

# Hill-Rom® Connectivity Applications

Protecting Patients by Anticipating Care to Reduce Falls<sup>SM</sup>



Enhancing outcomes for  
patients and their caregivers:

**Hill-Rom**

# Hill-Rom® Connectivity Applications

Today's hospital beds are smart. They can connect with other systems to capture and send data. But the biggest question regarding bed connectivity that often goes unanswered is, what can be done with the data to truly impact patient care?

Through Hill-Rom's Connectivity Applications, Hill-Rom® Smart Beds can be connected to caregivers and patients in a way that will drive improved workflow, increased staff efficiency and, most importantly, improved patient outcomes.

## Hill-Rom® Status Board: Real-Time Dashboard for Bed Data

Room	Patient	Risks	Bed Exit	Bed Rails	Bed Low	Brake On	HOB	Weight
200	Ju...R	Falls Skin	✖	⬆	●	●	35°	49.89kg
201	Bo...P	Falls	●	⬆	●	●	42°	58.15kg
202	Li...S		✖	⬆	●	✖	10°	72.57 kg
203	St...M	Falls Pulmonary	●	⬆	●	●	40°	99.79 kg

Provides unit-level visibility of bed status and patient risks outside of the patient room so caregivers can identify beds that are in an unsafe state quickly and easily.

## Hill-Rom® Bed Data: Outbound EMR Integration

DANIELSON, MA		MRN 8888	Rm-Bd LDR5	DOB 03/15/1982	GA (None)	EDD 08/22/2014	Grav/Pa* 1/0	ABO/Rh (None)	GBS (None)	Allergies (None)	Info (N)
Doc Flowsheets											
<input type="button" value="File"/> <input type="button" value="Add Row"/> <input type="button" value="Add Group"/> <input type="button" value="Add LDA"/> <input type="button" value="Get Wt."/> <input type="button" value="m"/> <input type="button" value="Add Cel"/> <input type="button" value="Insert Col"/> <input type="button" value="Device"/> <input type="button" value="Compact"/> <input type="button" value="Last Filed"/>											
Patient Summary											
Synopsis											
Chart Review											
Results Review											
History											
Allergies											
Immunizations											
Drains/Tubes											
Doc Flowsheets											
Intake/Output											
MAR											
Vitals <input type="checkbox"/> 7:00 Pain <input type="checkbox"/> Intake <input type="checkbox"/> Bed Type Centrella Output <input type="checkbox"/> Bed Position Low Call button activated Yes Bed Exit Alarm On Yes Head of Bed angle value 45% Oxygen <input type="checkbox"/> Head End Rails Up/Down Up Bed Data <input checked="" type="checkbox"/> Foot End Rails Up/Down Down											

Reduces documentation requirements and potential errors by delivering bed data directly to the EMR, without an investment in third-party middleware.

## Hill-Rom® Enterprise Reporting: Reporting on Bed State

Organization	Bed	Event Date	Event Time	Bed Property - State	Bed Property - State Value
	6703 [A]	09/20/2016	06:00:53	Foot Rails - Left Rail Down	
	6703 [A]	09/20/2016	06:01:00	Bed Height - Low	
	6703 [A]	09/20/2016	06:06:46	Head Rails - Left Rail Down	
	6703 [A]	09/20/2016	06:10:51	Head Rails - Both Rails Up	
	6703 [A]	09/20/2016	06:10:52	Foot Rails - Both Rails Up	
	6703 [A]	09/20/2016	06:18:54	Bed Height - Not Low	
	6703 [A]	09/20/2016	06:19:21	Foot Rails - Left Rail Down	
	6703 [A]	09/20/2016	06:24:08	Foot Rails - Both Rails Up	
	6703 [A]	09/20/2016	06:25:41	Bed Height - Low	
	6703 [A]	09/20/2016	06:15:41	Bed Brakes - On	
	6703 [A]	09/20/2016	06:15:41	Bed Exit - Off	
	6703 [A]	09/20/2016	06:15:41	Bed Height - Not Low	
	6703 [A]	09/20/2016	06:15:41	Connection State - Connected	
	6703 [A]	09/20/2016	06:16:33	Patient Weight in Kg	63.6
	6703 [A]	09/20/2016	06:33:27	HOB Angle in Degrees	21.3
	6703 [A]	09/20/2016	06:33:32	HOB Angle in Degrees	32.6

