

Onall User Interface Manual Version: 3.1.2

August 2013 www.oncaring.com



We hope that onAll platform will be a useful tool that will allow you to offer a better and differentiated care to your customers.

If you find things that would like to see improved in the product or if you have any suggestions or comments, please report them to the manager of the system or report them through the web application.

This document version applies to the Release 3.1.2 of the onAll product.

Table of Contents:

Introduction	. 4
Basic Concepts	. 4
What is onAll?	4
How does onAll works?	5
Users	5
	~
Events and Alarms	
Alarm Displays	6
Caregiver Devices	0
Screen Displays	1
Siron	1
Sileii	1
Alarm Drighting	1
Aldrin Filonities	o 8
Alarm Propagation	10
Alarm Resolution	11
Platform	14
Caregiver profile	.14
Alarms Management Page	15
Clients Management Page	.17
Sensors Management Page	.22
Administrator profile	.24
Clients Management Page	.24
Alarms Management Page	.26
Sensors Management Page	.26
Professionals Management Page	28
Devices	30
Wrist Device/Bracelet	.30
Alarms	.31
Cleaning and Maintenance of the Device	.31
Belt Clip	32
Alarms	.33
Cleaning and Maintenance of the Device	.34
Caregiver Device	34
Receive Alarms on the Caregiver Device	35
Resolve Alarms with the Caregiver Device	.36
Suspend alarms with the Caregiver Device	37
Request help to other caregivers	37
Cleaning and Maintenance of the Device	.38

Introduction

The following diagram describes the flow of information and interaction between the main elements of the system.



Basic Concepts

What is onAll?

onAll is a system for monitoring senior people in assisted living units and long term care institutions.

Customers are monitored through a wireless sensor, which detects, automatically, events (like falls or abnormal heart rate readings) and locates the customers inside the facility.

These sensors also have a button that allows the customer to, voluntarily, request help to a caregiver anywhere inside the building, thus eliminating one of the major drawbacks of the fixed alarms systems.

The sensors generate alarms whenever certain events occurs, such as when the customer falls, leaves the area where he should be (or enters a restricted area), when the values of heart rate are abnormal or simply when a customer requests the help of a caregiver. In any of these situations onAll notifies the more appropriated caregiver.

How does onAll works?

Whenever the sensor being used by a customer detects an event, it issues an alarm to the onAll platform that is automatically propagated to the devices of the appropriated caregivers.

Simultaneously, the same alarms can become visible on the screens installed in the institutions (if any since this is an optional part of the onAll system). In these screens it can also be displayed information about who needs help and what kind of alarm is about.

The caregiver can then assist the client and turn off the alarm by pressing the button on his device. Later he can use the web application to register information about the event and about his actions.



Users

Follows the description of the intervenient people in the onAll system:

Administrator	Manages without interms of coverall cor	Manages the system from a back-office perspective, i.e., without intervening on the daily operation of the institution in terms of customer care. He is responsible for the system's overall configurations.					
Caregiver	Person res customer dispatchec there are t	sponsible for providing the necessary care to the thus will be the person to whom the alarms are I for proper verification and resolution. Usually wo levels of caregivers in an institution:					
	Nurse	A higher level of hierarchy; will only receive the higher priority alarms.					
	Auxiliary	Considered as the first line of customer assistance, will receive all types of alarms.					
Customer	Elderly pe needs to l service ca	rson in the institution (also called Resident) that be monitored for some risk factors that the onAll n help to manage.					

Events and Alarms

Events that are raised from the senior devices are communicated to the onAll system and can trigger different actions based on the preconfigured workflow. Very commonly, the words event and alarm are used to mean the same thing, although when we talk about high priority or emergency situations, we should use the word alarm.

The onAll system can be configured to process different types of events, such as button call to request help, automatic fall detection, devices being out of range or with low battery levels.

It can also act differently depending on the location of the devices; for example, an alarm can be sent only to the caregiver that is closer to the location where the alarm was triggered, and it can also escalate to other caregivers if the situation is not resolved within a defined amount of time.

There is also a third component for the alarm handling workflow definition, which is to consider different hierarchy levels of care providers, for example, auxiliaries and nurses; and alarms can be raised in different levels depending on the severity of the situation. For example out-of-range events can be sent only to auxiliaries and then escalated to nurses if the situation is not resolved within a certain amount of time; and fall events can be sent immediately to all hierarchy levels of care providers.

Alarm Displays

The events can be presented to the caregivers in various forms and on various platforms. A redundancy mechanism can ensure a greater likelihood for important events to be recognized and resolved in a timely manner.

In the case that an event is an emergency situation that requires fast assistance of a care provider, the caregiver device notifies the care professional providing a warning alarm with sound and light with a text message displaying the senior that needs help and the type of event that occurred are identified.

Lower priority events can be displayed only in the web platform to be addressed with a longer reaction time.

Caregiver Devices



The caregiver devices are portable and wireless sensors that accompany professionals and notify, through sound and light, about the existing alarms. They have a screen display that identifies the customer, the type of alarm and the location where it happened. They can also be used to resolve or silence active alarms.

Screen Displays



The screens are located on the wall, ceiling or other places with high visibility. They present, with great emphasis, the customer's alarms and can show some information like the type of alarm and the customer's bed number.

This is optional to the onAll operation; institutions can choose not to have screen displays to avoid alarming their customers.

Web Application



The web application is only accessible to nurses and administrators. It shows the active alerts, both customers and system's alarms. Through the application one can act on the alerts, including resolve some of them, silence them or manage their documentation.

Siren



Whenever an alarm occurs it can be signalled to the caregivers through a light and/or a siren. This mechanism does not allow identifying different types of alarms nor the customer that triggered it, but it is very efficient to make an emergency situation be noticed to all the caregivers. It is also an optional part of the onAll platform. Currently it is only used for location alarms.

Alarm Categories

There are 3 categories of events/alarms:

- Customer Events associated with a customer requiring attention from a caregiver. Can be shown in the caregiver devices, on the wall screens and on the application web. On the screens and the web application alarms are coded with colour green or orange depending on their level of priority.
- Caregiver Alarms that relate to the caregiver operation. An example is the request for the assistance from one caregiver to the others.
- **System** Alarms that relate to the system hardware or to the caregivers. Only appear in web application and are represented grey at the top of the page of the existing alarms.

Alarm Priorities

There are two priority levels for the customer alarms, represented with different colours on the wall screens and/or web application:



Low priority

Events that require the attention of a caregiver but should only be addressed after the high priority are resolved.

