



# **MDI Web For Telligence User Manual**

**Version 7.0**

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# 1. “MDI Web” and Product Web environment



*For information about the Product environment, precautions, warnings and intended use see USR ENG Digistat Care (for the Digistat Suite EU) or USR ENG Digistat Suite NA (for Digistat Suite NA). The knowledge and understanding of the appropriate document are mandatory for a correct and safe use of MDI Web, described in this document.*

## 1.1 Introduction

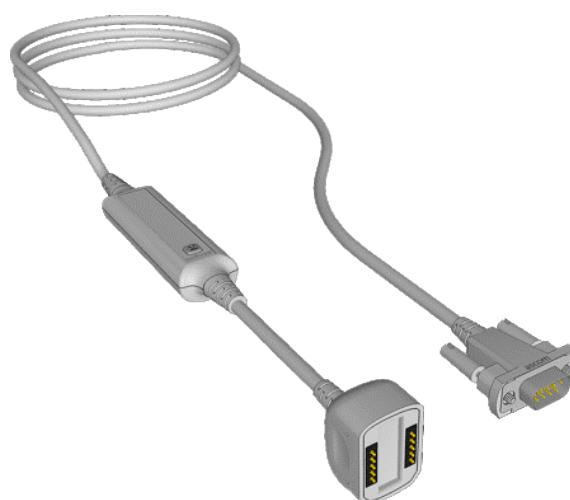
The present User Manual describes the features and functions of the “MDI Web” application.

The “MDI Web” application is intended to monitor the connection status of the Medical Devices to the NUMDI2ports of the Telligence Nurse Call System.



**Fig 1 - Ascom Telligence Staff Station and NUMDI2ports**

Medical Devices are connected to the NUMDI2ports using a specific cable, the Ascom Smart Adapter. The Smart Adapter has a unique identifier in its memory, which allows the recognition of the cable itself: it is therefore possible to associate each Medical Device to a Smart Adapter.



**Fig 2 – Ascom Smart Adapter**

When the Smart Adapter of a Medical Device is connected to the NUMDI2port, the whole Ascom Solution automatically recognizes which Medical Device was connected to which NUMDI2port.

The connection status of the Medical Device (e.g. "connected and communicating", "searching", etc.) is shown in the MDI Web application."

## 1.2 Important Warnings



Refer to the user manuals of the Ascom Telligence Nurse Call System for details on the Telligence Staff Station and on the NUMDI2ports.

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In order to use MDI Web in a clinical environment, all the components of the system shall fulfill the applicable regulatory requirements

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**IMPORTANT!**

The "MDI Web" application presented in this User Manual is optimized for Ascom Telligence Staff Station and in general for devices with touch screen display panel and screen resolution 740x420.

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Only the native Telligence Staff Station browser is supported for use with MDI Web application.

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See document *USR ENG Digistat Care* (for the Digistat Suite EU) or *USR ENG Digistat Suite NA* (for Digistat Suite NA) for the Ascom Telligence supported version.

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## 2. Using “MDI Web”

### 2.1 Application start-up

To start the “MDI Web” application:

- Touch the corresponding icon on the device screen.

The “MDI Web” main screen will open (Fig 3).

