

Dear Valued Customer,

B. Braun Medical Inc. understands the significant demand on your resources during the COVID-19 crisis. With this in mind we are taking this opportunity to remind you that using the DoseTrac[®] Infusion Management Software Real-Time Alarm View on the nursing unit may assist with:

- Staff efficiency for prioritizing and addressing alarms
- Reducing Personal Protective Equipment (PPE) usage when addressing “VTBI Near End” or “VTBI End” alarms

The Real-Time Alarm View only lists pumps that are connected to the hospital network and in an alarm state. Included in this list is the occurring alarm detail and the infusion details. Alarm detail is circled in the image below.

Having this information in real-time may also help clinicians prioritize alarm management with other demands on their time, such as critical infusions or fluids versus a patient in urgent need of care.

Pump S/N	Pump Hospital Id	Pump Type	Mode	Care Unit	Drug Name	Concentration	Rate (ml/hr)	Dosage	Volume Infused	Syringe Volume Remaining	Time Left (Min)	Alarm
I000016	114016	Infusomat-LVP	DoseGrd	Oncology	Hydromorphone	1 mg/ml	0	1 mg/hr	2.45		1:53	Batt Empty
I000045	RM 1215	Infusomat-LVP	DoseGrd	Med Surg	Normal Saline 0.9%		3		250.12		0	KVO Mode
P000048	174048	Perfusor-Syringe	DoseGrd	PACU	Vecuronium	50 mg/ml	0		159.98	0		Syr Empty
P000058	300058	Perfusor-Syringe	DoseGrd	Critical Care	Normal Saline 0.9%		0		111.9	8.2		Down Occl
P000087	Rm 1351	Perfusor-Syringe	DoseGrd	Oncology	Gemcitabine		0		190	0		Syr Empty

Attached is a tip sheet for configuring the Real-Time Alarm View. Also, since pump location information is only available with an integration to the EMR or Real-Time Location System (RTLS) we have included a tip for using DoseTrac to manually track location during this challenging time.

We understand your challenges and will do whatever we can to support you during this critical time. For more information on DoseTrac, please contact B. Braun Customer Support at 800-627-PUMP (7867).

Wishing you strength and good health,

Mindy Lowe, Product Director, Infusion Software and Connectivity

Using DoseTrac® Infusion Management Software to Help Avoid Multiple PPE Usage

Clinicians can use DoseTrac Real-Time Alarm View or Real-Time Status View to see the type of alarm occurring on a pump prior to entering a patient's room. This may reduce the number of PPE changes necessary for some situations such as a "Bag Empty" alarm when a new bag is required.

Option 1:

DoseTrac Real-Time Alarm View sorted by S/N. Clinician will either need to know/track which room each pump is in.

1. From the Home Screen, choose DoseTrac Real-Time Alarm View:

DoseTrac® Infusion Management Software **B|BRAUN**
SHARING EXPERTISE

HOME SCHEDULED REPORTS CHANGE PASSWORD CONFIGURATION LOGOUT

View to Display: General - Sample Edit Views

Nurse: <All> Patient: <All> Drug: <All> Care unit: <All> Pump type: <All>

B|BRAUN DoseTrac Online DoseTrac Space Demo

Real-time Alarm View as of 03/20/2020 10:32:14

Building ▲	Floor	Room-Bed	Bed Id	Patient Id	Mode	Care Unit	Drug Name	Concentration	Rate (ml/hr)	Dosage	Time Left (Mins)	Alarm	Soft Min Limit	Soft Max Limit	Hard Max Limit	Patient Weight
BLDG1	2	140-1	BED_ID	P00090040	DoseGrd	Critical Care	Labetalol	1 mg/ml	3		0	KVO Mode				

Add Pump S/N and Alarm columns if not already present. Click on Edit Views to Add/Change the columns using check boxes and click Save. This is a good opportunity to also remove columns of less interest by unchecking the box.

View to Edit:

View Name:

Enable/Disable Fields for Display

Field Name		Field Name		Field Name	
Pump S/N	<input checked="" type="checkbox"/>	Nurse Id	<input type="checkbox"/>	Volume Infused	<input checked="" type="checkbox"/>
IP Address	<input type="checkbox"/>	Mode	<input checked="" type="checkbox"/>	Syringe Vol Remain	<input checked="" type="checkbox"/>
Pump Hospital Id	<input type="checkbox"/>	Pump Mode	<input type="checkbox"/>	Time Left (Mins)	<input checked="" type="checkbox"/>
Facility	<input type="checkbox"/>	Channel	<input type="checkbox"/>	Alarm	<input checked="" type="checkbox"/>
Building	<input type="checkbox"/>	Delivery Type	<input type="checkbox"/>	Soft Min Limit	<input type="checkbox"/>
Floor	<input type="checkbox"/>	Care Unit	<input checked="" type="checkbox"/>	Soft Max Limit	<input type="checkbox"/>
Point of Care	<input type="checkbox"/>	Drug Name	<input checked="" type="checkbox"/>	Hard Max Limit	<input type="checkbox"/>
Room-Bed	<input type="checkbox"/>	Concentration	<input checked="" type="checkbox"/>	Drug Library Id	<input type="checkbox"/>
Bed Id	<input type="checkbox"/>	Rate (ml/hr)	<input checked="" type="checkbox"/>	Patient Weight	<input type="checkbox"/>
Timestamp	<input type="checkbox"/>	Dosage	<input checked="" type="checkbox"/>	Battery Life	<input type="checkbox"/>
Pump Type	<input checked="" type="checkbox"/>	Limit	<input type="checkbox"/>	Power Source	<input type="checkbox"/>
Patient Id	<input type="checkbox"/>	Pgm VTBI	<input type="checkbox"/>	n/a	<input type="checkbox"/>

Wrap Column Contents to Fit:

Time Left Filter Threshold (clear to disable): (minutes)

Plan Ahead Tip:

Use DoseTrac **Real-Time Status View**, sorted by **Time Left**, to see how long before an infusion will end.