Typically, the low priority alarms are dispatched to the auxiliaries but then can escalate according to the description done on "Alarm Propagation" section.

High Priority

Reserved for urgent events, these alarms require the immediate attention of a caregiver and have precedence over the low priority alarms.

Both nurses and auxiliaries caregivers receive this type of alarms.

Alarm Types

Follows a reference to the meaning of the possible alarms. The colour indicates the level of priority.

Fall

Customer's device detected a fall.

Some devices are able to detect the movement patterns of a fall.

When the system detects a movement with high probability to have resulted in a fall, an alarm is generated with high priority. Caregivers, both nurses and auxiliaries, are notified of the occurrence and may resolve the alarm through their devices.

The sensitivity of the fall detection method can be set, individually for each customer, by editing the client data file on the web platform where the risk of falling can be configured (see "Edit customer data"). If the risk of falling is indicated as high, the system will be more sensitive, but it could generate some false alarms for active customers, so it is important choose the appropriate value for the risk according to the status of each customer.

Location

Customer left the authorized area.



Every time a customer gets away from an authorized location and enters a forbidden area, the system submits a high priority alarm identifying the location left.

Caregivers that are present in both the left location and the joined area receive this alarm.



Button

Customer pressed the button of his device.

If the button on the customer device is pressed, the system submits an alarm in the screen nearer (if any) and simultaneously the caregivers (auxiliaries) present in the same location where the alarm was activated will be notified through their caregiver device.

Battery Low

Customer's device has low battery level.

When the battery of a customer device reaches a battery level considered poor, the system creates an alarm with low priority and it is sent to auxiliary caregivers.

This alarm can only be resolved by connecting the device to the charger.

Depleted Battery

Customer's device runs out of battery.



»)))

The instance right before the battery of a device runs out, the system creates an alarm with high priority and it is sent to all caregivers of that location.

This alarm can only be resolved by connecting the device to the charger.

Heart rate outside the range

Customer's device detected a heart rate value outside of the predefined range.

If the customer device allows the reading of the heart rate, the system will submit a high priority alarm whenever it detects a value of rate heart outside the range defined in page of customer date. It is pageible to change the



the range defined in page of customer data. It is possible to change the interval of heart rate rhythm considered normal for each customer though the web platform.

onAll should not be used in order to obtain a diagnosis or prescription based on the values of signals vital collected by the system. It is recommended that alarms regarding vital signs are always confirmed using medical devices.

No heart rate readings

Customer's device is not detecting heartbeat.

If the customer device allows the reading of the heart rate, the onAll system will generate a high priority alarm of no heart beat activity is detect during a predefined time interval.

Caregivers should always ensure that the heartbeat sensors are correctly placed, ensuring continuing contact with the skin of the customer.

Unlock device

Customer's device is not being used correctly.

If the customer device has a mechanism to detect if it is being used or not by the customer, for example two springs holding the device are not closed, the system is able to submit an alarm to the caregivers to let them know that the device must be placed.

No signal

Device lost connection to the system.

((?)) This situation happens if the customer with the devices goes into an area that has not Wi-Fi coverage, so it cannot communicate with the onAll platform. A customer in this situation is not being monitored.



Fixed Button

Customer pressed the fixed button in his room.

ine Inenna The existing fixed call button system that is available in the institution can be integrated with the onAll system, so that the caregivers are notified the same way as they are for the onAll alarms. This type of alarm cannot be resolved through the caregiver device nor the web application.



Caregiver Absence

There are customers in a location where there is no caregiver present. This alarm appears in the web application to alert to the fact that there are no caregivers to receive the alarms in a specific area.



Escort taking too long

Indication that the alarms are suspended longer than the default preconfigured time.



Fall Prevention – Get up from bed Customer got up from the bed.



Fall Prevention – Get up from chair Customer got up from a chair.



Fall Prevention – Start walking Customer started walking.

Alarm Propagation

Low priority alarms are updated to high priority if after a determined period of time they have not been resolved.

If these alarms are still active after the configured period of time they are then propagated in terms of location so that the caregivers of the other locations are also notified and can assist the situation.

If the alarm is still not handled by any of the caregivers, the administrator users can receive an sms message alerting to the unresolved alarm. This situation depends on the system being configured to allow sending sms and the administrator user having the mobile number defined and the option "Receive alerts via mobile phone" being enabled.

These periods of time values are predefined, and can be changed by the system administrator.

Low Priority Auxiliaries in the wing where the alarm happened are notified. $\overset{\circ}{(-)} \rightarrow \overset{\circ}{(-)} \rightarrow \overset{\circ}$ x minutes of inactivity

Priority upgraded to High All caregivers in the wing where the alarm happened are notified.

x minutes of inactivity

Propagated to entire floor All caregivers in the floor where the alarm happened are notified.

x minutes of inactivity

Propagated to all locations All caregivers from all locations (entire facility) are notified

x minutes of inactivity

Propagated to Administrator Email to the administrator (if configured)

Alarm Resolution

Alarms can have different resolutions according to their nature:

	ALARM	RESOLUTION
1 st	Fall Customer's device detected a fall.	Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section
U.	Location Customer left the authorized area.	Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section
ə)))	Button Customer pressed the button of his device.	Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section

	 Battery Low Customer's device has low battery level. 	The alarm is automatically resolved when the device connected to the charger.
	Depleted Battery Customer's device ran out of battery.	The alarm is automatically resolved when the device connected to the charger.
C	 Heart rate outside the range Customer's device detected a heart rate value outside of the predefined range. 	Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section
	No heart rate readings Customer's device is not detecting heartbeat.	The alarm is automatically resolved when the device is correctly put into contact with the customer skin and starts receiving heart rate readings.
. D	Customer's device is not being used correctly.	The alarm is automatically resolved when the device is properly locked.
(0 ?	No signal Device lost connection to the system.	The alarm is automatically resolved when the customer with the device returns to a location with Wi-Fi coverage.
K.	Fixed Button Customer pressed the fixed button in his room.	The alarm cannot be resolved through onAll but only using the fixed call button system.
	Caregiver Absence There are customers in a location where there is no caregiver present.	The alarm is automatically resolved when a caregiver enters the location.
ŝ	 Escort taking too long Indication that the alarms are suspended longer than the default. 	The system alarm is automatically resolved when the customer returns from escorting mode.
È	Fall Prevention – Get up from bed Customer got up from the bed.	Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section
ر ب	Fall Prevention – Get up from chair Customer got up from a chair.	Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section



Fall Prevention – Start walking Customer started walking. Through the caregiver device: see Resolve Alarms with the Caregiver Device section Through the web application: see Manage alarms on the application section

Platform

The web platform is very easy and intuitive to use and it is accessible via an Internet browser (Chrome, Firefox or Safari). The url to access it must be provided by the system administrator.

