



iBed® Platform v2.8

Configuration Manual

REF 5212

Connected Hospital®

Table of Contents

- Introduction2
 - Contact information2
 - System requirements and recommendations.....2
- Configuring iBed Platform.....4
 - Changing the admin account settings4
 - Creating a unit5
 - Editing a unit6
 - Deleting a unit6
 - TV Units dashboard6
 - Importing locations.....6
 - Assigning a location to a unit.....7
 - Editing a location within a unit.....7
 - Unassigning a location from a unit8
 - Deleting a location8
 - Creating a TV client.....8
 - Deleting a TV client9
 - Resetting a TV client password.....9
 - Editing a TV client.....10
 - Viewing or editing platform settings10
 - Security.....12

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.

Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA

E-mail: medicaliBedWirelessSupport@stryker.com

System requirements and recommendations

Note

- If minimum system requirements are not met, system performance will be impacted.
- Apply relevant software updates and patches.

Server hardware (virtual machine or dedicated server):

Minimum requirements for the iBed® Platform hardware is dependent on the number of beds connected to the system.

1 - 500 connected beds:

- 2.x GHz processor or higher with a total of 4 cores
- Memory: 32 GB RAM
- Hard Drive: 300 GB

501 - 1000 connected beds:

- 2.x GHz processor or higher with a total of 8 cores
- Memory: 64 GB RAM
- Hard Drive: 300 GB

Dashboard (client):

- At least one (1) HD television at nurse station that is either:
 - Connected to PC or Smart TV (with **Google Chrome™**)
 - **Google Chrome** v.106 (or higher)
 - Optimized screen resolution from 1920 x 1080 - 3140 x 2160

To make sure your network is secure, Stryker recommends the following:

- Anti-virus/malware protection
- Close unused network ports

- Disable unused services
- Manage access to system/network infrastructure
- Monitor network activity for irregularities

Configuring iBed Platform

After initial setup, you have access to these **Admin tools**:

- **Unit management** (*Creating a unit* (page 5))
- **TV Units dashboard** (*TV Units dashboard* (page 6))
- **Location management** (*Importing locations* (page 6))
- **TV client management** (*Creating a TV client* (page 8))
- **Settings** (*Viewing or editing platform settings* (page 10))

Note - Make sure that you test unit functions after initial setup.

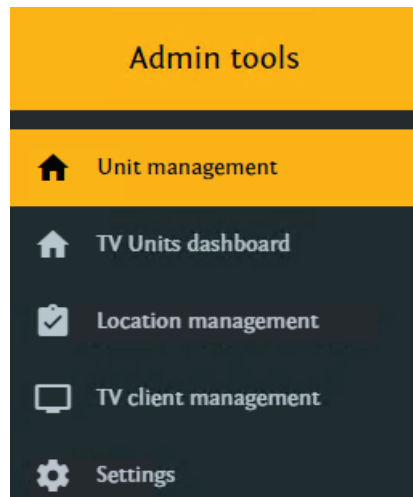


Figure 1 – iBed Platform

Changing the admin account settings

The admin account is a preconfigured system account for product configuration. You can change the password for the admin account.

You can locate the admin account settings in the application installation directory of the **appsettings.json** file.

To change the password:

1. Go to the hasher folder **C:\Program Files\Stryker RoomCare Platform\AdminPasswordHasher** (default location, may vary).
2. Double click **Stryker.RoomCare.AdminPasswordHasher.exe** to run the .exe.
3. Follow the prompts in the application window to change the password (Figure 2).

