

Alaris™ Infusion Central v1.3

Quick Start Guide

November 2020



Alaris™ Infusion Central Version 1.3

Alaris™ Infusion Central is manufactured by Ascom UMS srl (<http://www.ascom.com>).



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Ascom UMS is certified according to EN ISO 13485:2016 with the following scope: "Product and specification development, manufacturing management, marketing, sales, production, installation and servicing of information, communication and workflow software solutions for healthcare including integration with medical devices and patient related information systems".

Distribution

Alaris™ Infusion Central is exclusively distributed by BD. See the Alaris™ Infusion Central User Manual for the BD distributors list.

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This guide is provided with the product Alaris™ Infusion Central to give the user essential information on the following topics:

- *Alaris™ Infusion Central start up and user access.*
- *Frequently used procedures.*
- *Recovery procedures.*
- *User manual availability.*
- *Product information availability.*
- *Manufacturer and Distributors contacts.*

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Alaris™ Infusion Central installation

The Alaris™ Infusion Central system can only be installed by Ascom Ums/Distributors technicians or technicians explicitly authorized by Ascom UMS or Distributors. The end-user will find the system already installed and properly configured on his/her workstation.

Frequently used procedures

How to run Alaris™ Infusion Central



To run Alaris™ Infusion Central Double click the  icon on the workstation desktop. A starting screen is displayed while the system is loading.

After a few seconds the Alaris™ Infusion Central work area is displayed.

AIC Choose patient...		ICU CENTRAL		08:48 18 MAR 2019	
1 PATIENT01, TEST01 01	2 PATIENT02, TEST02 02 0h 12m to next end of infusion	3 PATIENT03, TEST03 03 0h 12m to next end of infusion	4 PATIENT04, TEST04 04 0h 12m to next end of infusion		
	Alaris GP 2.25 mL/h	Alaris GP 2.25 mL/h	Alaris GP 2.25 mL/h		
	Alaris GW 5 mL/h	Alaris GW 5 mL/h	Alaris GW 5 mL/h		
	Alaris GH_G 30 mL/h	Alaris GH_G 30 mL/h	Alaris GH_G 30 mL/h		
	Alaris GH_G 9 mL/h	Alaris GH_G 9 mL/h	Alaris GH_G 9 mL/h		
	Alaris CC 0.9 mL/h	Alaris CC 0.9 mL/h	Alaris CC 0.9 mL/h		
	Alfentanil 11.2 mL/h	Alfentanil 11.3 mL/h	Alfentanil 11.2 mL/h		
5 PATIENT05, TEST05 05 0h 12m to next end of infusion	6 PATIENT06, TEST06 06 0h 12m to next end of infusion	7 PATIENT07, TEST07 07 0h 12m to next end of infusion	8 PATIENT08, TEST08 08 0h 07m to next end of infusion		
Alaris GP 2.25 mL/h	Alaris GP 2.25 mL/h	Alaris GP 2.25 mL/h	Alaris GP 3.6 mL/h		
Alaris GW 5 mL/h	Alaris GW 5 mL/h	Alaris GW 5 mL/h	Alaris GW 5 mL/h		
Alaris GH_G 30 mL/h	Alaris GH_G 30 mL/h	Alaris GH_G 30 mL/h	Alaris GH_G 30 mL/h		
Alaris GH_G 9 mL/h	Alaris GH_G 9 mL/h	Alaris GH_G 9 mL/h	Alaris GH_G 9 mL/h		
Alaris CC 0.9 mL/h	Alaris CC 0.9 mL/h	Alaris CC 0.9 mL/h	Alaris CC 0.9 mL/h		
Alfentanil 11.3 mL/h	Alfentanil 11.2 mL/h	Alfentanil 11.2 mL/h	Alfentanil 9.27 mL/h		
PROFILE DOSE RATE PRESSURE VOLUME TIME WEIGHT ROTATE					

Log In procedure

To use Alaris™ Infusion Central it is necessary to log in to the system. I.e. the user must insert his/her credentials (USERNAME and PASSWORD). To log in, at the beginning of every work session,

1. Click the **User** button (A). The following screen is displayed.

The screenshot shows the login interface of Alaris Infusion Central. At the top, there is a blue bar with a menu icon, 'AIC Choose patient...', and a 'User' button (A). Below this bar, there are two input fields: 'USERNAME' (B) and 'PASSWORD' (C). To the right of these fields is a numeric keypad and a 'RECENT' list. The bottom of the screen features a bar with four buttons: '+ MORE...', 'LOCK', 'CANCEL', and 'OK' (D).

2. Insert your **USERNAME** (B).
3. Insert your **PASSWORD** (C).
4. Click **OK** (D).

The user is logged in. An acronym indicating the user currently logged is displayed on the **User** button on the command bar.



“User lock” functionality

If the system remains idle for a certain time (configurable), the user is automatically logged out. To disable this functionality it is necessary, before clicking **OK**, to:

- Click **LOCK** on the “Log in” screen command bar (**A**).



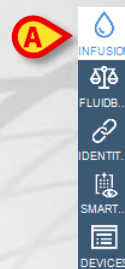
If the user is locked, a padlock icon is displayed on the User icon.