The application allows the identification and resolution of alarms, their documentation (to add further information about the event, for instance the description of the situation and the actions that were taken to resolve it) and the analysis of the evolution of the parameters collected by sensors from customers and passing of information between caregivers. It also allows the configuration the items related to caregivers, customers and the sensors in the system.

There are two distinctive profiles to access the platform: Caregiver (**only Nurse type**) and Administrator. According to the user profile the actions that can be performed are different.

Username Password Login			
Username Password Login	WE	elcome to on all	
	Username	Password	Login

The login page has the following aspect:

Caregiver profile

Once a caregiver user logs into the platform, there is an overall navigation menu that offers 3 choices.

The navigation menu is available on all pages and allows the user to move between the main areas of application. The menu is typically retracted on the left margin of the screen. To open the menu and access the options, click on the right arrow (1) and to collapsing the control back to the side click the left arrow (2).



When choosing a menu option the user will be sent to the corresponding area of the application:

- Alarms Sends the user to the Alarms Management page.
- Clients Sends the user to the Clients Management page.
- Sensors Sends the user to the Sensors Management page.

Alarms Management Page

This page is dedicated to view and manage the active alarms via web application.

In this page the user can:

- Resolve alarms;
- View the list of active customer and system events;
- · Filter active events by its origin location;
- Silence and temporarily suspend customer alarms;
- Open a form with the information of the customer that has an alarm occurring.

	Ψ
<i>y</i>	
(()?)))
Ð	>
	(((?) -CI =C

1 – **Filter** - Allows the user to filter the alerts by the origin location.

2 – **List of system events** - Displays all active system events, according to the filtering criteria. The list is normally retracted and the user needs to click on it to open it.

3 - List of customer active alarms - Displays all active customer alarms, according to the filtering criteria and order by priority. When the user clicks on an alarm appears the actions that he can perform on it.

Manage alarms on the application

To handle an alert, the user must click on it to open the action toolbar exposing the buttons with the available options that can be performed on the alarm. If the user clicks again on an alarm with the open action bar, it will be closed. The action bar is open only for one alarm at a time, so if the user clicks on another active alarm the previous action bar is closed.

Depending on the type of alarm and the user profile, the option that are available can be:

- open the data file of the associated customer,
- · temporarily suspend the alarms for that customer,
- mute, resolve or document the alarm



1 – Alarm type

- 2 Customer identification name of the customer, additional relevant information and the location where the alarm was triggered.
- 3 Customer's bed/room number
- **4 Symbol of the alarm type** in a big size for better view
- **5** Action toolbar with options:

5.1 – Open customer's data file

5.2 – **Temporarily suspend the alarms for a customer** - marks the customer, to whom the alarm refers, in escort mode suspending the creation of new alarms for that person until they are resumed. The user is asked to insert a comment or select a prefilled one to justify the suspension of alarms for that customer. Note that current existing alarms will remain as active until they are resolved. Only users with the profile Nurse can suspend alarms for a customer.

5.3 – **Silence the alarm** - leaves the alarm active in the system but it does not notify caregivers. The user is asked to insert a comment explaining the reason for silencing the alarm.

5.4 – **Resolve the alarm** - removes the alarm from the list and marks it as handled. Only some alarm types can be resolved in the application because they do not require ensuring that the caregiver is near the customer. Once the Resolve action is selected, the user must insert a comment or select on of the prefilled options available.

5.5 – **Document the alarm** - allows inserting comments about the alarm, and does not remove it from the list.

Clients Management Page

This page is dedicated to view and manage customers via web application. In this page the user can:

- View and edit customer data
- Assign devices

Angela Ribei	ro							N	lurse Enfermeiro 1	18:55	14 O L
All clients *											
											_
Angela Ribeiro	1947		Bed 23 Proc 21W	no A Room 23							
Profiler Independent			Samacr M	18:8+40:3+13							
Fall risk: Medium			State: Ava	liable							
Alarms: ON			Battery: C	harging							
										-	(
(Edit client file) Sensor (Assign (Unassign)	Aams: (Suspend)	(Hesume) (St	how map						Open c	lient file
Edit client file Service (Assign Unassign	Aame: Suspend	(Assessed (B)	tow map						Open o	tent file
Client	• Bed •	Aams: (Suspend) Profile	•	Sensor	• State		Battery		Fall risk	(Open c	Alarmse
Client Filter by Name	Bed Bed.	Aama: (Suspend) Profile	•	Sensor	• State		Battery	0	Fall risk	0 pen o	Alarms e
Client Filter by Name Angela Ribeiro	Bed e	Aams: (Buspend) Profile Independent	•	Sensor 00:18:8e:40:3a:13	e State		Battery Charging	•	Fall risk Medium	0 per c	Alarms e
Client Filter by Name Angela Ribeiro Rocha.	Bed e Bed. Bed. 23 31	Aarma: (Buspend) Profile Independent Independent	(Instruction) (20 (1) (1)	Sensor 00:18:8e:40:3a:13 None	State Active Available		Battery Charging N/A	8	Fall risk Medum	•	Alarms e ON N/A
Client Filter by Name Angula Ribairo Rocha. Novais.	Bed Bed Bed Sed 23 31 102	Profile Profile Independent Independent Independent	•	Sensor 00.188e403a13 None None	State Active Available Available		Battery Charging N/A N/A	8	Fall risk Medium N/A N/A	() ()	Alarms e ON N/A N/A
Client Filter by Name Angela Ribeiro Rocha. Novais. Mário Ramos	Bed Bed <td>Arm: (Buspend) Profile Independent Independent Independent Independent</td> <td>•</td> <td>Sensor 00:18:8e:40:3a:13 None None None</td> <td>State Active Available Available Available</td> <td>8</td> <td>Battery Charging N/A N/A N/A</td> <td>8</td> <td>Fall risk Medium N/A N/A N/A</td> <td>(Open c</td> <td>Afarms e</td>	Arm: (Buspend) Profile Independent Independent Independent Independent	•	Sensor 00:18:8e:40:3a:13 None None None	State Active Available Available Available	8	Battery Charging N/A N/A N/A	8	Fall risk Medium N/A N/A N/A	(Open c	Afarms e
Client Filter by Name Angela Ribeiro Rocha. Novala. Mário Ramos Maria Teresa	Bed Bed	Aere: Buspend Profile Independent Independent Independent Independent Independent	8 (1)	Sensor 00:18:8e:40:3a:13 None None 00:18:8e:40:19:55	State Active Arclude Arclude Arclude Arclude Arclude Arclude Arclude Arclude	8	Battery Charging N/A N/A N/A 0%	8	Fall risk Medum N/A N/A N/A N/A N/A N/A		Alarms e ON N/A N/A N/A ON
Client Filter by Name Angela Ribeiro Rocha, Novais . Maria Teresa Maria Teresa Maria Aparecida	Bed Bed Bed Bed Bed Bed Bed Bed 102 38 105 17	Profile Profile Independent Independent Independent Independent Independent Independent Independent Independent	() () () () () () () () () () () () () (Sensor 00:18:8e40:3a13 None None 00:18:8e40:18:76 00:18:8e40:18:76	State Active Available Available Available Active Active Active		Battery Charging N/A N/A N/A 0% 55%		Fall risk Medum N/A N/A N/A Medum Medum	* (1)	Alarms Alarms
Citient Fifter by Name Angela Ribeiro Rocha, Novais . Maria Remos Maria Teresa Maria Aparecida Luzia Anaujo	Bed Bed Bed Bed Bed Bed Bed 102 38 105 17 101	Profile Profile Independent In	* (1)	Sensor 00188e403a13 None None 00188e401956 00188e401956	State Active Available Available Available Active Active Active Active		Battery Charging N/A N/A N/A 016 55% Charging		Fall risk Medum N/A N/A N/A Medum Medum Medum	•	Alarms e ON N/A N/A N/A ON ON ON ON
Client Filer by Name Angela Ribeiro Rocha. Novais . Mario Remos Maria Teresa Maria Acenocida Luzia Aceujo Jobo Selvador	Bed Bed Bed Bed Bed Bed Bed 102 38 105 17 101 7	Profile Profile Independent In	() () () () () () () () () () () () () (Sensor 00188e403a13 None None 00188e401956 00188e401956 00188e401956 00188e403937	State Active Acatabia Availabia Availabia Availabia Active Active Active Active Active		Battery Charging N/A N/A N/A 0% 55% Charging 2%		Fall risk Medium N/A N/A N/A N/A Medium Medium Medium	() () ()	Alarms