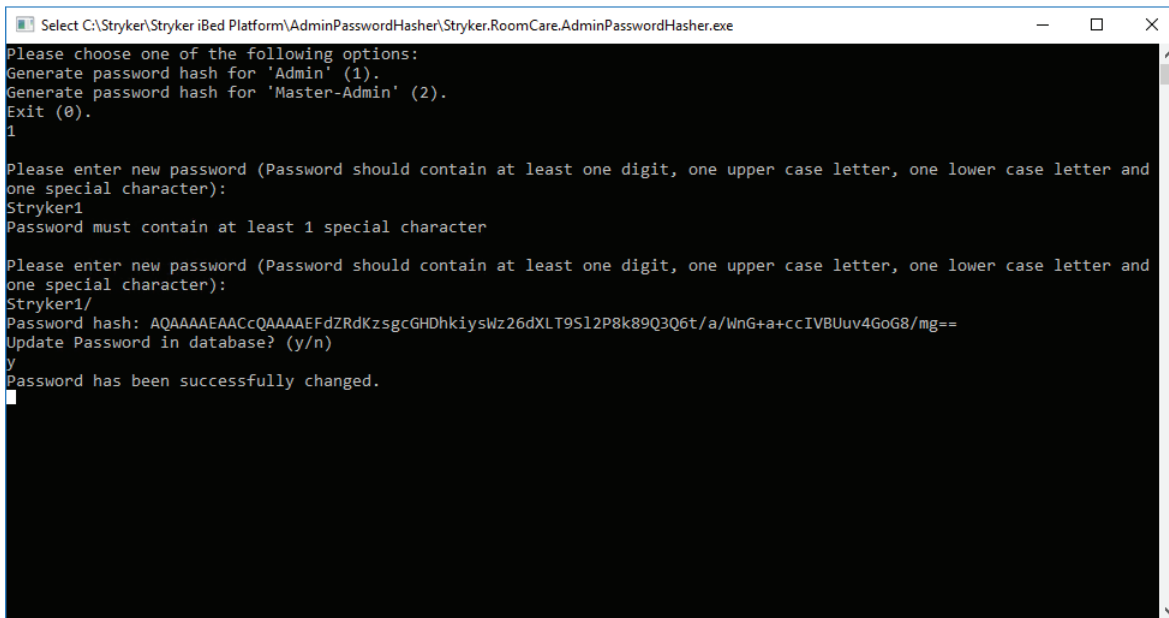


Figure 2 – Password change prompts

Creating a unit

Units can represent a wing or floor of the facility. Units are required to assign locations (bed/room locations) and TV clients.

To create a unit:

1. Login to the **iBed Platform** with your username and password at <https://FQDN/login> (FQDN = Fully Qualified Domain Name) of the server hosting Vision (Figure 3).

iBed Platform

Username

Password

Login

Figure 3 – iBed Platform login

2. Select the **Unit management** tab (*Configuring iBed Platform* (page 4)).
3. Click **New unit** (A, Figure 4).

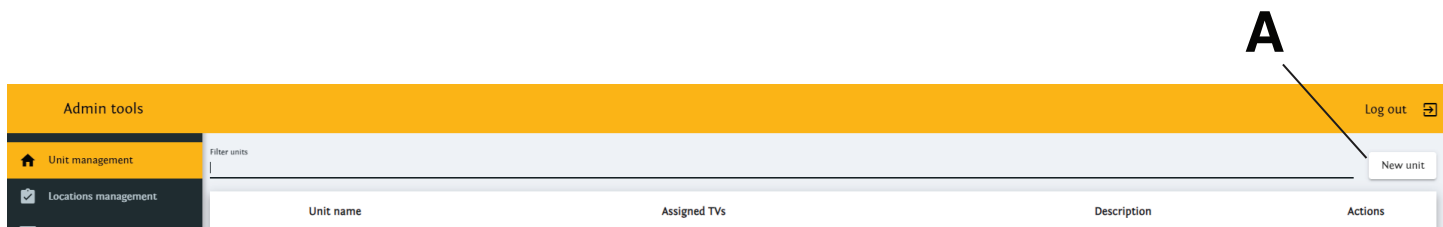


Figure 4 – New unit

4. In the **Create new unit** window, enter the **Unit display name**, **Unit description**, and **Unit Type**.
5. Select **Sort Locations by Alias on Tv**.
6. Click **Create**.

Note - The new unit appears in the **Unit management** tab.

Editing a unit

To edit a unit:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Unit management** tab (*Configuring iBed Platform* (page 4)).
3. From the unit list, click the pencil  icon next to the unit you want to edit.
4. Click the yellow **Edit unit** header to expand unit information.
5. Enter edits in the **Edit unit** window.
6. Click **Save**.

Deleting a unit

To delete a unit:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Unit management** tab (*Configuring iBed Platform* (page 4)).
3. From the unit list, click the trash can  icon of the unit you want to delete.

Note - You must first unassign any TVs from the unit you want to delete (*Unassigning a location from a unit* (page 8)).