Module Selection

To select a module click the corresponding icon on the lateral bar.

The selected module's icon is highlighted (**A**).



Log out

At the end of every work session the user must log out. To log out:

- Click the **User** button on the command bar (**A**).



The user is logged out. The user acronym disappears from the **User** button -



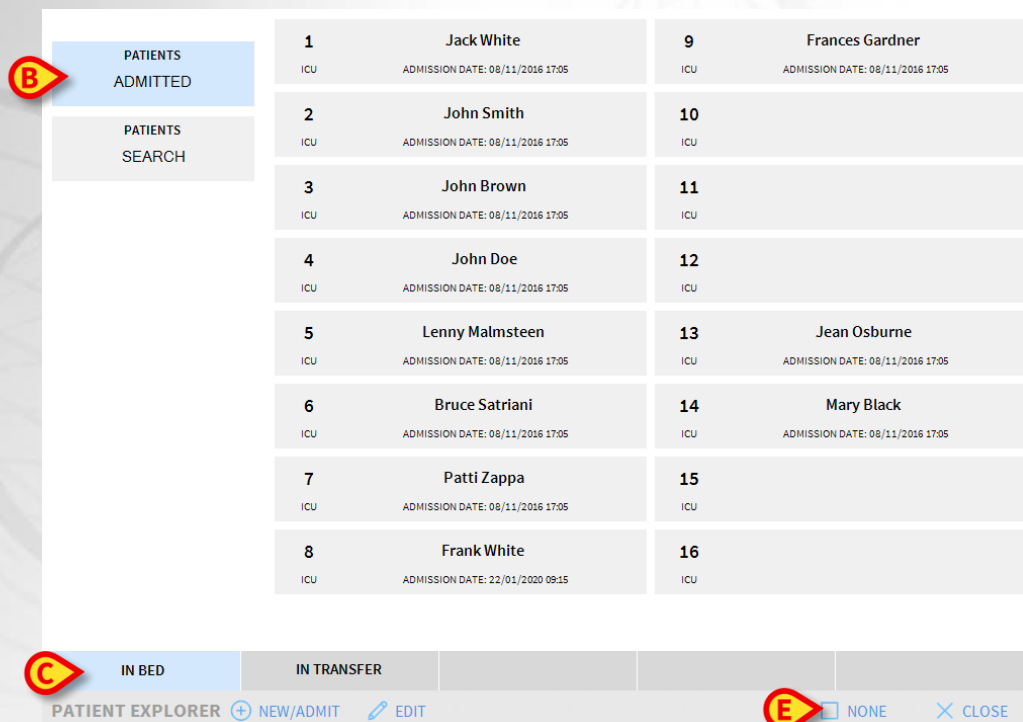
Patient Management

◆ Patient selection

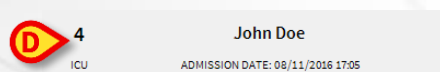
1. Click the **Patient** button (A) on Control Bar.



2. Select **Patients Admitted** (B) and then **In Bed** (C)



3. Click the **Bed Button** corresponding to the patient to be selected (D).

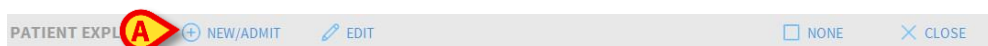


The patient is selected. Their name is displayed on the **Patient** button on “Control Bar”. Click **None** on the command bar (E) to deselect the selected patient.

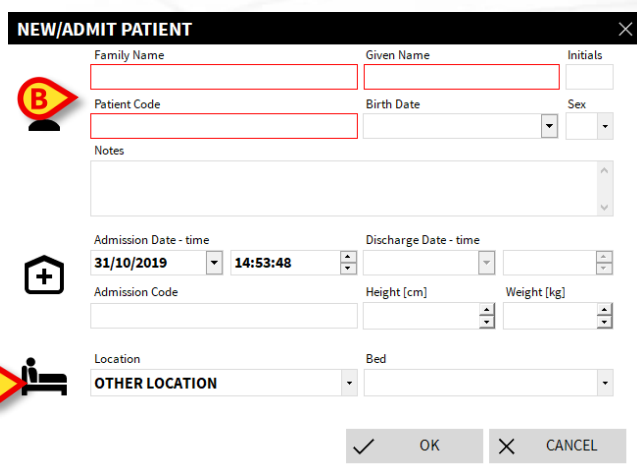
◆ New patient creation and admission

If the system is connected to the hospital patients’ archive, the patient can be admitted and selected using the procedure described in the next paragraph. If the patient cannot be found in the hospital patients’ archive, it is possible to create it in the Alaris™ Infusion Central local database using the procedure described in this paragraph.

1. Click **NEW/ADMIT** on the command bar (A).



The following window opens.