1 – Filter - Allows the user to filter customers by location and discharged customers.

2 – **Selected Customer Info Panel** - Displays detailed information for the customer selected from the list below. The toolbar presents the actions that can be made on customer data.

3 – **Customer List** - Displays the list of customers registered in the system according to the selected filter criteria. The list presents the name of the customer, the number of his bed, dependency level profile, assigned device unique identifier, status of the assigned device, battery level of the assigned device, fall risk and if the customer has configured alarm generation activated or not. It is sortable and allows applying additional filtering to each column individually.

Edit customer data

The information about a customer can be updated in this page, but the user profile determines the type of information that can be changed. Caregivers are allowed to update the system configuration but cannot change the customer's personal data. If any error is detected in the name, gender, birthdate it must be requested to the administrator to correct it.

When the user selects a customer and clicks on the "Edit client file" button, the editable data form opens allowing the user to change the allowed data

and save. There are two tabs: one with more personal information about the customer and the other with the settings for his alarms configuration with the ability to enable or disable any given events depending on a schedule.

Follows a description of the fields that a caregiver user can change:

Edit client file		
Data Alarms		
Name / Surname	Rosie Holt	
Birth date	1 (1 (1) (1) (1) (1) (1) (1) (1) (1) (1)	
Gender	Semale 💌 Male	
2 Location / Room / Bed	Floor 0 - Wing CSW 2 2	
3 Dependency Level	 With behavioural issues Dependent Independent 	
4 Relevant information	No relevant notes	
Cancel	Save char	nges
Edit client file		
Data Alarms		
Can not leave the building - I	Dicallowed areas	
	0:00 - 24:00	
	0:00 - 24:00	
Call button		
	0:00 - 24:00	
Eall Low Modur	v Ulab	
	0:00 - 24:00	
Malking detection		
C Walking detection	0:00 - 24:00	
Gatting up from chair detecti		
9 Octany up nom chan detect	0:00 - 24:00	
Getting up from bed detection	n	
0	0:00 - 24:00	
		_
Cancel	Save char	nges

1 – **Customer personal data** that cannot be changed by the caregiver user profile. The user is unable to write in these fields.

August 2013 www.oncaring.com **2** – **Location/Room/Bed** – Local inside the institution where the customer is accommodated (named original location).

3 - Profile - 3 levels of dependency. This field prefills some other data fields with default values that can be changed manually by the user (Fall risk, Client Permissions, Allowed areas, Active Alarms).

4 – **Relevant information** – Customer's additional information.

5 – **Disallowed areas** - Allows the definition of the areas that are restricted to the customer, i.e., where the customer should not have access and an alarm is generated in case he goes there and sets the time period that the restrictions apply during the day (for example, the customer may leave the building during the time there is a guard in the front desk from 9:00 to 17:00). Note that the customer's original location is always considered an authorized location, so it is not possible to configure it as a disallowed area.

6 – **Client permissions for not wearing the device** – Allows tor forbids he customer to remove his sensor and sets the time period that the restrictions apply during the day.

7 - Call Button - Allows or forbids the customer to use the call button to ask for help to the caregivers and the sets the time period that the the functionality is active during the day.

8 – **Fall detection setup** – Allows to define if the fall detection is active for the customer, and if active sets the sensitivity of the fall detection mechanism, wherein greatest risk, means higher sensitivity of the system. It also sets the time period the functionality is active during the day.

9 – **Fall prevention setup** – Allows define the fall prevention movement detection that are active for the customer and sets the time period the functionality is active during the day.

If the device that is assigned to the customer does not support any of the possible functionalities, the correspondent configuration will be disabled.

Assign/Un-assign devices

All users can assign or un-assign devices to customers in the clients page.

To assign a device: On the Customer Info Panel, with the respective customer selected, click on Assign button (it will only be enabled if the customer does not have a device already assigned).

It opens a new page with the list of available devices so that one can be chosen for assignment, then click on the Assign Sensor button. To confirm that the correct device is being assigned, check the device's unique identifier (in a label on the back of the physical device).

