iBed® Vision

Quick Start Guide

REF 5212

Connected Hospital®

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Introduction

This manual assists you with the operation or maintenance of your Stryker product. Read this manual before operating or maintaining this product. Set methods and procedures to educate and train your staff on the safe operation or maintenance of this product.

Note - Stryker continually seeks advancements in product design and quality. This manual contains the most current product information available at the time. There may be minor discrepancies between your product and this manual. If you have any questions, contact Stryker Customer Service or Technical Support at 1-800-327-0770.

Contact information

Contact Stryker Customer Service or Technical Support at: 1-800-327-0770.

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Operation

Overview

***i*Bed**® Vision is an online notification interface of products (locations) placed within a medical unit aimed to help medical personnel monitor the status of wireless beds and patients allocated to them. Notifying is based on summary information and statuses displayed on the products. ***i*Bed** Vision provides a near real-time view of the room and product activity and a proactive set of alarms for intervention, if needed.

The information displayed on ***i*Bed** Vision is received from two main resources:

- Patient's EHR data received by the ***i*Bed** Vision server (data regarding discharging, admittance, fall risk information)
- Products (locations) themselves, which transmit information to ***i*Bed** Vision over Wi-Fi connection

Glossary

Term	Definition
Locations	Tiles on the ***i*Bed** Vision main screen that represent products connected via IR receivers installed in the rooms (see *Main screen* (page 3))
Location card	Product location view on ***i*Bed** Vision
Compliance rules	Specific configuration parameters for locations set up within a medical unit or within an ***i*Bed** Vision server by an administrator
RoomCare Server	A destination where patient data should reach from the hospital unit so that they can be displayed on ***i*Bed** Vision

Offline screen view

IMPORTANT!

If your screen looks like the below image, the system has lost connection to the server and all the location cards are greyed out to prevent ***i*Bed** Vision from providing misleading information (Figure 1).

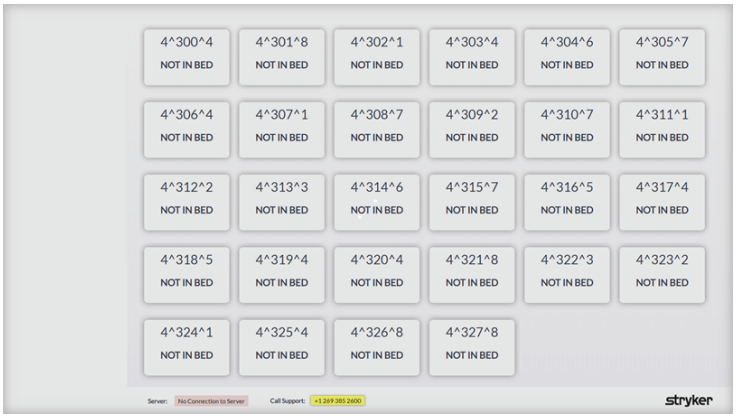


Figure 1 – Lost connection to server

Main screen

The system interface has a single main screen that displays information about a hospital unit and locations and products assigned to it (Figure 2).

Note

- If the main screen displays incorrect information for the unit or location, contact facility support (*Footer section* (page 8)) or Stryker technical support (*Contact information* (page 2)).
- If you cannot hear notification sounds, raise the volume of the TV.
- Check the display for proper operation.

Figure 2 – Main screen view

The main screen comprises three sections:

Figure 3 – Location card table section

Figure 4 – Unit summary section

Figure 5 – Footer section

Location card table section

The location card table section consists of a grid of unit location cards. Each card represents a certain product. The information on each of the cards is displayed as:

- Card colors - patient related information
- Text on a card - certain events detected by products
- Icons under a card - product state-related information

Location card view explained

The information below explains every visual state a location card may have. You may request color and text changes based on hospital configuration, requirements, and customization.

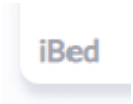
Card colors

Color	Explanation
	Flashing red card color (+BED EXIT text) Bed exit is armed on the patient's bed and Bed exit alarm is triggered – the patient has left the bed. The monitor produces sound alarm. This location requires urgent attention of nursing personnel.
	Red card color (+BED EXIT NOT ARMED text) Bed exit is not armed for patient with high fall risk profile. This location might require urgent attention of nursing personnel.
	Green card color The location is occupied by a patient with a low fall risk profile.
	Yellow card color The location is occupied by a patient with a high fall risk profile.
	Grey card color The location is not assigned; no EHR data.
	Grey main screen, all cards greyed out ***i*Bed** Vision has lost connection with the server. The corresponding message is displayed at the bottom of the main screen along with the facility support phone number highlighted in yellow (see *Offline screen view* (page 3)).
	White card color The location is not assigned; no EHR data.