4. In the **Delete unit** pop-up, click **Yes** to confirm.

TV Units dashboard

The TV Units dashboard allows you to view any current dashboard from the admin screen.

To view the dashboard:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **TV Units dashboard** tab (*Configuring iBed Platform* (page 4)).
3. Click the **Units** dropdown and select the unit you want to view.

Importing locations

Locations are the beds/rooms that are assigned to units for supervision. The **iBed Server** imports locations.

Note - See the **iBed** Server Installation/Configuration Manual to update the bed/room locations list when you make equipment changes.

To import locations:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Location management** tab (*Configuring iBed Platform* (page 4)).
3. Select **Import locations**.
4. Click **Choose file**.
5. In the **Windows Explorer** pop-up, select the XML file and click **Open**.
6. Click **Import**.

Note - You can import up to 1500 locations.

The new location appears in the **Location management** tab.

Assigning a location to a unit

You must assign locations to a unit for supervision on the TV client (*Editing a TV client* (page 10)).

To assign a location to a unit:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Location management** tab (*Configuring iBed Platform* (page 4)).

Note - You must import locations before you can assign a location to a unit (*Importing locations* (page 6)).

3. Select **Target unit** (A), and choose the appropriate unit from the dropdown (Figure 5).
4. From the listed locations, select the check box(es) for the locations you want to add to the unit.
5. Click **Assign to unit** (B) to assign the selected locations (Figure 5).

Note - Enter search text on the **Filter locations** line to filter locations.

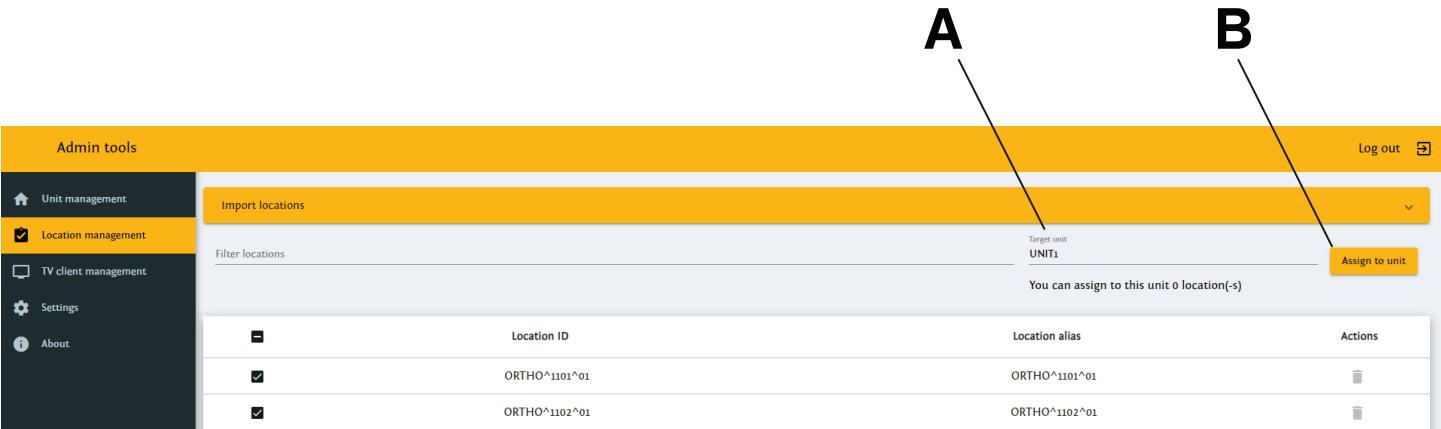


Figure 5 – Assign locations

Editing a location within a unit

To edit a location within a unit:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Unit management** tab (*Configuring iBed Platform* (page 4)).
3. From the unit list, click the pencil icon next to the location you want to edit.
4. Enter edits for **Location ID** and **Location alias**.

5. Click **Save**.

Unassigning a location from a unit

When a location changes, you may need to unassign the location from a unit.

To unassign a location from a unit:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Unit management** tab (*Configuring iBed Platform* (page 4)).
3. From the unit list, click the pencil  icon (A) of the unit you want to unassign locations from (Figure 6).
4. In the **Edit unit:** list, click the disconnect  icon (B) next to the location you want to unassign from the unit (Figure 6).
5. In the **Unassign location** pop-up, click **Yes** to confirm.

