Lightning Bed Board – Bed Control

THOR Systems
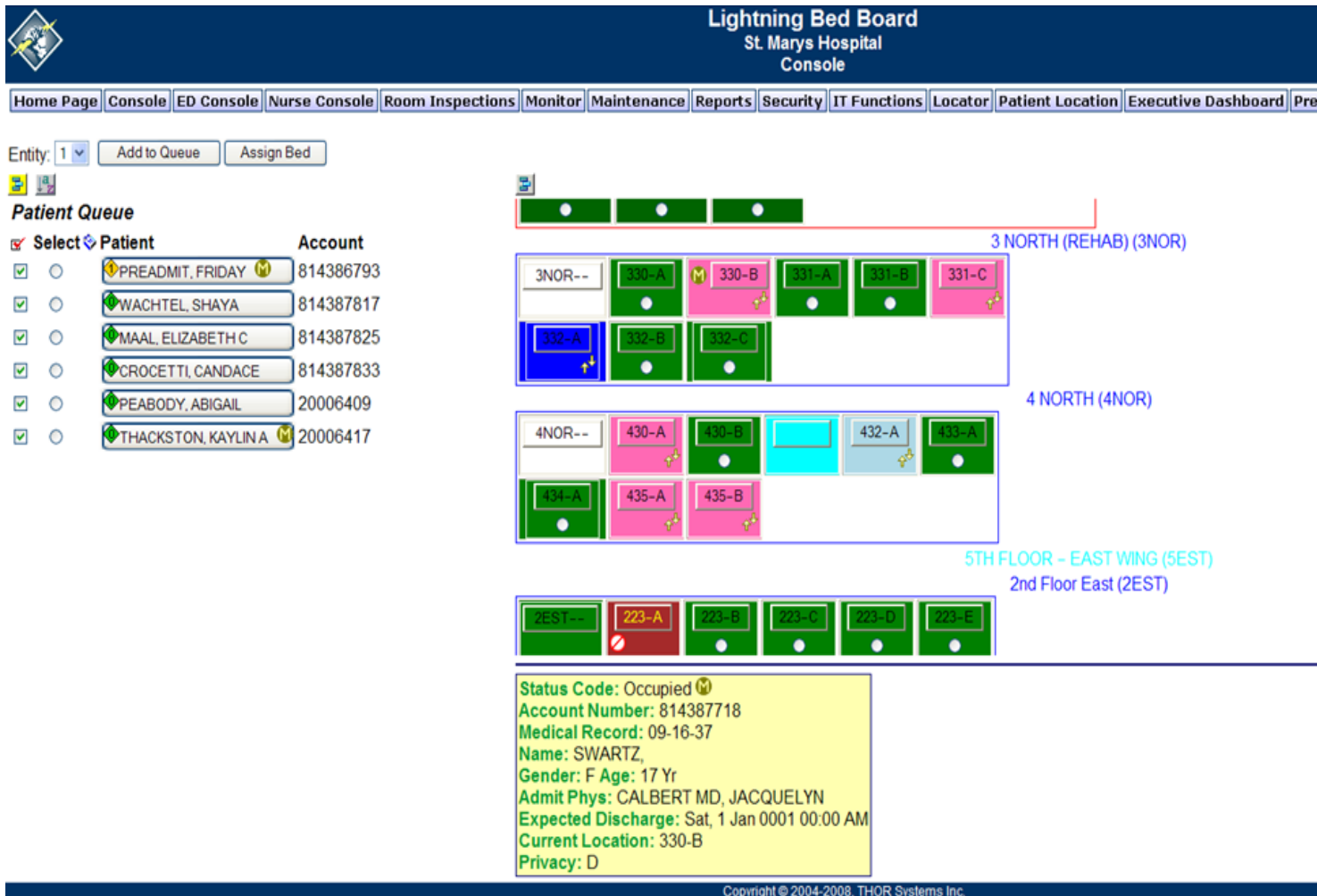*Your Bed Board Experts*

The proven solution that allows health care facilities to decrease the time beds are dirty and unoccupied. Lightning Bed Board can be completely integrated with any HIS package. This state of the art package leverages existing technology found in every healthcare facility. Lightning Bed Board incorporates industry leading security. Authorized staff members can view bed statuses through an easy to use graphical interface. An Executive Dashboard allows administrators to quickly get the pulse of the facility's operations.

