SafetyMonitor

Safe time for patients

Increase hospital safety
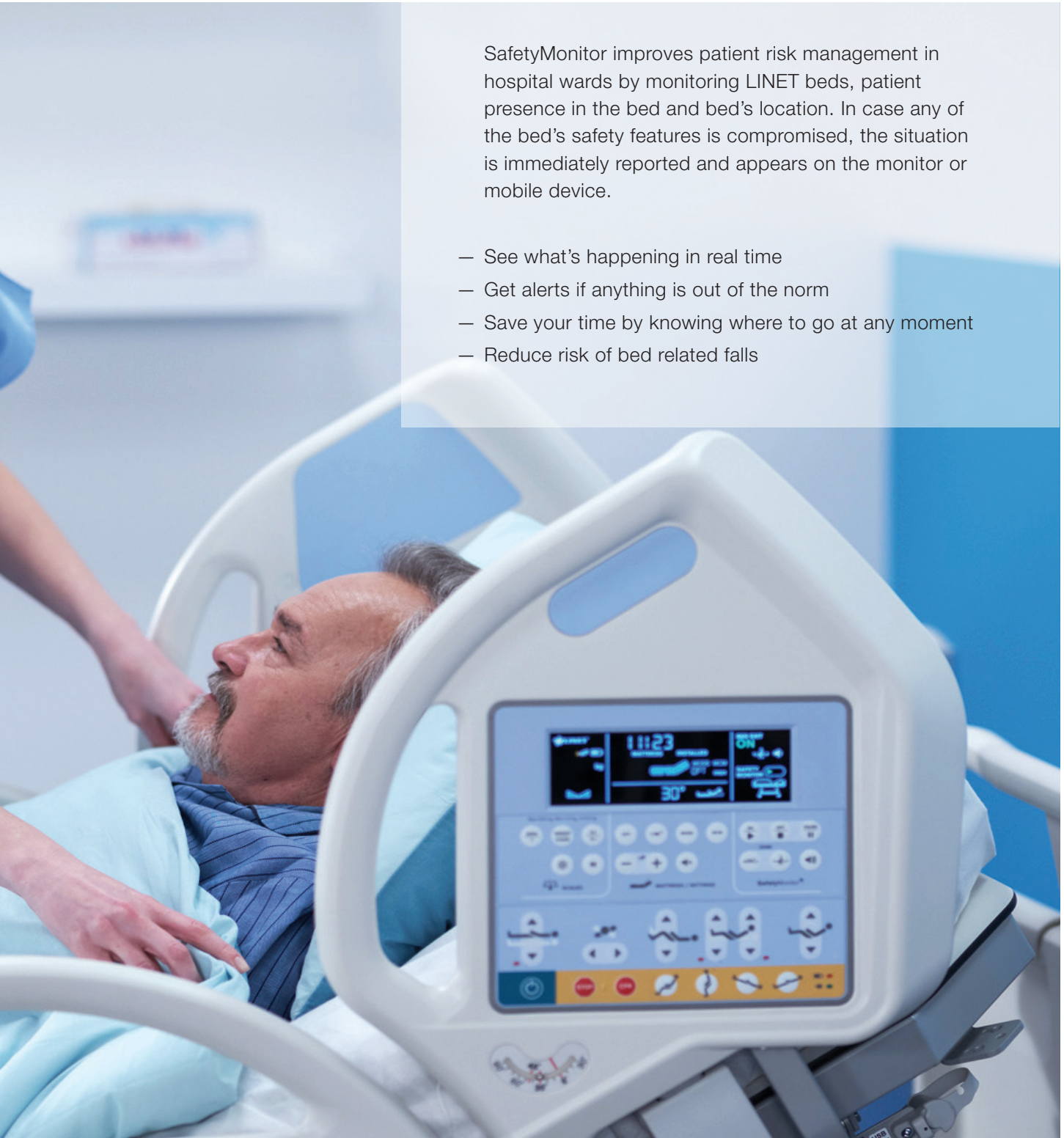
MAKE A DIFFERENCE EVERYDAY

Working in a hospital is demanding. Attention. Readiness. Short breaks. Work overload. Constant risk of errors. We know it. We have been in this business with you for almost 30 years. That is why we developed SafetyMonitor. To help you prevent your patients from falling. To help you maintain the safety of your patients in their beds.

standards

SafetyMonitor improves patient risk management in hospital wards by monitoring LINET beds, patient presence in the bed and bed's location. In case any of the bed's safety features is compromised, the situation is immediately reported and appears on the monitor or mobile device.