NEW/ADMIT PATIENT

Family Name Given Name Initials

Patient Code Birth Date Sex

Notes

Admission Date - time Discharge Date - time

Admission Code Height [cm] Weight [kg]

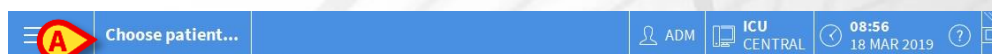
Location Bed

OK CANCEL

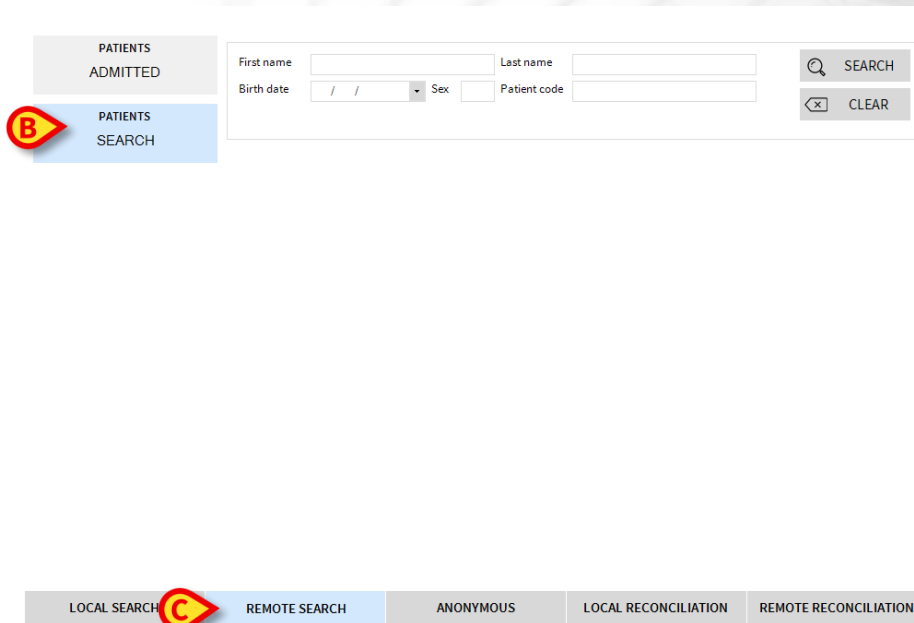
- Specify the patient data (B).
- Specify the bed and location (C).
- Click **OK**.

◆ Patient admission from the hospital patient archive

- Click the **Patient** button (A) on “Control Bar”.



- Select **Patients Search** (B) and then **Remote Search** (C)



PATIENTS

ADMITTED

PATIENTS

SEARCH

First name Last name

Birth date Sex Patient code

SEARCH

CLEAR

LOCAL SEARCH **REMOTE SEARCH** ANONYMOUS LOCAL RECONCILIATION REMOTE RECONCILIATION

- Specify patient data in the search fields (D) and click **SEARCH** (E).

- Double-click the row corresponding to the relevant result (F).

First name white Last name SEARCH
 Birth date / / Sex Patient code CLEAR
 Location

First name	Last name	Sex	Birth date	Patient code	Admission date	Admission code
White	Frank	I	12/01/1966	45634	22/01/2020	
White	Jack	M	01/01/1951	35246	08/11/2016	A0111

- Verify patient data. Specify the destination department and bed (G) for the patient and click **OK**.

NEW/ADMIT PATIENT

Family Name **Doe** Given Name **Jane** Initials
 Patient Code **564738** Birth Date Sex
 Notes
 Admission Date - time **18/02/2020** **12:28:54** Discharge Date - time
 Admission Code Height [cm] Weight [kg]
 Location **ICU** Bed **11**
 OK CANCEL

◆ Patient discharge

Select the patient as described in the previous paragraphs.

- Click **EDIT (A)** on the command bar. A menu is displayed.

PATIENT EXPLORER NEW/ADMIT EDIT NONE CLOSE

- On the menu, click the **DISCHARGE (B)** option.

EDIT
 DELETE
DISCHARGE
 ADMIT
 MOVE

A confirmation is requested. Click **Yes** to confirm. A window containing the patient data opens.

EDIT PATIENT

Family Name

Stanley

Given Name

Initials

Patient Code

57683

Birth Date

09/09/2018

Sex

M

Notes

Admission Date - time

11/09/2018 11:58:18

Discharge Date - time

28/01/2019 08:53:22

Admission Code

186

Height [cm]

81.000

Weight [kg]

OK

CANCEL

3. Specify the discharge data and click **OK (C)**.

“Infusion” module

◆ Ward station

The “Ward station” screen displays all the pumps connected to each patient in the domain.