Note - The unassigned location appears in the **Location management** tab.

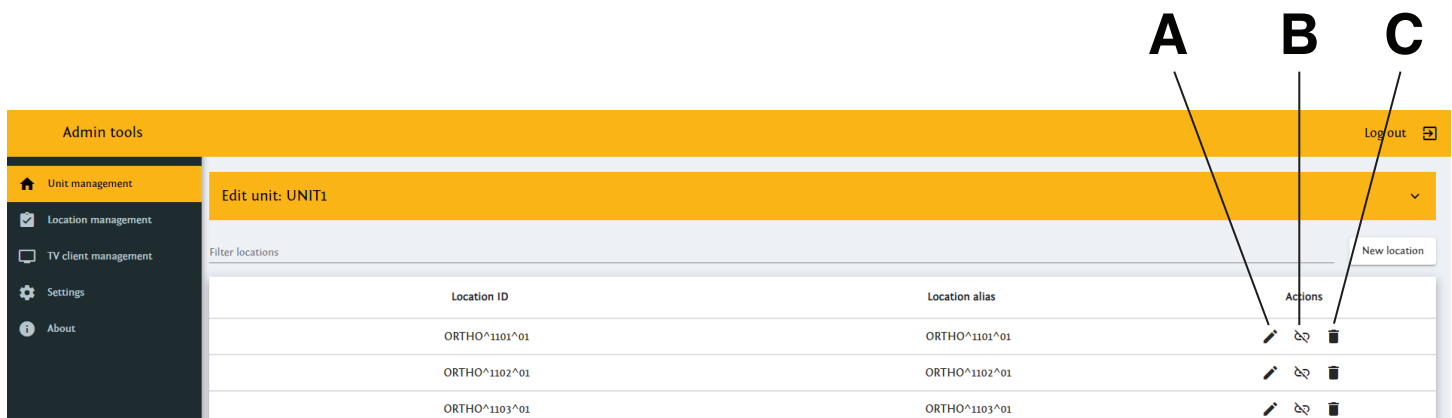


Figure 6 – Edit unit

Deleting a location

You can delete a location from either the **Unit management** tab or the **Location management** tab.

1. To delete a location from **Unit management**:
 - a. Login to the **iBed Platform** (Figure 3).
 - b. Select the **Unit management** tab (*Configuring iBed Platform* (page 4)).
 - c. From the unit list, click the pencil  icon (A) of the unit you want to delete locations from (Figure 6).
 - d. In the **Edit unit:** list, click the trash can  icon (C) next to the location you want to delete (Figure 6).
 - e. In the **Delete location** pop-up, click **Yes** to confirm.
2. To delete a location from **Location management**:
 - a. Login to the **iBed Platform** (Figure 3).
 - b. Select the **Location management** tab (*Configuring iBed Platform* (page 4)).
 - c. From the locations list, click the trash can  icon of the location you want to delete.
 - d. In the **Delete location** pop-up, click **Yes** to confirm.

Creating a TV client

Note - Stryker recommends using a LAN connection for the TV.

To create a TV client:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **TV client management** tab (*Configuring iBed Platform* (page 4)).

Note - You must create a unit before you can assign a TV client (*Creating a unit* (page 5)).

3. Click **New TV** (A) (Figure 7).
4. In the **New TV** window, enter the following:
 - **TV ID**: The TV username used to log into the **iBed** Platform dashboard
 - **Password**: Auto-generated or created manually
 - **Target unit**: Click the dropdown to select the desired unit
 - **Description**: User created description
5. Click **Create**.

Note - The new TV client appears in the **TV client management** tab.