— See what's happening in real time
— Get alerts if anything is out of the norm
— Save your time by knowing where to go at any moment
— Reduce risk of bed related falls

Comprehensive overview

Using integrated bed sensors allows for continuous monitoring of the main safety features of all beds in a ward. That enables you to react faster in case any of the bed safety features is compromised.

BED LOCATION
Keep track of where your beds are with a localization Tag.
Once a bed is moved to a parking position in a different room, it will automatically connect to the system and display its position on your SafetyMonitor dashboard.

BED HEIGHT

Setting the bed to the lowest position, especially overnight, helps to minimize negative consequences of a possible fall. SafetyMonitor warns you when the bed is not in this position.

HEIGHT

BED BRAKES

Significant number of falls is caused by badly braked bed. SafetyMonitor will signal if breaks are not in the right position.

BRAKES

BACKREST SETTING

If the backrest is set to less than 30°, SafetyMonitor automatically warns you. This is the position that helps prevent the development of pulmonary complications.

BACKREST

SIDERAILS POSITION

Signaling the position of side rails, that are the basic safety feature, is vital especially at night.

SIDERAIL

PATIENT OUT OF BED

If the bed is equipped with a scale, SafetyMonitor will signal when the patient leaves his bed.
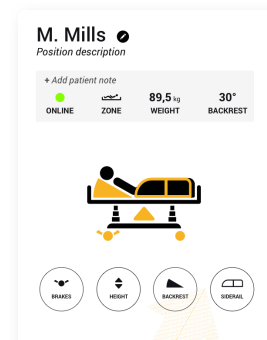
PATIENT WEIGHT

Beds with integrated scale allow SafetyMonitor to report patient weight.

89,5 kg
WEIGHT

Simplicity in a complex

— Intuitive user interface
— Displays only necessary information
— Dashboard immediately readable even from a distance
— Only two color alert signals

Yellow = may be compromised

Red = needs immediate action

M. Mills
Position description

+ Add patient note

ONLINE | ZONE | 89,5 kg WEIGHT | 30° BACKREST

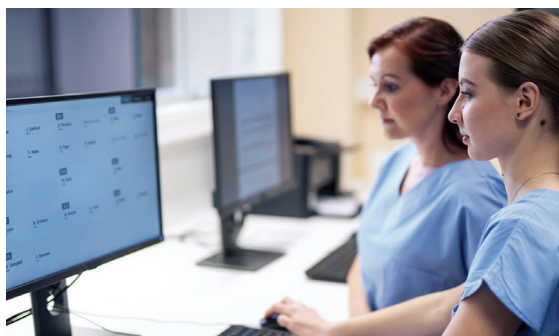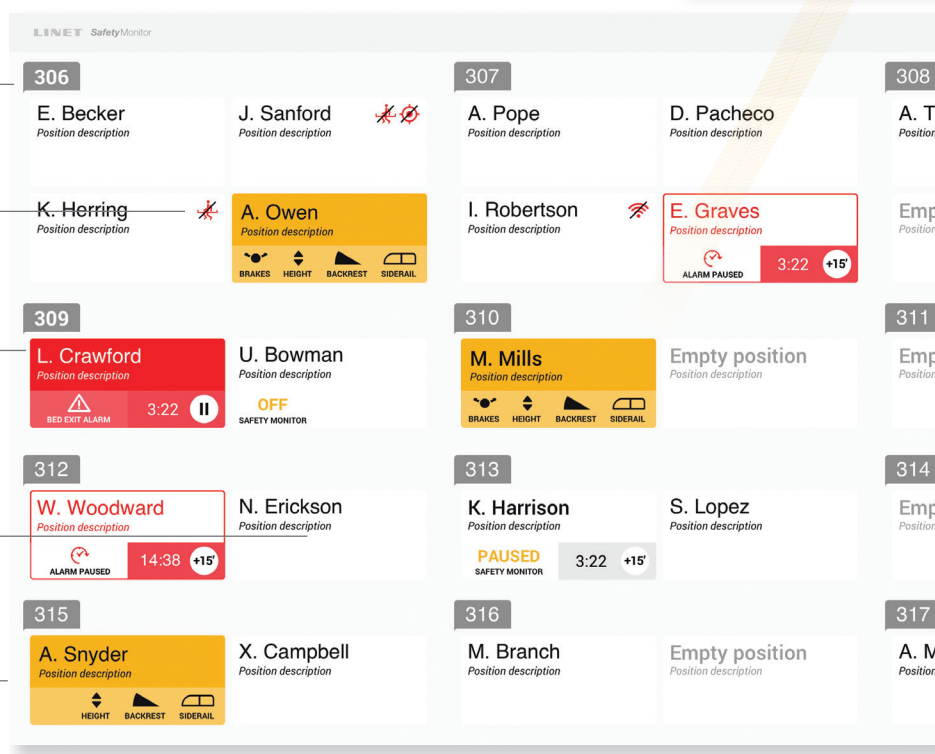BRAKES | HEIGHT | BACKREST | SIDERAIL