1 PATIENT01, TEST01 01 	2 PATIENT02, TEST02 02 0h 54mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>6.64 mL/h</div> </div>	3 PATIENT03, TEST03 03 0h 54mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>6.64 mL/h</div> </div>	4 PATIENT04, TEST04 04 0h 54mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>6.64 mL/h</div> </div>
5 PATIENT05, TEST05 05 0h 54mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>6.64 mL/h</div> </div>	6 PATIENT06, TEST06 06 0h 54mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>6.64 mL/h</div> </div>	7 PATIENT07, TEST07 07 0h 54mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>6.64 mL/h</div> </div>	8 PATIENT08, TEST08 08 0h 49mto next end of infusion <div> <div>Alaris GP</div> <div>3.6 mL/h</div> </div> <div> <div>Alaris GW</div> <div>7 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>30 mL/h</div> </div> <div> <div>Alaris GH_G</div> <div>9 mL/h</div> </div> <div> <div>Alaris CC</div> <div>1.2 mL/h</div> </div> <div> <div>Alfentanil</div> <div>5.96 mL/h</div> </div>

PROFILE

DOSE

RATE

PRESSURE

VOLUME

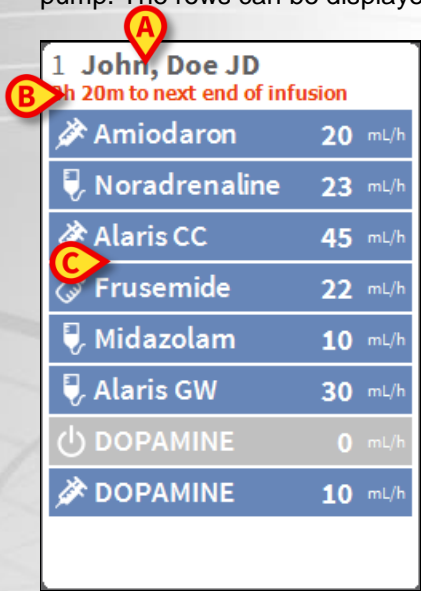
TIME

WEIGHT

ROTATE

The screen is divided in rectangular areas. Every area, called “bed-card”, refers to a bed and contains a schematic representation of all the pumps connected to a bed.

On top of each bed-card the bed number and patient name are displayed (A). Below the patient name the time remaining until the next end of infusion is specified (B). The rows indicated in C represent the connected pumps. Each row represents a pump. The rows can be displayed in five colors:



Bed	Patient Name	Time Remaining	Pump	Rate
1	John, Doe JD	20m to next end of infusion	Amiodaron	20 mL/h
			Noradrenaline	23 mL/h
			Alaris CC	45 mL/h
			Frusemide	22 mL/h
			Midazolam	10 mL/h
			Alaris GW	30 mL/h
			DOPAMINE	0 mL/h
			DOPAMINE	10 mL/h

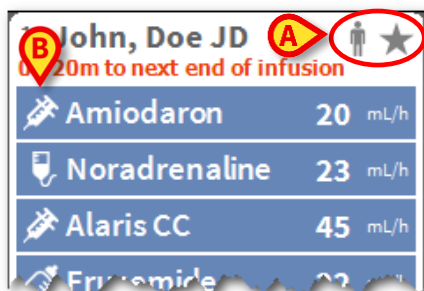
◆ “Infusion” module color code

On the “Infusion” module the following color code applies:

State	Example	Icon
Stand-by	Pump is in stand-by.	
Infusing	Pump is infusing.	
Low priority alarm	Pump is sending a low-priority alarm.	
Medium priority alarm	Pump is sending a medium-priority alarm.	
High priority alarm	Pump is sending a high-priority alarm.	




♦ “Infusion” module icons

Different icons can be displayed on the “Bed cards” (A).



1. Click the icons to open a tooltip providing additional information.

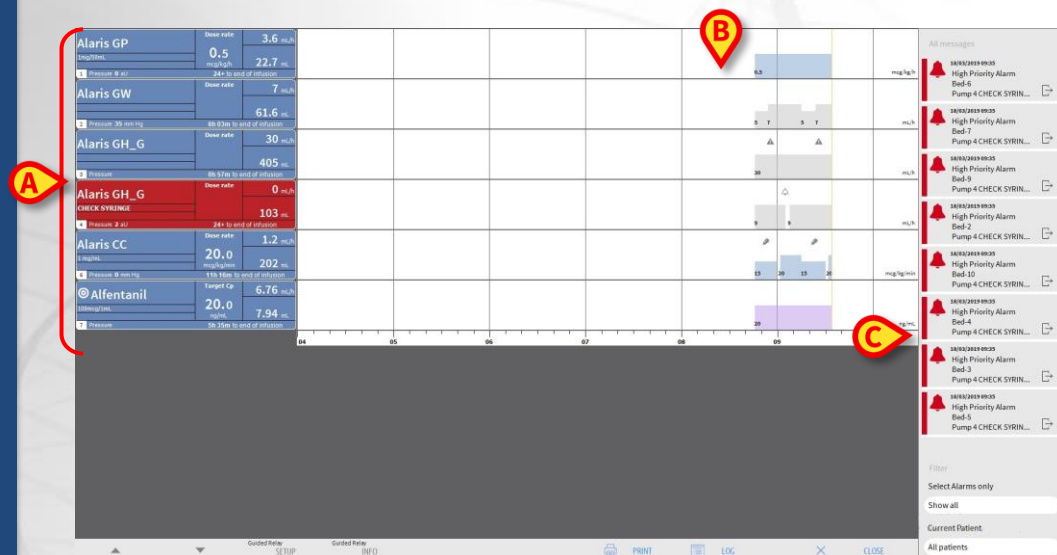
The icons meaning and number is set in the configuration. Contact your system administrator for more information. Alaris™ Infusion Central has three pre-configured icons.

