	134	Assistant activity 13
42	135	Assistant activity 14
43	136	Assistant activity 15
44	137	Assistant activity 16

EXCLUSIVE SYSTEM NUMBERS

Numbers and labels room substations

Numbers for UC-104 room substations

An identification number will be assigned to every UC-104 room substation in the system. The numbers range is from 1 to 65000.

Labels for UC-104 room substations

Numbers from 65002 to 65147 are reserved for other locations apart from the hospital bedrooms, such as those indicated on the following table:

UC-104 Room substation number	UC-102 display's message
65002 - 65010	Cafeteria 1 - 9
65011 - 65019	Hairdresser 1 - 9
65020 - 65028	Gym 1 - 9
65029 - 65037	Kitchen 1 - 9
65038 - 65046	Medicine cabinet 1 - 9
65047 - 65055	Room 1 - 9
65056 - 65064	Dinner room 1 - 9
65065 - 65073	Doctor´s room 1 - 9
65074 - 65082	Nurse´s room 1 - 9
65083 - 65102	Geriatric bathroom 1 - 20
65103 - 65111	Laundry 1 - 9
65112 - 65120	Morgue 1 - 9
65121 - 65129	Maintenance
65130 - 65138	Office
65139 - 65147	Drugstore