*Beds are sorted
by rooms*

Status icons

*Alarm visible
at first sight*

*No information
displayed means
everything is OK*

*Up to 50 beds
on one screen*

LINET *Safety*Monitor

306		307		308
E. Becker	J. Sanford	A. Pope	D. Pacheco	A. T
Position description	*Position description*	*Position description*	*Position description*	*Position*
K. Herring	A. Owen	I. Robertson	E. Graves	Emp
Position description	*Position description*	*Position description*	*Position description*	*Position*
	BRAKES HEIGHT BACKREST SIDERAIL		ALARM PAUSED 3:22 +15'	

309		310		311
L. Crawford	U. Bowman	M. Mills	Empty position	Emp
Position description	*Position description*	*Position description*	*Position description*	*Position*
⚠ BED EXIT ALARM 3:22 ‖	OFF SAFETY MONITOR	BRAKES HEIGHT BACKREST SIDERAIL		

312		313		314
W. Woodward	N. Erickson	K. Harrison	S. Lopez	Emp
Position description	*Position description*	*Position description*	*Position description*	*Position*
ALARM PAUSED 14:38 +15'		PAUSED SAFETY MONITOR 3:22 +15'		

315		316		317
A. Snyder	X. Campbell	M. Branch	Empty position	A. M
Position description	*Position description*	*Position description*	*Position description*	*Position*
HEIGHT BACKREST SIDERAIL				

DATA PROTECTION

The records are anonymous. We act in accordance with the GDPR legislation. The system does not work with patient's personal data.

medical environment

History				
◢ Bed Exit	7 Dec 2018 15:52:31	7 Dec 2018 15:52:45	0:14	John Doe paused
◢ Brakes	7 Dec 2018 15:52:31	7 Dec 2018 15:52:45	4:29	Peter Parker paused
◢ Brakes	7 Dec 2018 15:52:31	7 Dec 2018 15:52:45	0:29	John Doe turned off
◢ Back rest	7 Dec 2018 15:52:31	7 Dec 2018 15:52:45	0:14	John Doe turned off
◢ Brakes	7 Dec 2018 15:52:31	7 Dec 2018 15:52:45	4:29	Peter Parker paused
◢ Brakes	7 Dec 2018 15:52:31	7 Dec 2018 15:52:45	0:29	John Doe turned off
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PATIENT DETAIL

— Alerts and alarms history

— Patient weight

— Customize what you want to monitor

📋 Admin   ⚙ Settings   ⮕ Log out

...yler Position description	K. Wright Position description
Empty position Position description	Empty position Position description
Empty position Position description	Empty position Position description
Empty position Position description	V. McDaniel Position description
...Meza Position description	H. Bright Position description

HIS INTEGRATION

Easily pair bed data with patient's EMR data. Records from SafetyMonitor (e.g. brakes status, bed exit alarm, patient weight) can be directly exported to the hospital information system (HIS) via HL7 v2 standard so hospital personnel do not have to import them to EMR manually.