-  - *Patient weight mismatch/profile mismatch.* This icon is displayed either when different weights for the same patient are set on the pumps in which the dose rate is influenced by the patient weight, or when different profiles are specified on different pumps for the same patient.
-  - *Expired vascular access device.* This icon is displayed when one of the vascular access devices associated to the patient exceeds the maximum number of days set on the Invasive Device Management module.
-  - *Guided Relay.* This icon is displayed either when one or more of the administered drugs are eligible for a Guided Relay process or a Guided Relay is running.

Different icons are displayed on the left of each pump name (B) to identify different kinds of pumps (volumetric, syringe, enteral, target-controlled infusion etc...).

◆ Patient Station

Click on one of the “Bed cards” to open the “Patient station” screen. The “Patient station” screen offers a detailed view of all the data coming from the pumps connected to a patient. The corresponding patient is automatically selected. On the left of the screen is a list of syringes and infusion pumps connected to the patient (A); in the middle a diagram displays drug infusion velocity changes in time and possible administered boluses (B).



On the left, each box represents a pump. These boxes are named “Pump buttons”. The pump button displays the drug name when the pump provides this kind of information. When it doesn’t, the pump name is displayed.

A notification area is displayed on the right of every Alaris™ Infusion Central screen, reporting the possible alarms sent by the connected pumps (C).

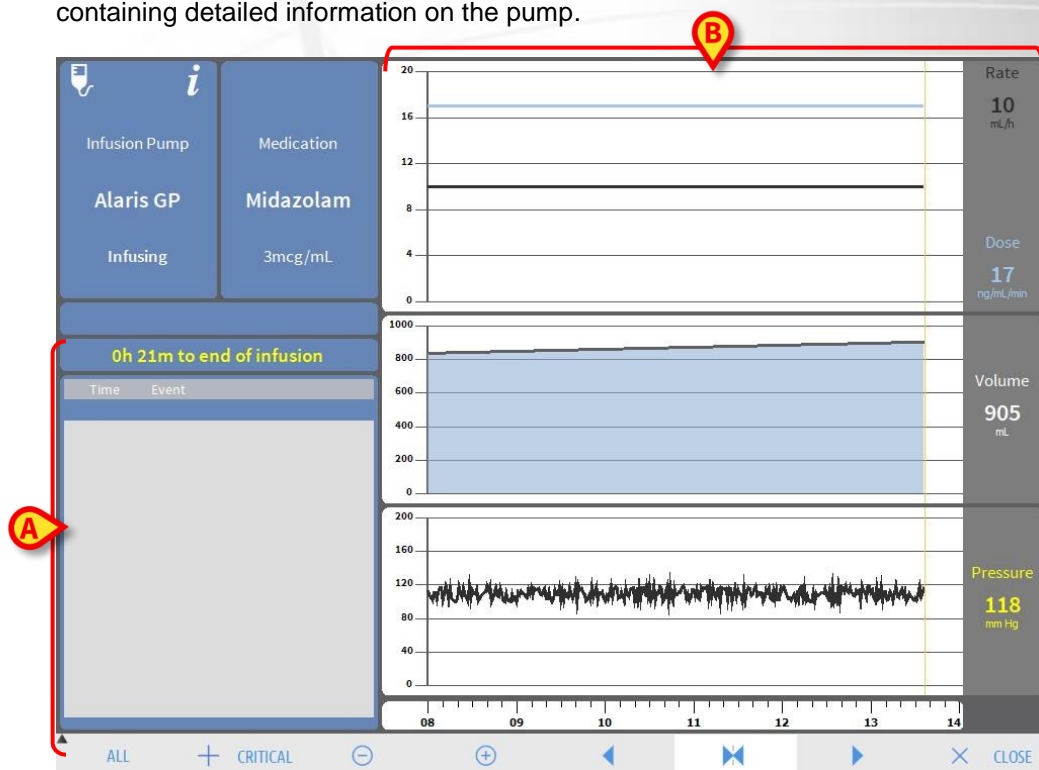
The notification area can be, by configuration:

- Always visible.
- Automatically displayed when a new notification arrives.
- Only visible after user click on the **Notification** button on “Control Bar”.

The different notifications are displayed in chronological order, (most recent on top) and by criticality.

◆ Pump detail

On the “Patient station” screen, click one of the pump buttons to display a screen containing detailed information on the pump.



On the left, a list of all the events occurred on the selected pump is displayed (A). On the right, three charts are displayed, representing some of the trends of the current infusion parameters: rate, dose, volume, pressure (B).

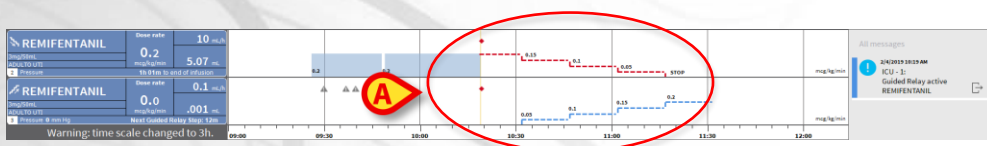
◆ Guided Relay Process

The “Guided Relay” feature is designed to support clinicians in transitioning continuous infusion of critical drugs which come to end and need to be changed with as minor an impact as possible in blood’s drug concentration.