José Santos		Bed 16		
Male 82 years-old 13/10/1930	F	Floor 1 Wing A Room	16	
Profile: Independent	5	Sensor: -		
Fall risk: Medium	5	State: -		
Alarms: N/A	E	Battery: -		
Edit client file Sensor Assign	Unassign Alarms: Suspe	nd Resume	Open cli	ent file
	Assign sensor to			
José	Assign sensor to Santos, Bed 16, P	Piso 1		
José	Assign sensor to Santos, Bed 16, P	Piso 1 * Brand		Selecte
José	Assign sensor to Santos, Bed 16, F	Piso 1	8	Selecte
José It fier r by Mac cc0:0c:52:15	Assign sensor to Santos, Bed 16, P • Sensor Type (Bet Clip	Piso 1 Brand C Brand C Brand Wiseware	8	Selecta
José Iffler r by Mac 100:00:52:75 100:00:55:0d	Assign sensor to Santos, Bed 16, P Sensor Type Bet Clp Bet Clp	Piso 1 Brand C Wiseware Wiseware	8 1)	Selecta
José 8	Assign sensor to Santos, Bed 16, P Sensor Type Bet Clip Bet Clip Bet Clip Bet Clip	Piso 1 Brand Si Wiseware Wiseware Wiseware	8 8)	Selecta
Uffer to Mac e00.0c:55:0d c00:0c:55:0d c00:05:0c:81 :8ex40:110:fc	Assign sensor to Santos, Bed 16, P Sensor Type Bet Clip Bet Clip Bet Clip Bet Clip Bet Clip Bracelet	Piso 1 Brand Si Wiseware Wiseware Bahau	8	Selecte
José tifler r by Mac xc0:00:55:dd xc0:00:55:dd xc0:00:50:d81 5:8e40:10:5c 8:8e40:10:5c	Assign sensor to Santos, Bed 16, P Sensor Type Bet Clip Bet Clip Bet Clip Bracelet Bracelet	Piso 1 Brand Wiseware Wiseware Wiseware Bahau Bahau	8 B	Selecta

To un-assign a device: On the Customer Info Panel, with the respective customer selected, click on Unassign button (it will only be enabled if the customer has a device already assigned).

Carlos Figueiredo	Bed 18
Male 48 years-old 15/12/1964	Floor 1 Wing A Room 18
Profile: Independent	Sensor: 00:1e:c0:0c:59:2b
Fall risk: Medium	State: Available
Alarms: ON	Battery: OK
U	Jnassign sensor from
Carlos Fig	gueiredo, Bed 18, Floor 1
	vish to remove the sensor?
Do you w	

Suspend/Resume alarms on clients page

The caregiver user can temporarily suspend the alarms of a customer.

Yes No

In certain situations (going to physical therapy, taking bath, etc.) it can be useful to suspend the alarms generation for a customer. By suspending alarms, the client will be "on escort" mode, not being generated new alarms until a caregiver decides to resume them again. Once it is resumed, the system recovers the ability to generate alarms to that customer.

Suspending and resuming alarms can be done via web platform or through the <u>Caregiver device</u>.

To suspend: On the Customer Info Panel, with the respective customer selected, click on the Suspend button and insert a comment explaining why is the customer in escort (or select one of the prefilled options).

António Moura Male 77 years-old 26/07/1935 Profile: Independent Fall risk: Medium Alarms: ON	Bed 37 Floor 1 Wing A Room 37 Sensor: 00:18:8e:40:1b:fc State: Available Battery: OK
Edit client file Sensor Assign Un	assign Alarms: Suspend Resume Show map Open client file ->
	20:01h - Suspender alarmes do cliente Indique o motivo, por favor Fisioterapia Cossulta médica Banho Salda ao exterior Fimideisemana Higiene e cuidados Tratamentos

To resume: On the Customer Info Panel, with the respective customer selected, click on the Resume Button.

Ângela Ribeiro	Bed 23	Being escorted
Female 94 years-old 21/12/1918	Floor 2 Wing A Room 23	
Profile: Independent	Sensor: 00:1e:c0:0c:52:fc	
Fall risk: Medium	State: Available	
Alarms: OFF	Battery: OK	
Edit client file Sensor Assign Unassign	Alarms: Suspend Resume	Open client file ->

Open client file

The client file is a page intended for tracking customer events and monitored values. The caregiver user has the ability to query the data presented and to manage the complete documentation of events.

Gonçalo Quadros																						Ŧ
Client history																						
31 Jul 2013 C Falls C Heart rate events C Call button presses Events	Oh 1h	2h	3h	4h 51	6h	7h	8h	9h	10h 1	1h 12f	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	01
Heart rate (bpm)																						
Temperature (°C)																						
								Non	cords													
Year Month	Week D	ay	Now	(-)]	31 Ju	2013	•													Add	vital sig	ns
Alarm and event docum	entation																					
Ellia Long	e 17:12 h - C	Sant in	aunata	d halo uit	antina																	
11:49 h - Device in	stand-by	vient re	dneste	a neip wit	reating																	
11:44 h - Client pre Ellie Long	ssed the call © 11:44 h - 0	button lient re	– Ellie I queste	Long © 11 d informat	:44 on abou	t.																
11:00 h - Device in	stand-by																					
23-05-2013																						
	ttery chargin	9																				
19:27 h - Device ba																						
19:27 h - Device bi 19:27 h - Unlocked	device																					

1 – **Timeline of event** - Displays the event log through icons on a timeline. It is possible to turn on and off the display of events by their type.

2 – **Timeline of monitored values** – Displays the values of the vital signs that can be captured by the sensor worn by the customer (e.g., heart rate), or registered manually (e.g., temperature, blood pressure). Values outside the preconfigured ranges are highlighted. If no vital signs are being monitor for the customer this part of the client file can be hidden by clicking on the box heading (6).

 $3 - Timeline \ controls$ - Allows to set the time scale for the visualization, skip directly for the present moment and move forward or backward through the timeline arrows.

4 – **Add vital signs** – Allows to manually register values of temperature, blood pressure, blood glucose and heart rate (distinguishing from the automatic capture in timeline, if any, with the letter "M").

5 – **Documentation of events** - Displays the events represented timeline in the form of list, ordered from most recent to older. Allows the caregiver to manage all documentation of events (document alarms, edit comments and create or delete events generated manually).