Bed Control is able to see the status of every bed in the facility. The screen is automatically updated to reflect when a bed is ready.

Housekeeping staff can be automatically paged when a patient departs the room.

Bed statuses can be updated by housekeeping staff utilizing the existing phone system.

The Console provides a graphical interface to assign patients to beds.

A patient can be transferred to another bed with two simple mouse clicks.

Patient information can be quickly displayed by moving the mouse over an occupied bed.

Multi-Language support includes English, French, and Spanish

Leverage Existing Equipment and I.T. Skills

The browser interface means that there is nothing to load on the workstations. It also means users will be productive right away.

Reporting

Lightning Bed Board reports are a key element to help improve resource management. All reports can be presented either to the browser in HTML format, Microsoft Excel, or PDF formats. In addition all reports generate an XML file that can be used to exchange with external systems. Users can be restricted to specific nursing stations.

Patient information is available through this easy to use browser interface. Both bed and patient history can be reviewed. Additionally, patient and account notes can be entered either in the Lightning Bed Board notes panel or in MedSeries4®. Orders entered for the patient can also be viewed in this window.

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Lightning Bed Board – Housekeeping Functions

Housekeeping Departments face increasing pressure to help decrease the amount of time between when a patient is discharged and the next patient is admitted to a room. Healthcare facilities must work more intelligently in incorporating Housekeeping into the patient flow.

A few of the challenges Housekeeping Departments face are:

- ***Discharge Notifications are held.*** All healthcare facilities experience discharges occurring at the end of a shift. This increases the number of "Stat" clean requests given to housekeeping and it causes housekeeping to be inundated with requests all at the same time. Lightning Bed Board facilitates discharges utilizing the existing phone system when patients are transported from the room. This speeds up the discharge process.

- ***Housekeeping staff is not notified in a timely manner.*** Some healthcare facilities have automated paging to be sent to Housekeeping as soon as a discharge is entered in the MedSeries4™. If discharges are held up, these pages will be held up. Lightning Bed Board can send text pages, numeric pages, and email alerts. The system helps eliminate held discharge notifications by simplifying the process using the phone system. Reports can also be run to document cases where discharges are not entered in a timely fashion.

- ***Housekeeping Directors lack the tools to project future discharges.*** There is not a standard MedSeries4™ report that lists anticipated discharges. Lightning Bed Board provides a report that lists anticipated discharges for a given date range. This assists the Housekeeping director to allocate resource as needed.

- ***It is difficult to evaluate staff performance.*** Lightning Bed Board provides reports that quantify the number of beds serviced and the amount of time spent by each housekeeper. These figures are shown compared to the averages providing a performance measurement.

- ***Reporting of services performed is difficult.*** Housekeeping departments are responsible for servicing more than just patient rooms. Directors need a tool that reports on servicing areas such as lobbies, offices, etc. Lightning Bed Board not only reports the amount of time spent servicing these areas, but can also be used to page housekeeping to these areas and to show real time when a housekeeper is performing duties in these areas.

- ***Housekeepers need to know if service is for MRSA & Infectious Rooms.*** HIPPA has changed the way healthcare facilities can indicate whether a bed had a patient that was classified as MRSA or infectious. When Lightning Bed Board pages housekeepers, it notifies them of MRSA or infectious conditions. The monitor used by housekeeping also identifies beds classified as MRSA or infectious.

A few of the Benefits

- Automatically dispatch housekeeping as soon as the patient is transported from the room.

- Housekeeping utilizes room phones to indicate that the room is clean. This updates the Monitor and Console in real time.

- Overview of anticipated bed requirements for the day.

- Decrease bed turnover time between patients

- Quick status update by housekeeping that doesn't compromise patient confidentiality.

- Supervisors can be automatically notified when a status is not addressed within a configurable time frame.
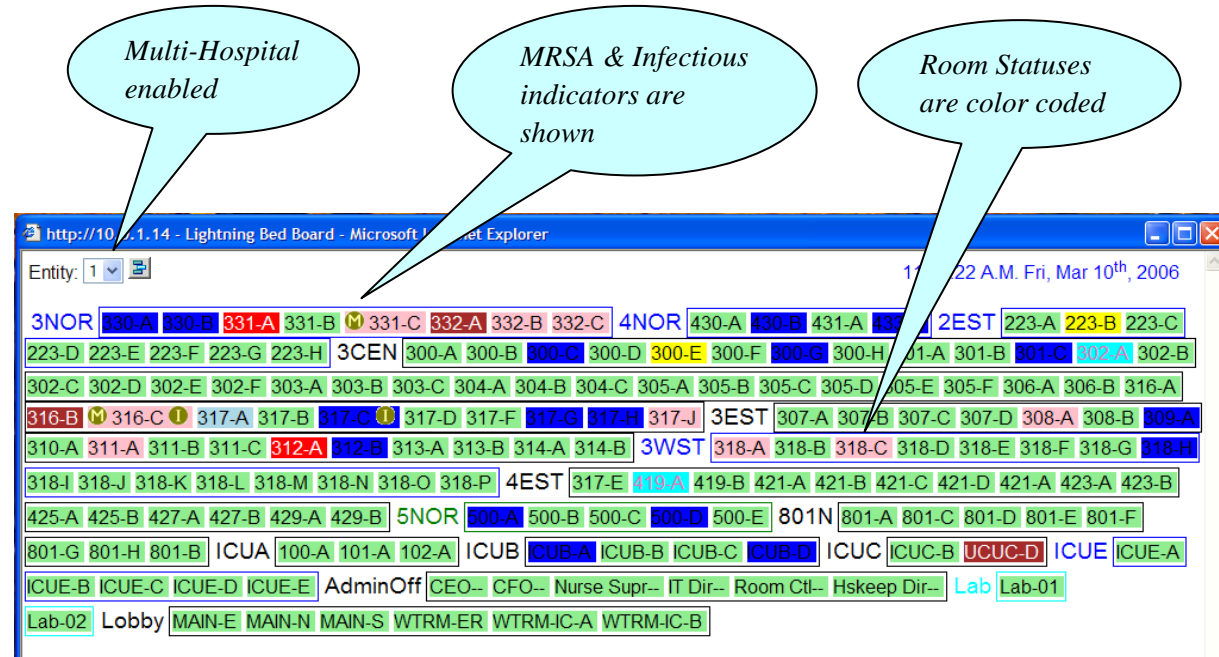
- A concise real time view of the status of all beds is a key benefit of the Monitor. This view automatically refreshes.

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Even with all of the features that Lightning Bed Board offers, it is very easy to use.
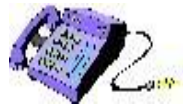
 Housekeeping staff utilize existing phones to report the progression of room statuses. Housekeeping supervisors and directors access the system through an intuitive browser interface – just like the internet.

Lightning Bed Board – Executive Dashboard

Now Administrators can get a quick graphical representation of a facility's operations.
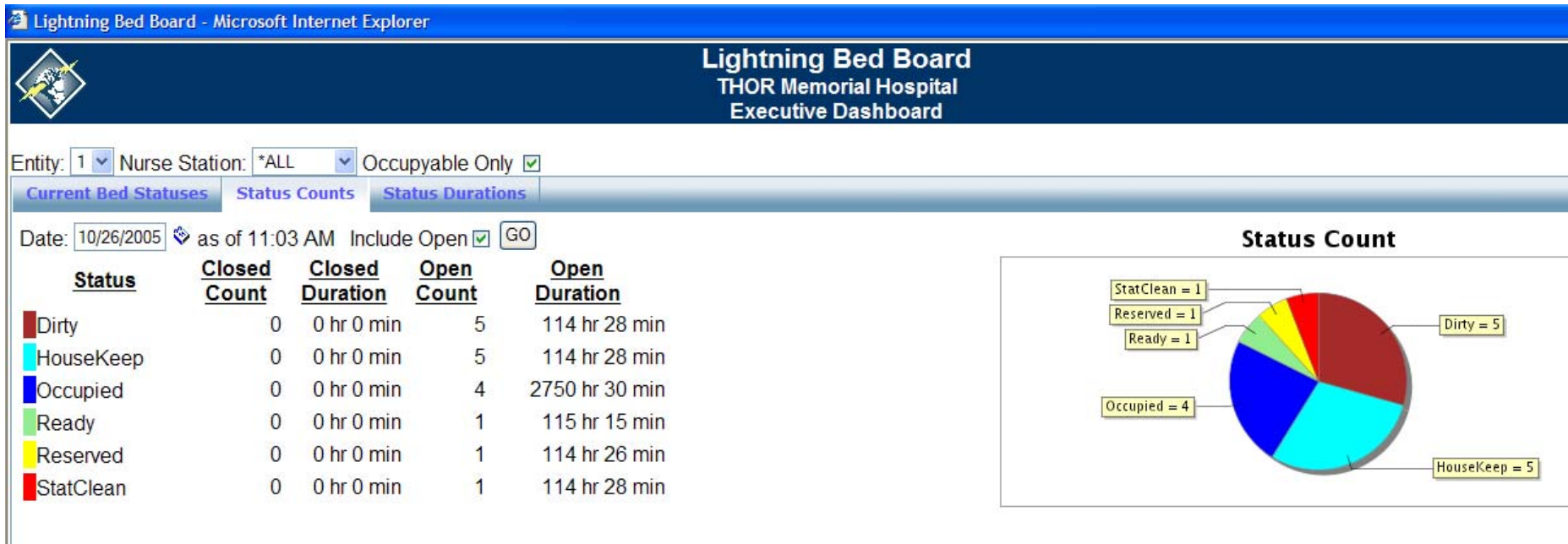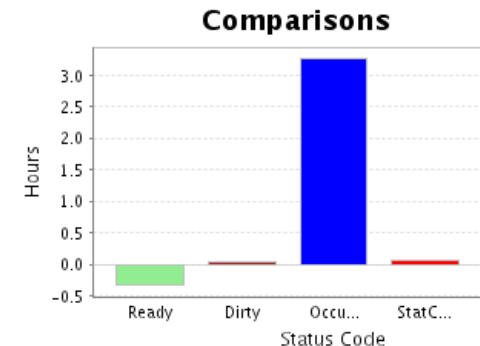
Lightning Bed Board – Executive Dashboard