This task is accomplished by pre-setting a gradual change of syringe, with one syringe gradually diminishing the infusion dose rate and another syringe (infusing the same drug at the same time) gradually increasing the infusion dose rate.

The dose rate changes (defined as “steps”) must be performed on the pump by the nursing staff. Alaris™ Infusion Central provides a series of reminders that can be of aid in deciding the time and amount of the dose rate changes in the two syringes. If the Alaris™ Infusion Central notifications are ignored, the Guided Relay process is automatically aborted.

When the Guided Relay process is set up, the infusion charts change according to the specified Guided Relay settings (see figure below).



Each step of the process is displayed on the chart, on the right of the yellow now-bar. The required changes to the dose rate are indicated for each step (A). See the Alaris™ Infusion Central user manual for the Guided Relay setup procedure.

Smart Monitor

The Smart Monitor module displays on a single grid all the medical devices that are currently configured within the specific Alaris™ Infusion Central installation. If the device is associated to a patient, then patient information is displayed as well (patient name, bed etc...). Other information is displayed according to the configuration choices of the healthcare organization using the Product. The following figure shows an example.

Location	Bed	Patient	Alarm	G	Device Name	Serial Number	Drug Name	Volume Rate	Pressure	Time Remaining	Identity
ICU	1	PATIENT01, TEST01 01			Alaris GW	4444		7 mL/h	39 mm Hg	06:03:00	
					Alaris GH_G	8002-47524		30 mL/h		00:57:16	
	2	John, Smith JS			Alaris CC	8003-50739		1,2 mL/h	0 mm Hg	11:16:24	
					Alaris GP	1350-22723		3,6 mL/h	0 aU		
					Alaris GH_G	8002-62871		0 mL/h	2 aU		
					Alaris PK	8005-05759	Alfentanil	6,91 mL/h		05:27:19	
					Alaris GW	4445		7 mL/h	38 mm Hg	06:13:00	
					Alaris GH_G	8002-47525		30 mL/h		00:04:06	
	3	John, Brown 03			Alaris CC	8003-50740		0,9 mL/h	0 mm Hg	15:15:07	
					Alaris GP	1350-22724		3,6 mL/h	0 aU		
					Alaris GH_G	8002-62872		9 mL/h		02:24:07	
					Alaris PK	8005-05760	Alfentanil	8,7 mL/h		04:28:11	
					Alaris GW	4446		7 mL/h	39 mm Hg	06:13:00	
					Alaris GH_G	8002-47526		30 mL/h		00:04:11	
	4	John, Doe JD			Alaris CC	8003-50741		0,9 mL/h	0 mm Hg	15:15:12	
					Alaris GP	1350-22725		3,6 mL/h	0 aU		
					Alaris GH_G	8002-62873		9 mL/h		02:24:07	
					Alaris PK	8005-05761	Alfentanil	8,57 mL/h		04:32:11	
				Alaris GW	4447		7 mL/h	39 mm Hg	06:13:00		
				Alaris GH_G	8002-47527		30 mL/h		00:04:11		
5	PATIENT05, TEST05 05				Alaris CC	8003-50742		0,9 mL/h	0 mm Hg	15:15:12	

SMART MONITOR

Scroll Up

Scroll Down

Clear Filters

Assign

Each row corresponds to a device. The heading of each column indicates the kind of information displayed.

The icon makes it possible to sort and filter the grid content.

The **Identity** column (last on the right) indicates if the device is already associated with a patient or not.

The icon indicates that the device is not associated to a patient. If the row is selected, an **Assign** button is displayed on the command bar. Click the button to associate the device with a patient.

The icon indicates that the device is already associated to a patient. If the row is selected, an **Unassign** button is displayed on the command bar. Click the button to disassociate.

If the icon is not present, the device cannot be associated/disassociated using the Identity module. The Alaris™ Infusion Central configuration application shall be used instead.

Identity

The Identity module makes it possible to associate/disassociate devices to patients both on desktop and on handheld devices.

◆ Identity desktop

To access the Identity module on desktop workstations:

- Click the  icon.

The following screen is displayed.



Two tabs, indicated in **A**, allow to select either the list of Assigned Devices or the list of Unassigned Devices. Default is “Unassigned”.

Association procedure

To associate a device to a patient,

1. Click the “Unassigned Devices” button (if not selected already).

The list of not associated devices is this way displayed. Each row corresponds to a device.

2. Find the device to be associated. A search tool is available (**B**).

On the row corresponding to the wanted device,

3. Click the **Assign** button on the right (**C**).

A screen opens, requiring to select the patient to whom the device will be associated.

4. Use the available drop down lists to select the patient.

The selected patient and selected device data is displayed on screen.

5. Check data.

Then, If data is correct:

6. click the **Assign** button.