Sensors Management Page

This page is dedicated to view and manage the devices in the system.

all 👻			Nurse Enf	ermeiro 1 14:34:20	() Logout
All sansors T					
Identifier	A State	Sensor Type	e Brand	Assigned to	
Filter by Mac		1)((I) (III	Tilter by User	
00:1ex00:00:52:15	Available	Belt Clip	Wiseware		
00:1e:00:0c:53:0a	Unlocked	Belt Clip	Wiseware	José Macedo	
00:1e:00:0c:55:4d	Active	Belt Clip	Wiseware	Carlos Figueiredo	
00:1ex010c:55:47	Active	Belt Clip	Wseware	Carolina Real	
00:1ex010c:55:dd	Available	Belt Clip	Wiseware		
00:1e:00:05:0c:81	Available	Belt Clip	Wiseware		
00:18:8e:20:82:52	Active	Caregiver device	Ekahau	Cuidador 5	
00:18:8e:20:82:fc	Active	Caregiver device	Ekahau	Chefe Cuidadores	
00:18:8e:20:83:c0	Active	Caregiver device	Ekahau	Cuidador 7	
00:18:8e:20:83:e5	Active	Caregiver device	Ekahau	Cuidador 3	
00:18:8e:20:b4:0e	Active	Caregiver device	Ekahau	Cuidador 6	

1 – Filter - Allows the user to filter the sensors by location origin.

2 – **Sensor List** - Displays the list of sensors registered in the system according to the selected filter criteria. The list presents the unique identifier of each sensor, its type, state, battery condition, brand and to whom is it assigned if anyone. It is sortable and allows applying additional filtering to each column individually.

Administrator profile

An administrator user login has access to the same areas that were described in the previous section "Caregiver profile" plus a different application area named Professionals that it is described below.



- Alarms Send the user to the Alarms Management page.
- Clients Sends the user to the Clients Management page.
- Professionals Sends the user to the Professionals Management page.
- Sensors Sends the user to the Sensors Management page.

There are also some differences in some of the authorized actions that were presented on the "Caregiver profile" section and those differences are also described in the following sections.

So, for the full description of the administrator functionalities in the web application, one must also read the "Caregiver profile" section, because this is cumulative, just highlighting the differences between the two profiles.

Clients Management Page

Add new customers

Administrator users can add new customer records to the onAll platform in the Clients Management page. Once the customer is registered in the system he can have a sensor assign, start generating alerts and have the events monitored through the application.

To add a new customer: On the Clients Management page, click on "Create new client" button. A new customer form is open that allows the user to introduce the information for the fields that were described in section "Edit customer data" including the personal data (name, birthdate, gender).

hall 👻				Admin	istrator Admin onCa	aring 11:38:08	() Logou		
All clients 💌 🗌 sons	sor assigned					Create	new client		
Please select a client from the list									
Client	A Bed	Profile	Sensor	State	Battery F	all risk	Alarms		
André Lemos	999	Independent	None	Available	N/A N	1/A	N/A		

Data Alarms	
Name / Sumame	
Birth date	(Day 8) (Month 8) (Year 8)
Gender	Pemale Male
Location / Room / Bed	[Poor 0 - Wing CSW]]
Dependency Level	With behavioural issues Dependent Endependent
Relevant information	
(anost)	(Bern Tix) (Bern and proceed to assignment

Note: Customers can only be created if associated to a location. If there aren't locations defined in the system, the onCaring support team must be contacted.

Discharge a customer

Administrator users are able to discharge registered customers in the system, so that no they do not appear as active and visible in the list of customers.

To discharge a customer, in the toolbar that appears in the Info Panel of the selected active customer, there is a button "Discharge client", once clicked, it is requested for the user to insert a comment.

Kate Lane	Bed 5	
Female 74 years-old 15/09/1938	Floor 0 Wing CSW Room 5	
Profile: Independent	Sensor: -	
Fall risk: Medium	State: -	
Alarms: N/A	Battery: -	
Lait client file Sensor Assign Unassig	n Discharge client	Open client file
Lait client file Sensor Assign Unassig Discharge client Kate Lane lease add a comment	Discharge client	Open client file
Lait client file Sensor Assign Unassig Discharge client Kate Lane lease add a comment	Discharge client	Open client file
Edit client file Sensor Assign Unassig bischarge client Kate Lane lease add a comment	Discharge client	Open client file
Edit client file Sensor Assign Unassig Discharge client Kate Lane lease add a comment	Discharge client	Open client file

All users can access the list customers who were discharged through the filter in the Customer Management page "Discharged clients" option.

A discharged customer can be reactivated at any time, though the button "Undo discharge".

Kate Lane	Bed 5	
Female 74 years-old 15/09/1938	Floor 0 Wing CSW Room 5	
Profile: Independent	Sensor: -	
Fall risk: Medium	State: -	
Discharge Reason: Client has ended his treatment	Battery: -	

Alarms Management Page

The administrator user can only see the active alarms not being able to perform any action on an alarm in order to resolve it.

Sensors Management Page

onall	•				Administrator Admin onCar	ing 18:50:24 🔿 Logo
1	All sensors v					3 Add sensor
1	Identifier *	State Ø	Sensor Type 🛛 🛛 🔶	Brand \$	Assigned to •	٥
-	Filter by Mac	(1		(Filter by User)	
2	00:1e:c0:0c:52:f5	Available	Belt Clip	Wiseware	4	Edit Delete 5
	00:1e:c0:0c:53:0a	Unlocked	Belt Clip	Wiseware	José Macedo	
	00:1e:c0:0c:55:4d	Active	Belt Clip	Wiseware	Carlos Figueiredo	
	00:1e:c0:0c:55:47	Active	Belt Clip	Wiseware	Carolina Real	
>	00:1e:c0:0c:55:dd	Available	Belt Clip	Wiseware		Edit Delete
	00:1e:c0:05:0c:81	Available	Belt Clip	Wiseware		Edit Delete
	00:18:8e:20:82:52	Active	Caregiver device	Ekahau	Cuidador 5	
	00:18:8e:20:82:fc	Active	Caregiver device	Ekahau	Chefe Cuidadores	
	00:18:8e:20:83:c0	Active	Caregiver device	Ekahau	Cuidador 7	
	00:18:8e:20:83:e5	Active	Caregiver device	Ekahau	Cuidador 3	
	00:18:8e:20:b4:0e	Active	Caregiver device	Ekahau	Cuidador 6	

1 – Filter - Allows the user to filter the sensors by location origin.

2 – **Sensor List** - Displays the list of sensors registered in the system according to the selected filter criteria. The list presents the unique identifier of each sensor, its type, state, battery condition, brand and to whom is it assigned if anyone. It is sortable and allows applying additional filtering to each column individually.