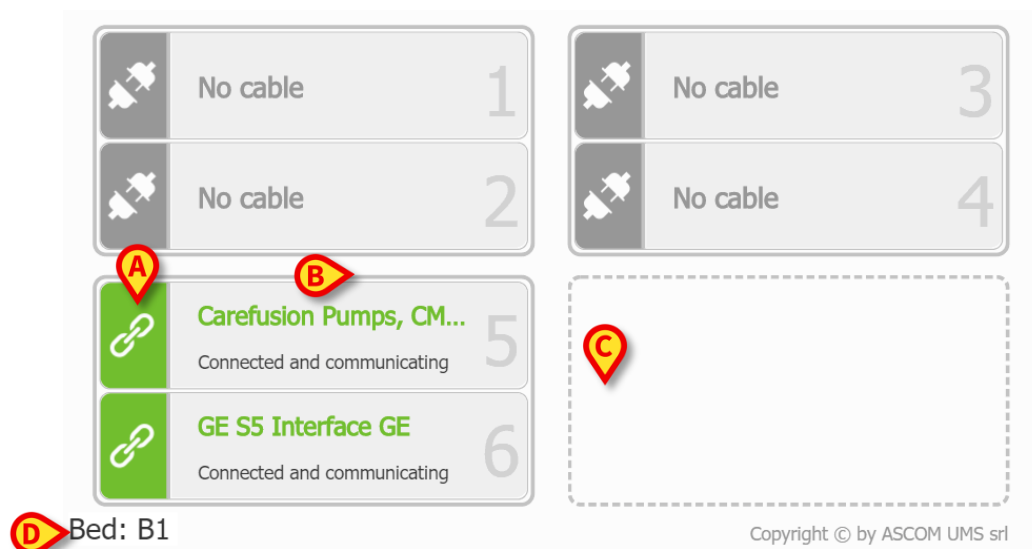


Fig 3

In the main screen of the MDI Web application, the NUMDI2 ports are represented in couples of tiles (Fig 3 A). The NUMDI2 App can be configured to show up to 8 NUMDI2 ports, which is the maximum number of NUMDI2 ports supported by a single Telligence Staff Station (Fig 3 B). In the configuration presented here, six ports are configured and thus the last couple is not shown (Fig 3 C).

For each port/cable, the following icon are possible: each of them corresponds to a specific status of port/cable connection.

Icon	Meaning
	Cable identified and Telligence waiting for data
	Cable identified and properly connected to port
	Cable identified and accidentally disconnected from port
	Cable disconnected (i.e. port with no cable)
	Cable not identified and properly connected to port

The color of icons is the same of the led related to the considered port of the Telligence Staff Station.

If the staff station is linked to only one bed, then the bed number is displayed in the lower left corner of the main screen, as in Fig 3 **D**.

In case of multi-bed, then the bed number is displayed on each tile, as indicated in Fig 4 **A**.

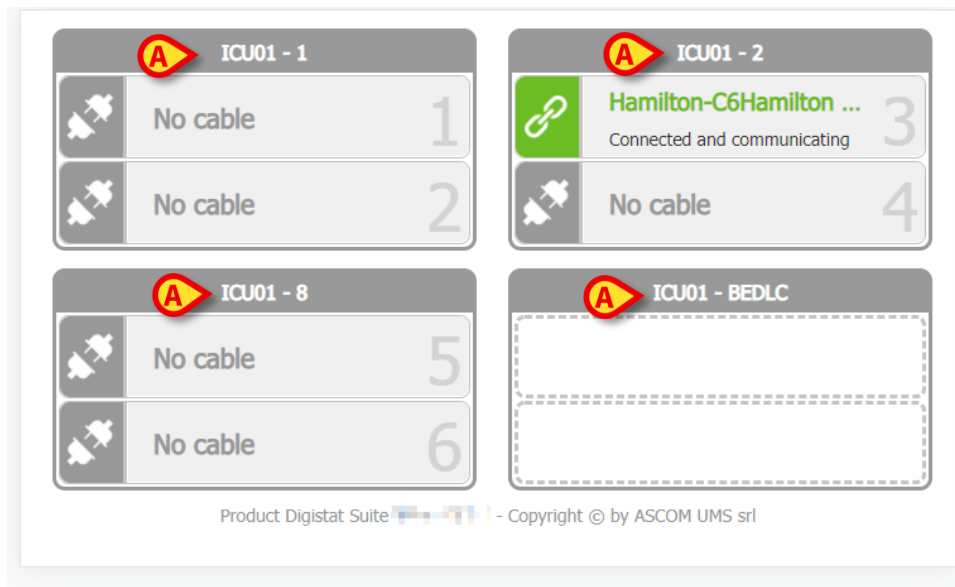


Fig 4

Copyright information is displayed below the tiles.

- Click the copyright label to display the "About Box" of the Product.

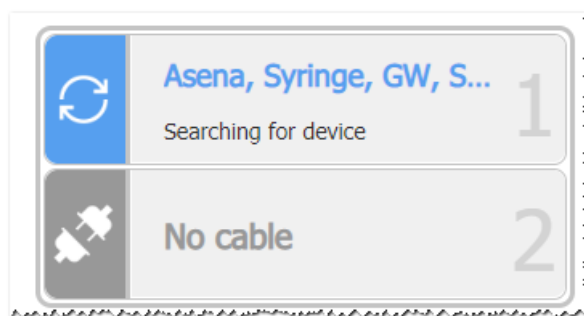
## 2.2 Cable Connection

Since a cable is connected to a free port of Telligence Staff Station, its cable identifier is read and compared with ones previously configured. The following two situations can happen:

- The cable is **identified** i.e. the cable was previously configured as associated to a specific device.
- The cable is **not identified** i.e. the cable was NOT previously configured as associated to a specific device.