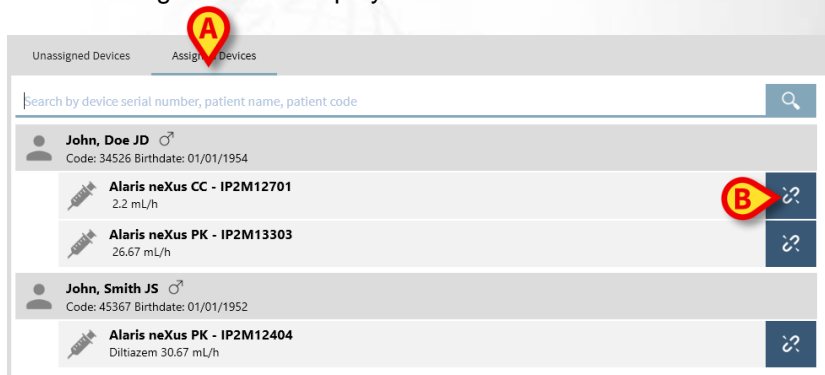
The device-patient association is this way completed.

Disassociation procedure


To detach a device from a patient:

1. Access the “Identity” module.
2. Select the **Assigned Devices** tab (A).

The following content is displayed.



Dark-grey rows refer to patients. Light-grey rows refer to devices. All the devices associated to a patient are listed below the patient name.

3. Find the row corresponding to the device to be detached.
4. Click the  button (B).

A window opens, requesting user confirmation.

5. Click **Detach** to complete the procedure

◆ Identity mobile

The Identity module is also available as application on handheld devices.

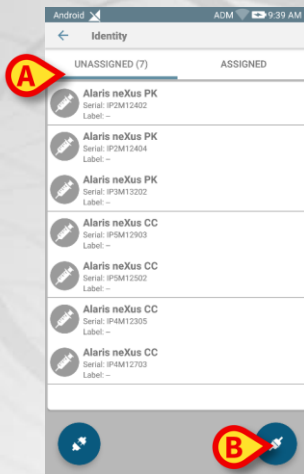
To access the application:

1. Tap the  icon.

The Alaris™ Infusion Central Mobile launcher home page is displayed.

2. Tap the row corresponding to the Identity module.


The following screen is displayed.



Two buttons (A), allow to display either the list of Assigned Devices or the list of Unassigned Devices. Default is “Unassigned”.

Association procedure

To associate a patient and a device

1. Tap the association icon  indicated in B.
2. scan the patient barcode/NFC tag (depending on the configuration in use).

Patient data is displayed.

3. Confirm patient data.
4. Scan the device barcode/NFC tag (depending on the configuration in use).

Device data is displayed.

5. Confirm device data.

The association procedure is this way completed.

Disassociation procedure


To disassociate a device from a patient on a handheld device.

1. Select the **Assigned** tab (A).

The following content is displayed.



White rows refer to patients (B). Grey rows refer to devices (C).
All the devices associated to a patient are listed below the patient name.

2. Find the row corresponding to the device to be disassociated.
3. Tap the  button on the right (D).
4. Confirm the disassociation.

Barcode/NFC tag scan functionality is also available to find the device to be disassociated. To access this functionality

1. Tap the  icon (E).
2. Scan the device barcode/NFC tag (depending on the configuration in use).

Device data is displayed.

3. Confirm the disassociation.

The disassociation procedure is this way completed.

Devices management

◆ Add a new device

On the “Invasive Device Management” module, to add a new device

1. Under DEVICE, click **Add** on the command bar (A).



The following screen is displayed.

ADD NEW DEVICE

Device: +

Site: +

Max days:

Activity: +

Date Time:

Operator: +

Notes:

2. Specify the data of the new device (B).
3. Click **Ok** (C).

◆ Add a new nursing activity

1. Click, on the devices table of the “Invasive Device Management” module, the row corresponding to the device to which the nursing activity refers (A).

JOHN

Code: 1111, Birthdate: 07/09/1989, Age: 29 years, Sex: male
Admission date: 11/09/2018, Days from admission: 132

LIST OF VASCULAR ACCESS DEVICES

Device (site)	Days (max)	Date Time (elapsed)	Operator	Activity (notes)
Device 1 (Site 1)	0 (3)	2019-01-21 01:50 (0 h)	ADMIN	Insertion (Notes on device)
Device 2 (Site 2)	0 (1)	2019-01-21 01:52 (0 h)	ADMIN	Present at admission
Device 3 (Site 3)	1 (3)	2019-01-20 12:55 (1 h)	NURSE 1	Insertion (Note)

COMMAND BAR: + Add Edit X Remove + Add Edit Filter All InSitu Rem... Print Expand

2. Under NURSING, click **Add** on the command bar (B).

The following screen is displayed.

ADD NEW NURSING

Device: Device 2

Site: Site 2

Max days: 1

Activity: Activity x

Date Time: 21/01/2019 13:58

Operator: ADMIN

Notes:

COMMAND BAR: X Remove Ok Cancel

3. specify the data of the new nursing activity (C).
4. Click **Ok** (D).

“Fluid Balance” module

◆ Entering data in the fluid balance

1. Select the “Fluid Balance” module.
2. Click **New** on the command bar (A).



The following screen is displayed.