Text on a card

Text	Explanation
BED EXIT	This text is displayed on a flashing red background card color. Bed exit is armed on the patient's bed and the Bed exit alarm is triggered – the patient has left the bed. The monitor produces a sound alarm. This location requires urgent attention of nursing personnel.
BED EXIT NOT ARMED	Bed exit is not armed for patient with high fall risk profile. This location might require urgent attention of nursing personnel.
NOT IN BED	The patient has left the bed. This location might require urgent attention of nursing personnel.
VIOLATION	The product current settings do not comply with the bed compliance rules set on the bed itself. This location requires attention of nursing personnel in order to reconfigure the smart bed.

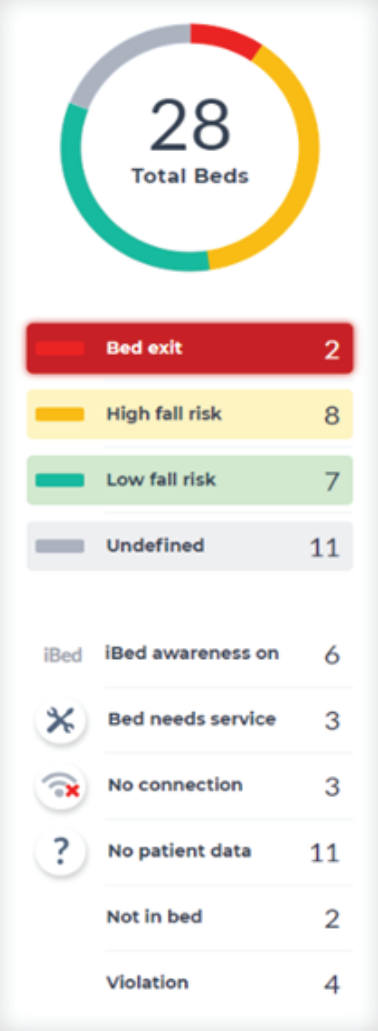
Icons on a card

Icon	Explanation
	Product unplugged or not connected to Wi-Fi in this location
	No EHR information (patient discharged or no EHR data sent to the server yet)
	The location reports a device error and requires service
	Product ***i*Bed** Awareness system is turned on in this location

Unit summary information section

This is the left section of the ***i*Bed** Vision main screen that displays real-time summary with counters of locations grouped according to certain states (Figure 6). For example, nursing personnel can see how many beds are currently not occupied or require service.

Note - If the summary section is not visible on the main screen, the system is not connected to the server.



- A donut chart with the statistics according to the location states (includes the next 4 points of the summary list below) and a counter of the total number of unit locations
- A list with counters based on color related location card states
- A list with counters based on icon and text related location card states

Figure 6 – Summary information

Unit summary view explained

List point	Explanation
Bed exit 2	Number of locations where Bed exit is armed on the patient's bed and the Bed exit alarm is triggered – the patient has left the bed. The monitor produces a sound alarm. These locations require urgent attention of nursing personnel.
High fall risk 6	Number of locations occupied by patients with a high fall risk profile
Low fall risk 5	Number of locations occupied by patients with a low fall risk profile
Undefined 11	Number of locations that are not occupied or have no patient's EHR data

List point	Explanation
iBed awareness on 5	Number of locations where the product's ***i*Bed** Awareness System is turned on. These locations require attention of nursing personnel in order to reconfigure the smart beds.
Bed needs service 1	Number of locations that report a device error and require service
No connection 3	Number of locations with no Wi-Fi connection
No patient data 2	Number of locations with no patient's EHR data
Not in bed 2	Number of locations where the patient has left the bed. These locations might require urgent attention of nursing personnel in case the location card color is yellow (patient has a high fall risk profile) or white (patient's EHR has not reached the server yet, so fall risk profile is not yet shown via ***i*Bed** Vision).
Violation 2	Number of locations where the current product settings do not comply with the bed compliance rules set on the beds themselves. These locations require attention of nursing personnel in order to reconfigure the smart beds.

Footer section

The footer section shows connection status and facility support phone number.

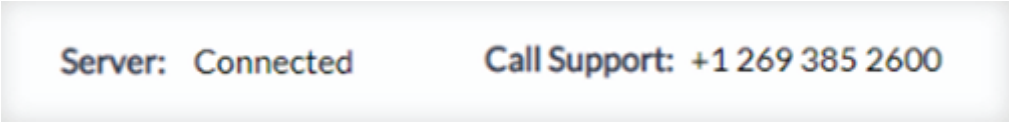


Figure 7 – Connected example

In case of connection loss with the server, the connection status will be "No Connection to Server" and the facility support number will be highlighted with a yellow color.

Figure 8 – No connection example

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