— It saves time of hospital personnel for administrative tasks and improves their workflow

— It helps bioengineers and technicians to make logistics of the beds operation more efficient and gives them an overview of beds location

CAN BE DISPLAYED ON:

— your PC

— your tablet

— your mobile phone

24 hours under control

SAFETYMONITOR IMPROVES HOSPITAL PERSONNEL EFFICIENCY

Nurses
— 24/7 patient monitoring in one place
— System able to transcribe the information into your EMR
— System helps to prevent bed related falls by signaling when or even before the patient leaves the bed

Technicians, biomedical engineers
— Bed localization in a hospital
— SafetyMonitor customization based on specific needs of various hospital wards
— System provides history of alerts and alarms

Management
— Constant overview of bed availability
— Complete history of alerts
— Opportunity to lower hospital costs by preventing bed related falls
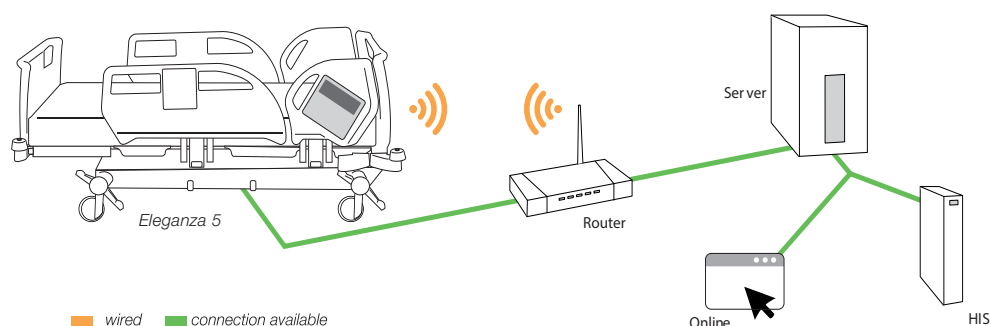
SAFETY MONITOR TRAINING

We offer training on how to use SafetyMonitor in your hospital.
It is done by us or our local partners.

FAST AND SEAMLESS INSTALLATION

SafetyMonitor can be used in combination with LINET EMR ready beds that are equipped with sensors and communication module that transfers data from bed to central server system.

During the initial installation, LINET technician (or a partner) first installs beds and localization Tags in hospital rooms and makes sure they are connected to the server. Then he/she sets up your workspace, wards and rooms according to the hospital internal structure.

Eleganza 5   Router   Server   Online   HIS

▮ wired   ▮ connection available

LIFE IN A HOSPITAL

WITHOUT SAFETYMONITOR	WITH SAFETYMONITOR
— Unnoticed patient falls, especially at night	— Bed exit alarm can help prevent falls
— Nurses must constantly keep the bed settings in mind	— Real time continuous information about beds
— Looking for the beds	— Beds localization
— Estimating patient weight	— Weight sensor for comfortable measuring
— Paperwork	— Automatic synchronization with EMR

SafetyMonitor

COMPATIBLE BEDS

The SafetyMonitor can be used with the Eleganza 5 and Eleganza 4 beds.

TECHNICAL DATA

Supported interface for the export of data to the hospital IS	HL7 v2
Bed-server communication	via Wifi/LAN
Wireless	IEEE 802.11 b/g/n (pouze 2,4 GHz), WPA/WPA2-PSK, WPA2 Enterprise PEAP-MsCHAPv2, static/dynamic IP address
Ethernet	10/100Base-TX (podle IEEE 802.3u)
Minimum HW requirements	2 core CPU 3GHz, 4GB RAM, 100GB HDD
OS requirements	Independent, but LINUX server is preferred. In case of Windows server use 2016, 2019 or later version.
Web browser requirements	IE11 and higher, Google Chrome

It is necessary to have a server connected to the Internet (for SafetyMonitor updates).

LINET EMR data transfer is Cerner certified and HL7 v2 compliant. Compatibility with facility specific EMR, HIS, middleware or software may require additional programming, software, hardware or other elements.
LINET is committed to working with the facility, its vendors and consultants prior to and during any project.

SafetyMonitor

Technician

— Bed localization in a hospital
— SafetyMonitor customization based on specific needs of various hospital wards
— System provides history of alerts and alarms

Staff

— 24/7 patient monitoring in one place
— System able to transcribe the information into your EMR
— System helps to prevent bed related falls by signaling when or even before the patient leaves the bed

Management

— Constant overview of bed availability
— Complete history of alerts
— Opportunity to lower hospital costs by preventing bed related falls

wissner-bosserhoff

LINET®

Members of LINET Group