3. Select the Input/Output parameter (B).
4. Enter the parameter value (C).
5. Repeat step 3 and 4 for all the values to be entered.
6. Click **Save** to confirm (D).

System procedures

◆ Quit Alaris™ Infusion Central

To exit from Alaris™ Infusion Central

1. click the **Menu** button on “Control bar” (A). The Alaris™ Infusion Central main menu opens.



2. Click **QUIT** on the menu. Another menu opens.
3. Click **QUIT AIC** to exit. Click **SHUT DOWN AND RESTART** to exit from Alaris™ Infusion Central and restart the workstation.

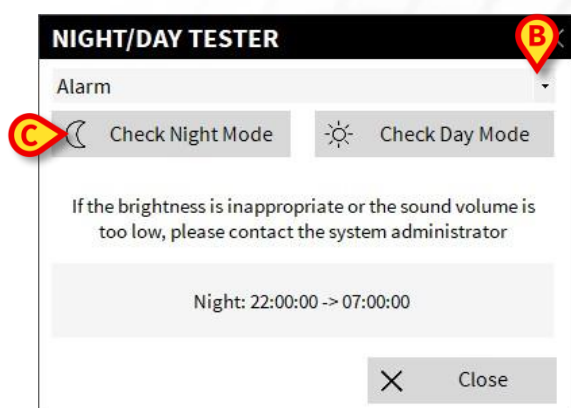
◆ Check sound and brightness

To check the functionality and level of sound and brightness during the night and day use the following procedure.

1. click the **Menu** button on “Control bar” (A). The Alaris™ Infusion Central main menu opens.



2. Click **SYSTEM CONFIGURATION**. Another menu opens.
3. Click **NIGHT/DAY TESTER**. A specific test window opens.
4. Select, on the drop-down menu indicated in the figure (B), the kind of notification to be tested.
5. Click **Check Night Mode** and **Check Day Mode** (C) to check sound and brightness in both modes.



In case brightness and/or sound are inappropriate please contact the system administrators to correct them.

System unavailability

If, during start up, there are problems connecting with the server, the system provides a specific “System recovery” window.

The connection problem sometimes is automatically solved after a short time. If not, please contact Ascom UMS/Distributors technical assistance. See page 27 for Ascom UMS/Distributors contacts.

Cases exist, rare but possible, in which it is physically impossible to use the Alaris™ Infusion Central system.

The healthcare organization using Alaris™ Infusion Central should define an emergency procedure to face this kind of events and to:

- 1) allow the hospital departments to be operative again;
- 2) restore the system availability as soon as possible.

Ascom UMS can provide support and assistance for the emergency procedure, but the healthcare organization is responsible for the procedure definition and execution.

The contacts list is on page 27.

Alaris™ Infusion Central user manual

The Alaris™ Infusion Central system user manual is provided with the Product. It can be displayed in digital format within the Alaris™ Infusion Central application. To access the user manual:

- Click the **Help** button on the command bar (A).



A screen opens, making it possible to access the Alaris™ Infusion Central user manuals. The on line documentation is in PDF format.

On line update of the user manual

The Alaris™ Infusion Central user manual can also be downloaded from the internet. Every Alaris™ Infusion Central customer can access a protected area on which all the existing versions of the manuals are present. The user can this way check if an updated version of their manual exists.

To download the Alaris™ Infusion Central manuals, type the following address on your web browser address bar:

<https://confluence.ascom-ws.com/display/DIG/Alaris+Infusion+Central>

A welcome page is displayed. Enter username and password to access the User Manuals list.

Username – User name provided by Ascom UMS/Distributor

Password – Password provided by Ascom UMS /Distributor

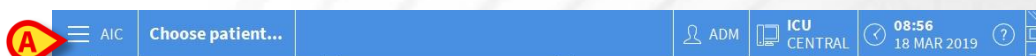
Printed user manual

The customer can request a printed version of the user manuals of the purchased Products. Ascom UMS/Distributors will provide the requested manuals as soon as possible. The request must be forwarded to the technical assistance. See “Contacts” section.

How to display the Alaris™ Infusion Central about box

To display the Alaris™ Infusion Central about box

- Click the **Menu** button on “Control bar”



- Click **ABOUT**. The Alaris™ Infusion Central about box is displayed.

The actual labeling is the ‘About Box’ displayed on the client workstations and mobile devices where the Product is installed.

Contacts

BD contacts

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Australia	Freephone: 1 800 656 100	AUS_customerservice@bd.com
België	+32(0)53 720 556	info.benelux@bd.com
Canada	+1 800 387 8309	CanadaCapital@carefusion.com .
Danmark	+45 43 43 45 66	bddenmark@bd.com
Deutschland	+49 622 1305 558	GMB-DE-CustService-Alaris@bd.com
España	+34 902 555 660	info.spain@carefusion.com
France	+33 (0) 1 30 02 81 41	mms_infusion@bd.com
Italia	+39 02 48 24 01	customer.service-italy@bd.com
Magyarország	(36) 1 488 0233	info.cfn.export@bd.com
Nederland	+31(0)20 582 94 20	info.benelux@bd.com
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