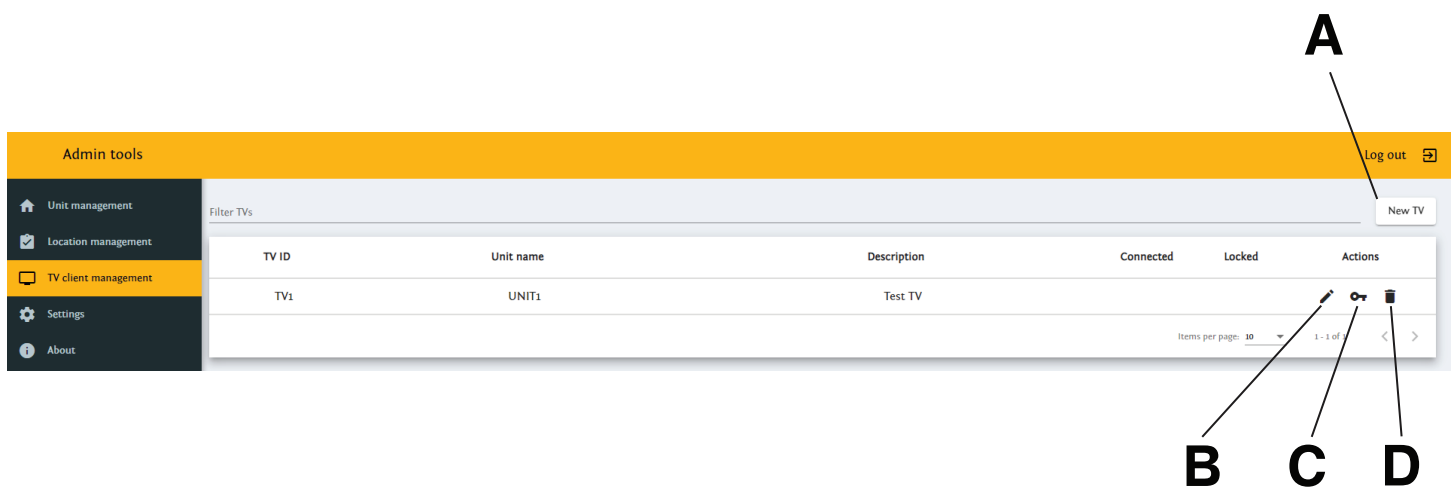


Figure 7 – TV client management

Deleting a TV client

To delete a TV client:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **TV client management** tab (*Configuring iBed Platform* (page 4)).
3. From the TV client list, click the trash can  icon (D) of the client you want to delete (Figure 7).
4. In the **Delete TV** pop-up, click **Yes** to confirm.

Resetting a TV client password

To reset a TV client password:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **TV client management** tab (*Configuring iBed Platform* (page 4)).
3. From the TV client list, click the key  icon (C) of the client you want to reset (Figure 7).
4. In the **Reset password for:** window, enter the new password.
5. Click **Reset**.

Note - When you change the TV client password, the system will not automatically log out of the TV client.

Note - To log out of the system, change the TV client password, lock the account, and then unlock the account (Figure 8). This will force anyone that is logged into the system to log out and they will need to login with the new password.

Figure 8 – Resetting TV client password

Editing a TV client

When you edit a TV client, you can change:

- **TV ID:** The TV username to log into the **iBed** Vision dashboard
- **Target unit:** Click the dropdown to select the desired unit
- **Description:** User created description
- **Locked:** Check to lock/unlock the TV client account

1. Login to the **iBed Platform** (Figure 3).
2. Select the **TV client management** tab (*Configuring iBed Platform* (page 4)).
3. From the TV client list, click the pencil  icon (B) of the client you want to edit (Figure 7).
4. In the **Edit TV** window, edit the client from the above options.
5. Click **Save**.

Viewing or editing platform settings

To view or edit the **iBed** Platform settings:

1. Login to the **iBed Platform** (Figure 3).
2. Select the **Settings** tab (*Configuring iBed Platform* (page 4)).
 - Select **SMTP settings** to view and test (A) the platform email configuration (Figure 9).

Admin tools Log out

Unit management
TV Units dashboard
Location management
TV client management
Settings
SMTP settings
Dashboard style settings

Select Authentication
Basic

Basic Email settings

From

To

Server URI

Port
0

User login

Password

Is SSL enabled
true

Send an email to the administrator when a user account is locked
true

Send test email

A

Figure 9 – SMTP settings

- Select **Dashboard style settings** to view the platform style configuration (Figure 10). You can configure dashboard styles globally or for individual monitors.