- 3 Add sensor Insert new devices in the system.
- 4 Edit Update device information.
- **5 Delete** Remove devices from the system.

Add new sensors

The administrator user can add new caregivers and customer devices, so that they became available in the system to be assigned to users.

Add sensor	G109000 20	
Device	Wiseware	\$
2 Туре	Belt Clip	\$
Sormat: 00:18:8e:20:75:ab	1	
Cancel		Add sensor

- 1 Device Brand of the device.
- **2 Type** Format of the device.

3 – **Identifier** – Unique device (MAC address) id that must be copied from the label that is usually on the back of the physical device.

Sensors can also be automatically added to the platform if they are new and when they first communicate with the system.

Edit a sensor

The information about the devices that are not assigned to any user can be updated. If an assigned device needs to be updated it has to be un-assigned before.

Delete a sensor

Only devices that are not assigned to any user can be removed from the system. If an assigned device needs to be deleted it has to be un-assigned before.

Professionals Management Page

This page is dedicated to view and manage (disable or change the settings) all professionals of the institution: Caregivers (nurses and auxiliaries) and Administrators.

In this page the administrator user can:

- View the list of professionals registered in the system;
- Filter the list of professionals;
- Register new professionals;
- Disable active professionals;
- · Correct the information data of the professionals;
- Assign and remove the devices assign to the caregivers.

onal	•						/	Administrator Admin or	Caring	12:17:36	() Logout
1	All users 🐨									Create	new user 4
	Enfermeiro 1										
2	Nurse										
	Sensor: 00:18:8e:20:c9:bb Battery: Charging										
>	Edit user Sensor: Assign Unassign									Activate profe	essional
	User •	Sensor	٥	State	٥	Battery	0	Login ¢	Туре		۰
3	(Filter by Name)	(•		•	Filter by Username			\$
	oncaring nurse	None		Available		ок		nurse	Nurse		
	Marta Paulino	None		Available		OK		gfpmrpm	Admin	histrator	
	Entermeiro Android	64:a7:59:84:9e:0	a	Active		Depleted		hto	Nurse		
	Enfermeiro 3	00:18:8e:20:od:4	7	Active		OK		enferm3	Nurse		
	Enfermeiro 2	00:18:8e:20:c9:b	b	Active		OK		enferm2	Nurse		
	Enfermeiro 1	00:18:8e:22:40:b	1	Active		OK		enferm1	Nurse		
	Cuidador 7	00:18:8e:20:83:c	0	Active		Charging			Auxilia	ary	
	Cuidador 6	00:18:8e:20:b4:0	e	Active		Charging			Auxilia	ary	
	Cuidador 5	00:18:8e:20:82:5	2	Active		Charging			Auxilia	ary	

1 – **Filter** - Allows the user to filter the professionals by location origin and by deactivated status.

2 – **Selected professional info panel** - Displays detailed information for the professional selected from the list below. The toolbar presents the actions that can be made on professional data.

3 – **List of professionals** - Displays all professionals registered in the system, according to the filtering criteria. The list presents the name, the type of professional (nurse, auxiliary, administrator) and the device that is assigned to the professional. It is sortable and allows applying additional filtering to each column individually.

4 – **Create new user** – Allow the administrator to insert new professional records in the system.

Create new user

To add a new user to the system: On the Professional Management page, click on "Create new user" button. The new user form is open that allows the user to introduce the necessary information.

) , (, (, (, (, (),	Nurse
Name		
Surname		
Mobile phone number Format: 351912345678		
	Receive alerts via mobile phone	
Username		
Password		
Confirm Password		

1 – Information to fill about the user including the type (nurse, auxiliary, administrator), name and the login and password (for nurses and administrators).

2 - You can just save the information and leave it or you can save it and go directly to assigning a caregiver device to the user (if it created user is a caregiver type).

Edit user

The administrator user can update all the information from a user. To change the user information, on the Professional Info Panel, with the respective professional selected, click on "Edit user" button, change the values of fields that need to be updated and save.

Cuidador 1	
Auxiliary	
Sensor: 00:18:8e:20:82:fc Battery: OK	
Edit user Sensor: Assign Unassign	Deactivate professional

Deactivate professional

To deactivate a professional record and be able to filter it on the professionals' list, on the Professional Info Panel, select the respective professional and click on "Deactivate professional" button, change the values of the fields that need to be updated and confirm with the yes button the change (or ignore the changes using the cancel button).



Assign/Un-assign a device to a professional

Only professionals of caregiver type (nurse and auxiliary) can have assigned devices.

To assign a device, on the Professional Info Panel, with the respective professional selected, click on "Assign" button (it will only be enabled if the professional does not have a device already assigned).

It opens a new page with the list of available caregiver devices so that one can be chosen for assignment and click on the "Assign Sensor" button. To confirm that the correct device is being assigned, check the device's unique identifier (usually in a label on the back of the physical device).

To un-assign a device, select the professional and on the Professional Info Panel, click on "Unassign" button (it will only be enabled if the customer has a device already assigned) and confirm.

Devices

Wrist Device/Bracelet

The wrist device is a portable and wireless sensor that must be used by the customer in the wrist at all times.

The bracelet allows the system to locate the customer anywhere in the facility covered by Wi-Fi network, and has a button that generates alarms whenever it is pressed.



- A Removable bracelet Allows attaching the sensor on the wrist of the customer so that the device is used as a clock.
- **B Sensor** Allows locating the customer in the facility and provides the call button.
- C Button When the user pushes the button it generates an alarm in the system of type "Button". The device vibrates and the customer will see a red light on the button.

Alarms

The wrist device is able to trigger the following alarms:



Location

Customer left the authorized area.



Button

Customer pressed the button of his device.



Battery Low

Customer's device has low battery level.



Depleted Battery

Customer's device runs out of battery.



Device lost connection to the system.

For further details on the alarms check section Alarm Types.

Cleaning and Maintenance of the Device

Charging the battery

After being issued a low battery level alarm, the device should be, immediately, connected to the charger to prevent the customer from not being monitored.

Place it in the individual charger as in the image:



Or

Place it in a multi-charger:



Cleaning the device

To clean the device just pass a cleaning wipe, avoiding the pass on top of the identification label to prevent damage.

Belt Clip

The belt clip device is a portable and wireless sensor that must be used by the customer in the waist at all times. It can be attached to the waistband of his pants or her skirt, or to a belt.