### 2.2.1 Identified Cables

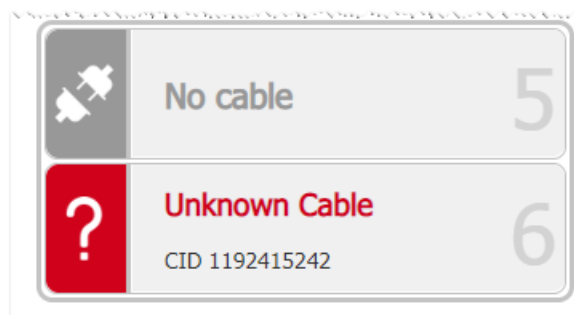
In case a cable previously associated to a device is connected to the Telligence Staff Station, the MDI Web App stands waiting to receive data from the device itself. It looks as follows:



Such aspect remains the same until data are received from the device. Just as example, if the device is turned off the aspect of MDI Web App will show the same icon until device is turned on. Once data are received, the aspect of MDI Web App will be the one presented above (Fig 3 A).

### 2.2.2 Unidentified Cables

In case a cable not associated to any device is connected to the Telligence Staff Station, the MDI Web application will be as follows:



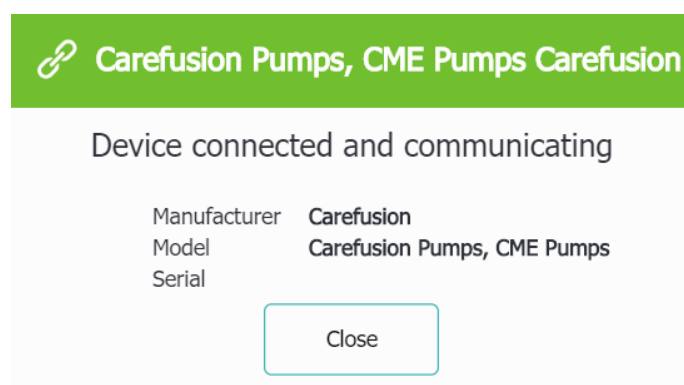
In the above picture, the label CID stands for "Cable Identifier".

## 2.3 Device Information

For each port, the MDI Web App shows the name of the configured device corresponding to the cable connected to the selected port. Moreover, in case the medical device is a pump, the dose main data just like rate or drug name are also displayed. To obtain further information on the device:

- Touch the port tile of interest.

The following dialog window opens.

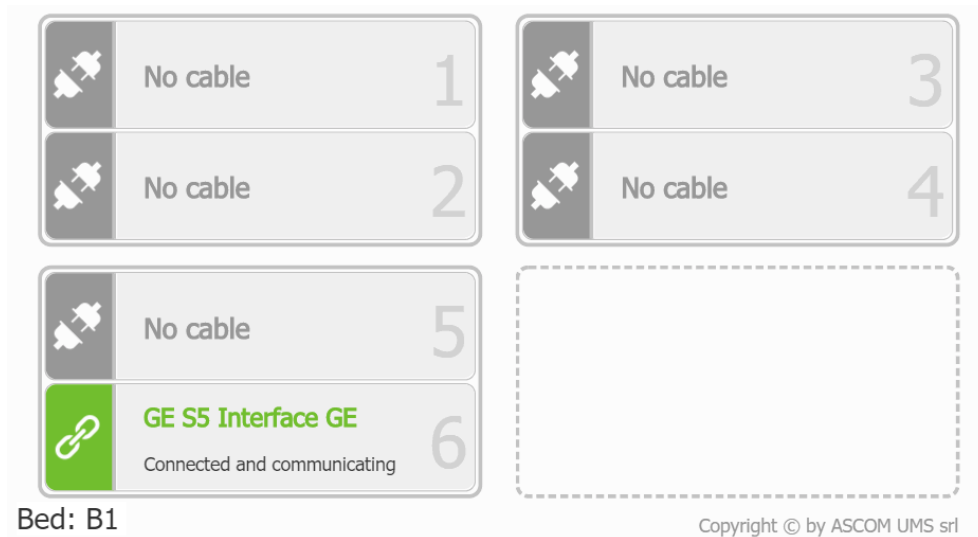


- Touch the **Close** button to close the dialog window.