Admin tools Log out

Unit management
TV Units dashboard
Location management
TV client management
Settings
SMTP settings
Dashboard style settings

Path to the setting file
.dashboard-styles.json

Select TV Client
Global - Settings

Save Style Settings

Location style setting

Status ID	Status name	Text	Header background color	Header text color	Content color
0	No patient assigned and bed is empty		#F7F8F8	#CBCCCD	#374252
1	No patient assigned and patient in bed		#FFFFFF	#CBCCCD	#374252
2	No patient assigned and iBed violation detected	VIOLATION	#909193	#FFFFFF	#000000
3	No patient assigned and bed exit alarming	BED EXIT	#FF1700	#FFFFFF	#FFFFFF
10	Low Fall risk and patient in bed		#008671	#FFFFFF	#374252
11	Low Fall risk and iBed violation detected	VIOLATION	#008671	#FFFFFF	#374252
12	Low Fall risk and patient not in bed	Not In Bed	#008671	#FFFFFF	#B7B7B7
13	LowFallRiskBedExitNotArmed	Bed Exit Not Armed	#B70000	#FFFFFF	#FFFFFF
50	Medium Fall risk and patient in bed		#256EDB	#FFFFFF	#374252
51	Medium Fall risk and iBed violation detected	VIOLATION	#256EDB	#FFFFFF	#374252
52	Medium Fall risk and patient not in bed	Not In Bed	#256EDB	#FFFFFF	#B7B7B7
53	MediumFallRiskBedExitNotArmed	Bed Exit Not Armed	#B70000	#FFFFFF	#FFFFFF

Figure 10 – Dashboard style settings

- Select the desired scope from the **Select TV Client** dropdown list.
 - Double click to edit text fields.
 - Click the colored circle to change the color.
- Once changes have been made, **Save Style Settings** turns orange.

5. Click **Save Style Settings** to save new dashboard style settings.

Security

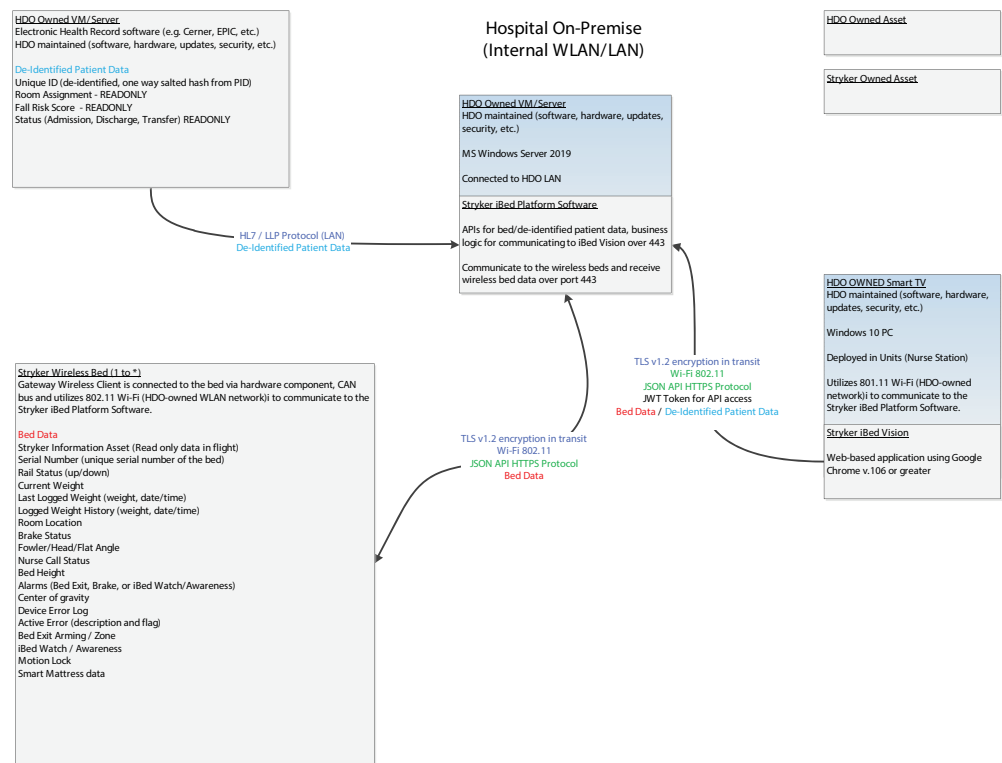


Figure 11 – Security block diagram



Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA