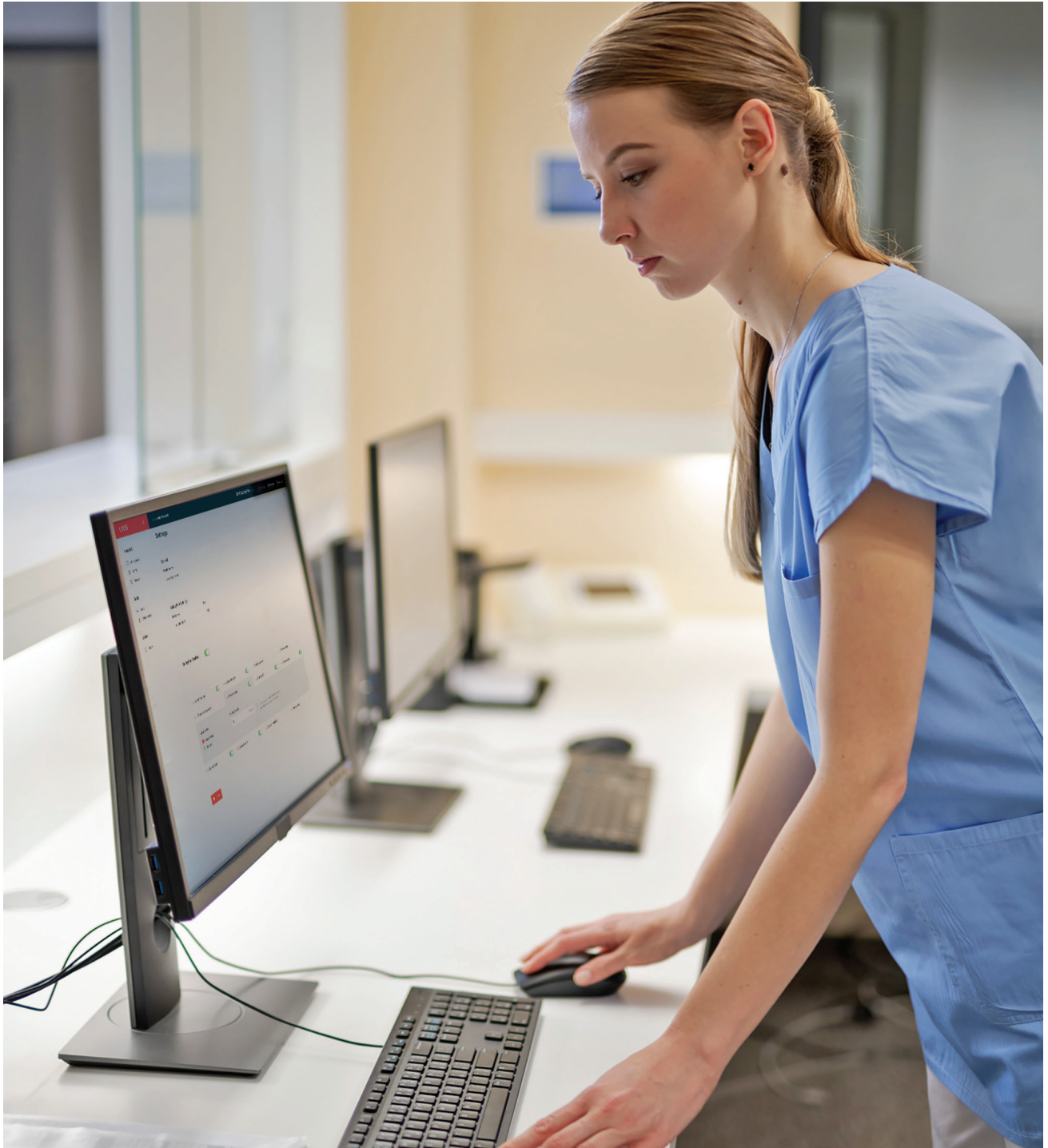# LINIS SafetyPort

Bridge to the safety of your patient

SafetyPort improves hosp

TAKE CARE OF PATIENTS, NOT DATA

Working in a hospital is demanding. Attention. Readiness.
Short breaks. Work overload. Constant risk of errors.
We understand. We have been in this business with you for
almost 30 years. That's why we developed LINIS SafetyPort -
a solution for automated export of data from LINET beds
(e.g. safe position of the bed, bed exit alarm, patient weight)
to the hospital HIS using HL7 standard.

FASTER DATA TRANSFER BY CONNECTING BEDS TO HIS

Records from beds can be directly exported to the hospital
information system HIS via HL7 v2 standard, so hospital
personnel do not have to import them to HIS manually.
It helps to easily pair bed data with patient's HIS data.

KEY BENEFITS

— Saves time of clinical staff by automating and digitizing
  hospital processes

— Helps to continuously track patients' weight

— Automatically records several care procedures such as
  using lateral tilt, Trendelenburg position, etc.