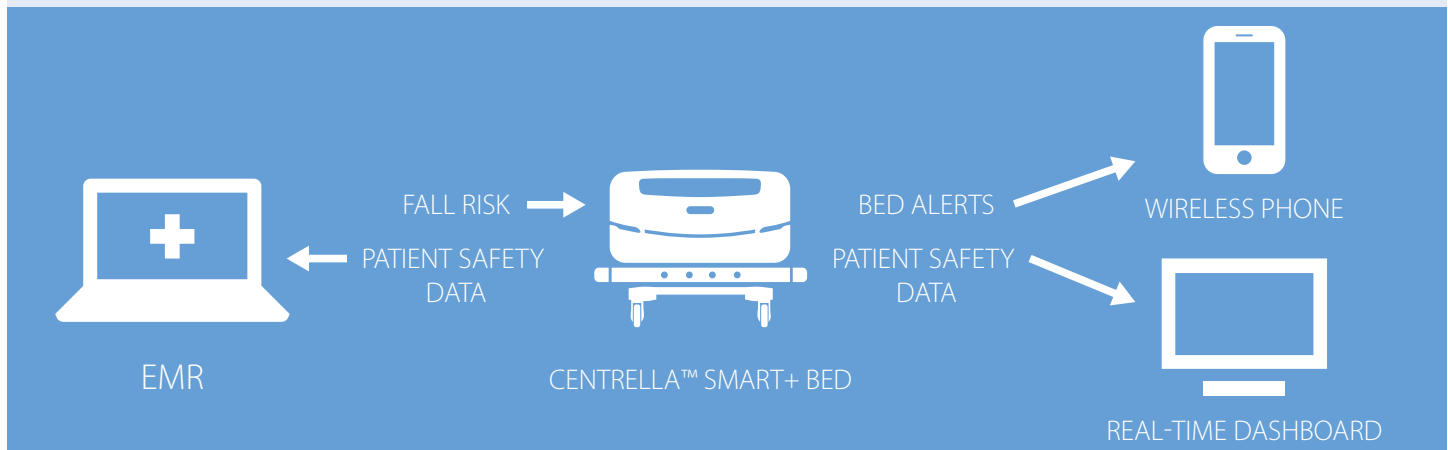
Near real-time reporting on bed state changes during a patient's stay enabling clinical leaders to impact the provision of care at the bedside.

# NaviCare® Patient Safety

Help reduce falls by ensuring patients are in a safe state at all times.

The NaviCare® Patient Safety solution extends Hill-Rom's Connectivity Applications even further by linking the hospital's patient risk protocols to bed state monitoring within a single software application. Hill-Rom's NaviCare® Patient Safety solution simplifies caregiver workflow by automatically:

- Arming the bed exit alarm for fall risk patients.
- Alerting the assigned caregiver on their wireless handset when the bed enters an unsafe state.
- Suppressing and canceling alerts based on caregiver presence in the patient room.\*
- Resetting the bed exit alarm when the caregiver exits the patient room.\*



NaviCare® Patient Safety supports caregivers in maintaining compliance with patient risk protocols so that they can focus on patients and improve care in a way that creates a positive impact on patient outcomes.



**59**

patients fall and are injured each year in the average 100-bed facility.<sup>1</sup>



**\$22,700**

average cost of hospitalization for fall-related injury.<sup>2</sup>



NaviCare® Patient Safety can reduce a facility's average falls rate by as much as

**62%.**<sup>3</sup>

**\$830,000**

saved annually in a 100-bed facility.

Hill-Rom is a leading global medical technology company with more than 10,000 employees worldwide. We partner with health care providers in more than 100 countries, across all care settings, by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Patient Monitoring and Diagnostics, Surgical Safety and Efficiency and Respiratory Health.** Hill-Rom's people, products and programs work towards one mission: **Every day, around the world, we enhance outcomes for patients and their caregivers.**

#### References

1. Preventing Falls TST©. Joint Commission Center for Transforming Healthcare. [http://www.centersfortransforminghealthcare.org/assets/4/6/Falls\\_TST\\_PPT\\_Slides.pdf](http://www.centersfortransforminghealthcare.org/assets/4/6/Falls_TST_PPT_Slides.pdf). Accessed February 22, 2016.
2. Hoffman GJ, et al. Medical Care. 2016;54(7): 664-671.
3. Hill-Rom Customer (HC). NaviCare® Patient Safety Customer Interview. August 2017. Email results on file.

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