## 2.4 Cable Disconnection

Each Ascom identified cable is equipped with a button: the user has to hold pressed the button and leave the magnetic connector from the Telligence Staff Station to disconnect the device corresponding to the cable. In this way, the cable is removed from MDI Web application interface:



It is however possible to disconnect the device/cable by only physically remove the magnetic connector from the Telligence Staff Station without pressing the disconnection button. The MDI Web application considers this situation as an "accidental disconnection". The MDI Web main screen becomes as follows:



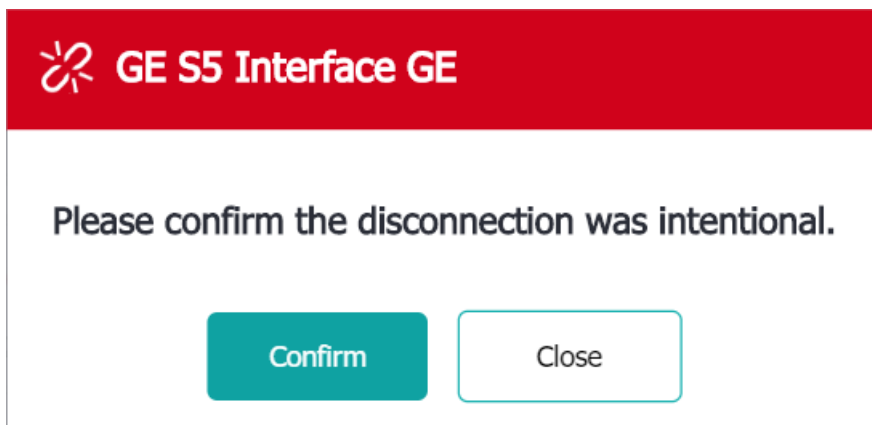
The tile corresponding to the port/cable accidentally disconnected results colored differently. Moreover, the specific icon  is also shown.

If the user re-connects the cable to the port accidentally disconnected, the MDI Web application main screen is restored at its previous aspect (Fig 3).

To confirm the disconnection of the cable (thus resulting "not accidental"):

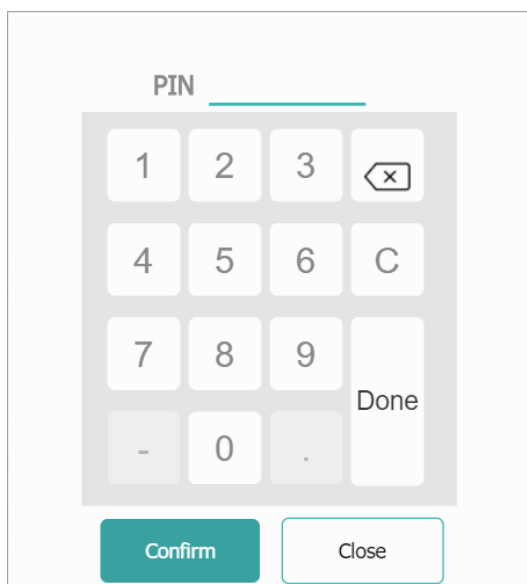
- Touch the port tile reporting the accidental disconnection;

The following dialog window is shown:



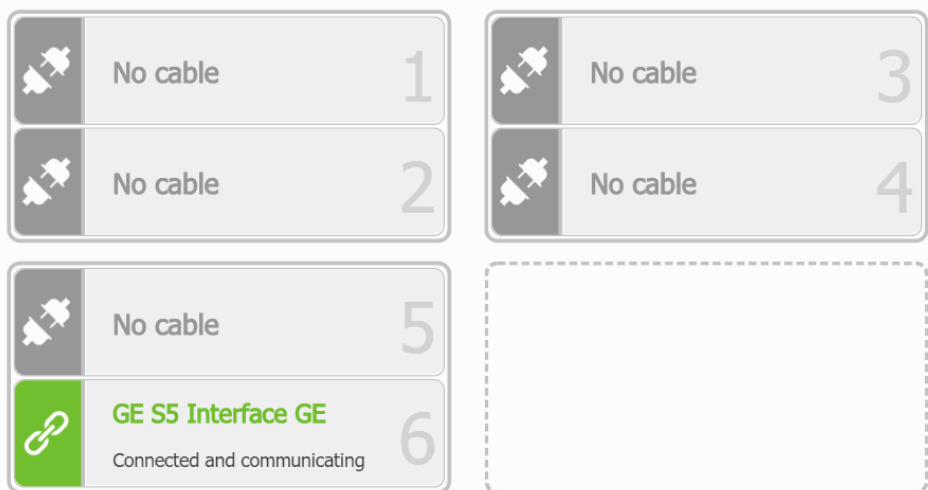
- Touch the **Confirm** button to confirm the cable disconnection.

The following window is shown, asking the user to insert a PIN code defined during user configuration stage:



- Insert the PIN code and press the **Confirm** button or alternatively the **Done** button.

The MDI Web application main screen shows as empty the port previously signaling the accidental disconnection.



Bed: B1

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