The belt clip allows the system to locate the customer anywhere in the facility covered by Wi-Fi network, and has a button that generates alarms when it is pressed. It also detects falls and the movements that can lead to a fall.

The sensor will beep every time it detects an alarm so that the customer is aware of if.



- A Battery LED Turns on the green light while charging and turns it off when charge is complete. Turns on a red flashing light when the battery is in low level.
- **B Status LED** Blue light that indicates that the device is connected.
- C Button When the user pushes the button it generates an alarm in the system of type "Button". The device vibrates and the customer will see a red blinking light on the button.
- D Belt clip Clip to attach the device to the waistband or to a belt. It has a mechanism that allows the system to identify if the device is being worn.

Alarms

The belt clip device is able to monitor and trigger the following alarms:



For further details on the alarms check section Alarm Types.

Cleaning and Maintenance of the Device

Charging the battery

To charge the device, plug it to the to the socket using the supplied cable.



- While the device is charging there is a green light.
- When the device is fully charged the green light turns off.
- After removing the sensor from the charger if it is connected, all the LEDs will light up.

Cleaning the device

To clean the device just pass a cleaning wipe, avoiding the pass on top of the identification label to prevent damage.

Caregiver Device

There are two types of caregiver devices: Tag (or Badge) and the Android device.

In the following sections you can find the detailed information of each devices' possible functionalities.

Tag or Badge

The Tag or also called Badge, allows the care provider to receive the customer's alarms and resolve them. It can also be used to request help other caregivers.

A – When the device is in a considered normal state, within wireless range, with enough battery and without active alarms, a green light on the left side flashes. If the device is out of wireless range, it flashes with red light colour.

B – Yank button – is used to request help to other caregivers by pulling the tab.

C – **Alarm light** – When an alarm is received, both lights, left and right of the tab, flash rapidly with red colour.

D – **Up** / **down** - The arrow buttons go up and down on the selection on the screen.

E – Confirm / Wake screen / Menu:

- This button allows the caregiver to confirm the option highlighted on the screen, resolving the selected alert.
- If the screen is in standby, a quick press of this button can reactivate it.
- A long press of this button,opens the menu options of the device.

F – **Screen** – Displays text notifications related to the alarms and to the device.



In a normal state of the device, within network coverage, with battery and no active alarm, it presents a flashing green light.



If a caregiver device is not under wireless coverage, the left light flashes with red colour. And Out-of-range alarm will appear in web application (It is considered a system alarm).

It is extremely important that the device is within wireless network because otherwise, the caregiver will not be notified of any event, including alarms.

Receive Alarms on the Caregiver Device

Whenever there is an alarm in the onAll system, it is forwarded to the appropriate caregiver(s) according to the defined propagation rules.

The caregiver device notifies the professional providing a warning sound, a text message in the screen and a flashing light red, blinking rapidly.

Alarms are usually dispatched to the caregivers that are in the same location where it occurred. If an alarm is not handled in a predefined period of



time, it is then propagated to other locations or other hierarchy levels of the care providers.

When the caregiver enters a different location, he will also receive the active alarms relating to the new location.

The message received in the screen of the caregiver device has the following format:

«Name of the customer» «Location where it happened» «Alarm type» where Alarm Type is a single letter identifying what happened, for example:

- (B) Button
- (F) Fall
- (L) Location
- (U) Device not being worn
- (0) Depleted battery

...

This can be configured in each installation of the product.

Resolve Alarms with the Caregiver Device

Customer Alarms

To resolve a customer alarm using the caregiver the device, the care provider must choose the desired event using the arrow buttons (**D**) and confirm the resolution with the confirmation button (**E**). The caregiver must be in same location as the client for that the event is resolved.

Fixed Alarms

The button alarms from the fixed call button system on the bed of the customers cannot be resolve the through the caregiver device nor the web application. This alarm is external the onAll system and can only be solved by turning off the alarm directly in the bedroom of the customer.

Out-of-range Alarms

Out-of-range alarms cannot also be resolved through the caregiver device. They are automatically resolved by the system, once the customer device is back inside the coverage of the wireless network.

Battery Alarms

The caregiver cannot resolve battery alarms, either low battery or depleted battery, through his device. These alarms are automatically resolved by charging the device with battery issues.

Suspend alarms with the Caregiver Device

The caregiver user can temporarily suspend the alarms of a customer through the Caregiver device, but there are some restrictions:

- Only on an active location alarm is possible to do the suspend operation.
- Only the caregiver with Nurse profile can do the operation.

In certain situations (going to physical therapy, taking bath, etc.) it can be useful to suspend the alarms generation for a customer. By suspending alarms, the client will be "on escort" mode, not being generated new alarms until a caregiver decides to resume them again. Once it is resumed, the system recovers the ability to generate alarms to that customer.

Suspending and resuming alarms can be done through the Caregiver device or via web platform.

To suspend: When there is a location alarm, one of the possible actions on the caregiver device will be Suspend, the care provider must choose the desired action using the arrow buttons (D) and confirm the resolution with the confirmation button (E).



To resume the alarms generation, it has to be done via web application as explained in the "Suspend/Resume alarms on clients page" section.

Request help to other caregivers

In an emergency situation, any caregiver is able to request help to the other professionals, simply by pulling the tab which is on top of device, as shown below:



This action triggers an alarm to all other caregivers that are in the same location. If no other caregiver is in the same location, the help request is escalated to the other areas of the institution.

Cleaning and Maintenance of the Device

Charging the battery

When the caregiver device is with low battery level, the system creates an event "No Battery" which is presented on the alarms page of the web platform.

When it is fully charged, the device battery lasts for more than 24 hours. However, it must be charged as often as necessary to prevent the device from running out of battery during a shift.



This will require putting it in a multi-charger entry by simply entering the device on the charger facing down.

When the battery is fully charged the red light turns off and the green one turns on.

It is extremely important that each caregiver ensures that his device has battery. To ensure that the device will not run out battery in the middle of a shift, it should be put into charge at the end of the shift.

Cleaning the device

To clean the device just pass a cleaning wipe, avoiding the pass on top of the identification label to prevent damage.

Android Device

The Android device allows the care provider to perform all the actions that were described for the Rag device related to receiving the customer's alarms and resolve them, but it also allows the caregiver to perform a subset of operations that are done via the Web Platform such as document alarms, check the location of a client.

Because this is a more complete and elaborated usage, there is a separated manual that explains in detail the supported functions on the Android device. So please check the "Android Device User Manual" for further description.