RTLS or EMR Integration Tip:

If pumps have a bidirectional communication with an RTLS/RFID system or are integrated with an EMR, use Edit Views to include pump location.

- Click on column header "Pump S/N" to sort by Serial number:

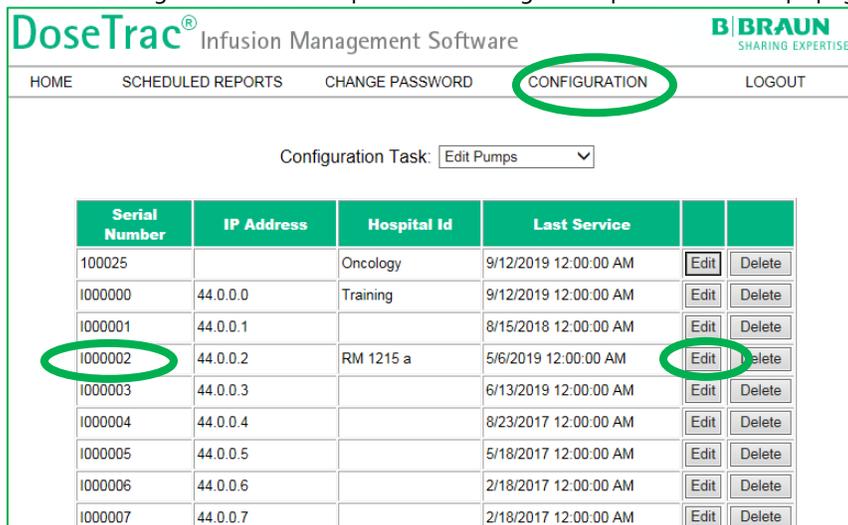
Real-time Alarm View as of 03/20/2020 10:44:16

Pump S/N ▲	Pump Type	Mode	Care Unit	Drug Name	Concentration	Rate (ml/hr)	Dosage	Volume Infused	Syringe Volume Remaining	Time Left (Mins)	Alarm
I000002	Infusomat-LVP	DoseGrd	Critical Care	DSW		344		986.99		3	VTBI Near End
I000045	Infusomat-LVP	Basic				3		250.29		0	KVO Mode
I000047	Infusomat-LVP	DoseGrd	Med Surg	DSW		0		222.53		221	Batt Empty
I000057	Infusomat-LVP	SecDsGrd	Oncology	DSW		0		205.63		201	Time Exp

Option 2:

Use Hospital ID field to manually associate a location with a serial number. This option only available if Clinical Engineering hasn't already used this field for an internal asset management ID.

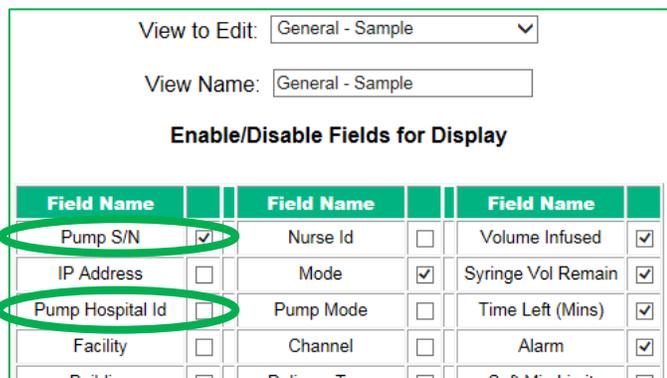
1. Click on Configuration on the top menu bar. Page will open to Edit Pumps page.



2. For the serial number you would like to assign a room to, click 'Edit', then type in the room information in the Hospital ID field, then click update.

Completed ID will look similar to the above S/N I000002 for Hospital Id. For the example I have typed RM for room, the room # 1215 and the letter a. This would be necessary if there is more than one pump in the room. DoseTrac will not allow you to put the exact Hospital ID for two different serial numbers. For a second pump, S/N I000017 I used RM 1215 b. Below is what this would look like in Real-Time Alarm View when the pumps alarm.

3. On Real-Time AlarmView, click on Edit Views to Add Pump Hospital Id, and click on Save to get the same view as above:



Real-time Alarm View as of 03/20/2020 10:57:36

Pump S/N	Pump Hospital Id	Pump Type	Mode	Care Unit	Drug Name	Concentration	Rate (ml/hr)	Dosage	Volume Infused	Syringe Volume Remaining	Time Left (Mins)	Alarm
I000002	RM 1215 a	Infusomat-LVP	DoseGrd	Critical Care	D5W		3		1001.44		0	KVO Mode
I000007	RM 1215 b	Infusomat-LVP	DoseGrd	PACU	Daptomycin	2.8 mg/ml	0	686.1 mg/hr	101.58		0	VTBI Infused
P00006	Rm 1351	Pulsor-Syringe	DoseGrd	PACU	Hydromorphone	1 mg/ml	1	1 mg/hr	10.01	10	599	KVO Mode