

 **Provider**<sup>®</sup> 790 Application Brief**Stryker**<sup>®</sup> iBed Awareness<sup>™</sup> Integration for Patient Safety**Application Overview:**

According to Stryker Medical's own research, "81% of nurses spend at least 1-2 hours per shift checking beds to proactively ensure patient safety." Patient safety is a big focus for acute care facilities and also an initiative of The Joint Commission. If any of the bed's safety features are changed, by the patient or even by staff who forget to turn them back on after assisting the patient, the patient is at risk of being hurt which puts the facility at risk.

The Stryker iBed lets caregivers remotely monitor key safety elements without having to physically check and recheck the bed status including: brake set, side rail up, bed exit enabled, Fowler (low bed angle) and low bed height. Freeing up staff from these time-wasting tasks provides more time for direct patient care. The integration between Stryker iBeds and Provider 790 nurse call supports remote monitoring of the iBed Awareness status over the Provider PC Console software, sends bed status alarms to the wireless devices (phones or pagers) carried by staff, and supports dome light indication of the bed status. All of these multiple modes of monitoring and alerting allow staff to identify a potential risk and be alerted of alarms so they can respond quickly and avoid patient falls.

**Features/Benefits:**

- **Monitor Stryker iBed Outputs** – The iBed Awareness option adds the following bed status outputs that can be monitored over the Provider 790 nurse call system:
  - Awareness Enabled
  - Brake Set
  - Bed Exit Enabled
  - Awareness Alert
  - Side Rail (Down)
  - Fowler
  - Low Height
  - Bedout (Exit)
- **LAN Access** – From any Windows computer on the facility LAN, users can sign in and access the PC Console application to monitor iBed status. No local software, except for Windows.NET functionality, is required on the local computer.
- **PC Console** – Since Stryker iBed monitoring is a subset of the PC Console functionality, the facility gets all the functionality of the PC Console including the List View, White Board View, and optional Map View.
- **White Board View** – The PC Console White Board view lists all rooms/beds in the Nursing Unit with their Stryker iBed status and any associated information (patient information, assigned staff), call activity, roundings, reminders, or workflow events. The White Board gives staff a snapshot view of all activity associated with a room/bed.

- **Alerts** – Specific Stryker iBed events, such as a bed exit alarm or Fowler alerts can be configured to place calls on the system (light the dome light and annunciate at zone lights, nurse consoles, staff terminals, and duty stations). If the Provider 790 system includes wireless phone and/or pocket pager integration, these alerts are also sent immediately to the assigned caregiver’s wireless device to speed response.
- **Status Indication at the Dome Light** – The Prism Dome Lights outside of each patient room can be configured to indicate specific bed status, such as the Bed Exit Enabled. This allows staff to simply glance down the hallway to see which bed’s bed exit is enabled instead of physically visiting each bed to check the bed exit status.

## **Key Users and Managers:**

Floor Staff – The PC Console Whiteboard display gives caregivers a complete view of all the iBeds’ status and associated activity/events associated with each patient. One or more Whiteboard displays can be mounted in areas that give caregivers a snapshot view of their rooms. The Dome Light integration allows caregivers to look down a hallway and see the status of all their patients without unnecessary trips into each patient room.

Nursing Managers, Charge Nurses – The PC Console display lets managers step away from the nursing unit floor yet still actively monitor the iBed status for their Unit at their desktop computer on the LAN. Beyond the iBed status, they can choose other nurse call events to monitor, such as overtime calls that could lead to patient satisfaction issues. They may also choose to monitor any higher call priorities, such staff emergency and code calls, which have liability issues if not responded to as quickly as possible. Each manager can choose what information they want displayed on their PC Console.

Administration /Nursing Management – Stryker iBed to Provider 790 assists caregivers in proactively monitoring and responding to patient safety and minimizing fall risks which is a key liability focus of all acute and skilled care facilities. The automated monitoring of iBeds frees up staff from unnecessary rounding to check bed status resulting in more direct time for patient care resulting in both increased patient and staff satisfaction.

IT/Biomed – The Microsoft.NET access to the PC Console software means there are no software components to load and maintain on each user’s PC. Because the PC Console software is not integral to the life safety and alerting components of the Provider nurse call system, any issues with the facility’s LAN or the software itself will not adversely affect the operation of the core nurse call system.