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

— Prevents inputting incorrect data into HIS by automatic
  data transfer

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

ital personnel efficiency

Nurses
— Data in one place 24/7
— The system automatically transfers the information to your EMR

Technicians, biomedical engineers
— Bed localization in a hospital
— The system provides data history of moving the beds

Management
— Constant overview of bed availability
— Complete history of bed position
— Opportunity to lower hospital costs and improve patient care by using evidence based medicine

Comprehensive overview

Using integrated bed sensors allows continuous monitoring of the key bed data and its transfer into the hospital system.

SAFE BED POSITION

The inbuilt sensors constantly monitor the bed position to ensure the patient´s safety.

BACKREST SETTING

Contribution to the patient's comfort.

LATERAL TILT

Bed Feature can help accelerate recovery and to advance patient mobility.

BED BRAKES

Reduce risk of injuries related to an unsecured bed.

SIDERAILS POSITION

Enhanced patient safety.

BED EXIT ALARM

Quick notification when the patient leaves a safe place (the bed).

BACKREST 30°

Elevation of backrest contributes to prevention of respiratory complications.

LOWEST POSITION

Reduction of possible fall consequences.

PATIENT ON BED

Sensor monitors patient's presence in the bed.

BED EXIT STATUS

Bed exit monitoring is activated; there is an inner and outer zone option to ensure maximum safety.

TRENDELENBURG

Position used in emergency situations and to prevent or decrease the risk of air embolism during insertion of a central venous catheter.

LOCATION OF BED

Bed detection, exact localization of the bed.

PATIENT'S WEIGHT

89,5 kg

Body weight is important for providing the correct concentration of medication and also for weight related fluid balance (dialysis).

24 hours under control

LINIS SafetyPort helps modernize the hospital's infrastructure by supporting electronic record sharing.

COMPATIBLE BEDS

The LINIS SafetyPort can be used with the Eleganza 5, Multicare and Multicare LE beds.

Eleganza 5

Multicare LE

Multicare

FAST AND SEAMLESS INSTALLATION

LINIS SafetyPort is 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.

During the initial installation, a 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. In the next step he/she links, checks, and sets up the transmission of information in the HL7 standard message format.

SYSTEM REQUIREMENTS

TECHNICAL DATA

Supported interface for export of data to the hospital IS	HL7 v2
Bed-server communication	via Wifi/LAN
Wireless	IEEE 802.11 b/g/n (only 2,4 GHz), WPA/WPA2-PSK, WPA2 Enterprise PEAP-MsCHAPv2, static/dynamic IP address
Ethernet	10/100Base-TX (by 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 LINIS SafetyPort updates).

Eleganza 5   Router   Server   HIS

▬ wireless ▬ connection available
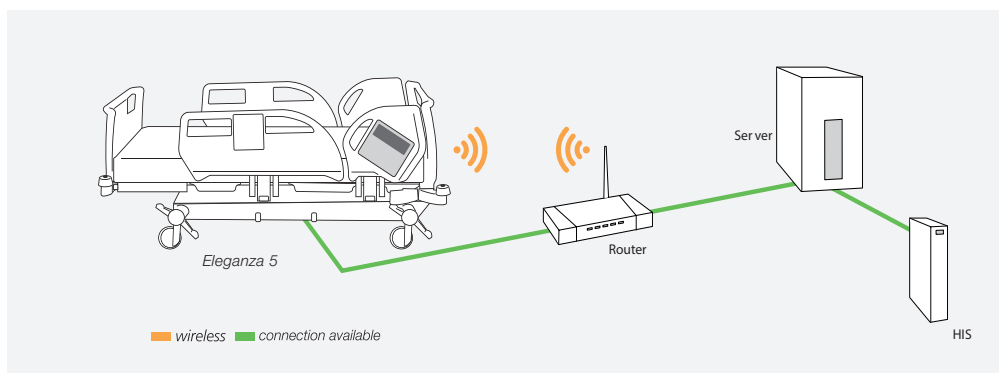
LINIS SafetyPort

Working in a hospital is demanding. Attention. Readiness. Short breaks. Exhaustion. Constant risk of errors. We understand. We have been with you in this business for almost 30 years.
That's why we developed LINIS SafetyPort. To help you quickly get information about your patients in their beds.

GET REAL INFORMATION FASTER IN YOUR SYSTEMS

CUSTOMER SUPPORT SERVICE
Our technical support team consists of professionals ready to help you.

TECHNICAL DATA

Bed safety position	Bed is in safety position (side rails up, lowest bed position, backrest at 30° or more, bed breaks on)
Trendelenburg angle	Angles sensor provides information if the foot part of the bed is higher than the head part or opposite
Lateral angle position	Sensor provides information if a bed is tilted on the left or right side
Patient weight	Sensors provide information about patient weight
Side rails position	Sensors provide information if side rails are up or down
Backrest 30°	Sensor provides information if backrest is set at 30°
Backrest angle	Sensor provides information of backrest angle
Brakes status	Sensor provides information if brakes are locked or not
Bed exit alarm	Sensor provides information when patient leaves the bed
Lowest position of bed	Sensor provides information if bed is in the lowest position or not
Bed exit monitoring	Sensors provide information if bed exit is activated or not and if zone bed exit is activated
Patient on bed	Sensor monitors patient presence on a bed
Location of bed	Sensor provides information about actual localisation of a bed (Parking site)

LINET Group