The Executive Dashboard graphically presents the current status of a facility's beds as well as comparisons to previous dates. Up to the minute information is available to Administrators by a click of the mouse.
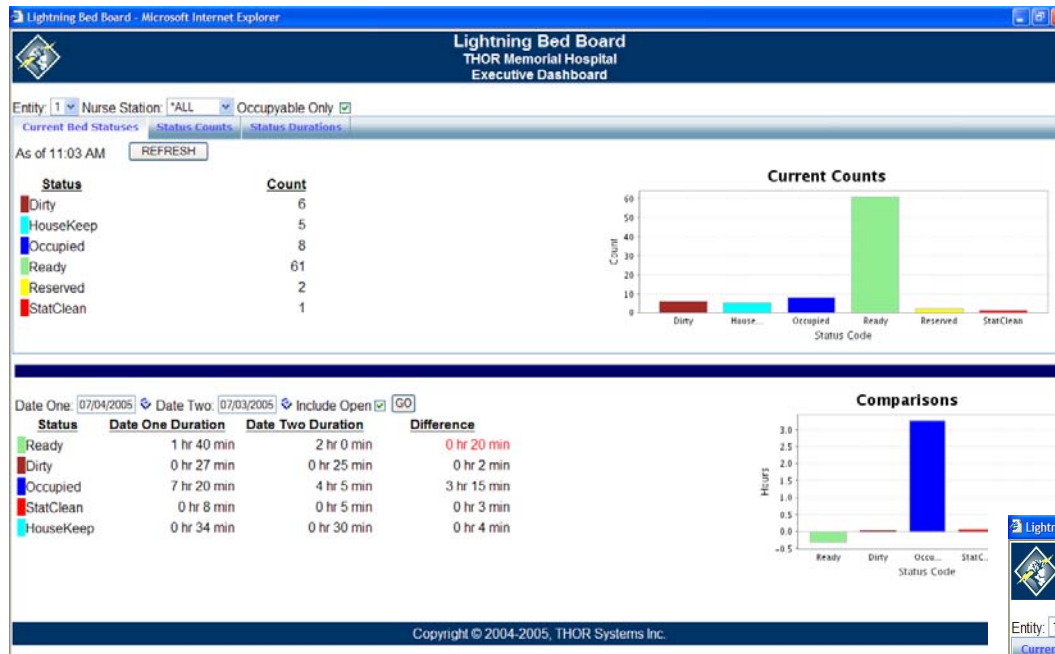

Graphs provide administrators with the information they need.

Information is automatically updated and displayed.

Browser based so there is nothing to load on the workstation.
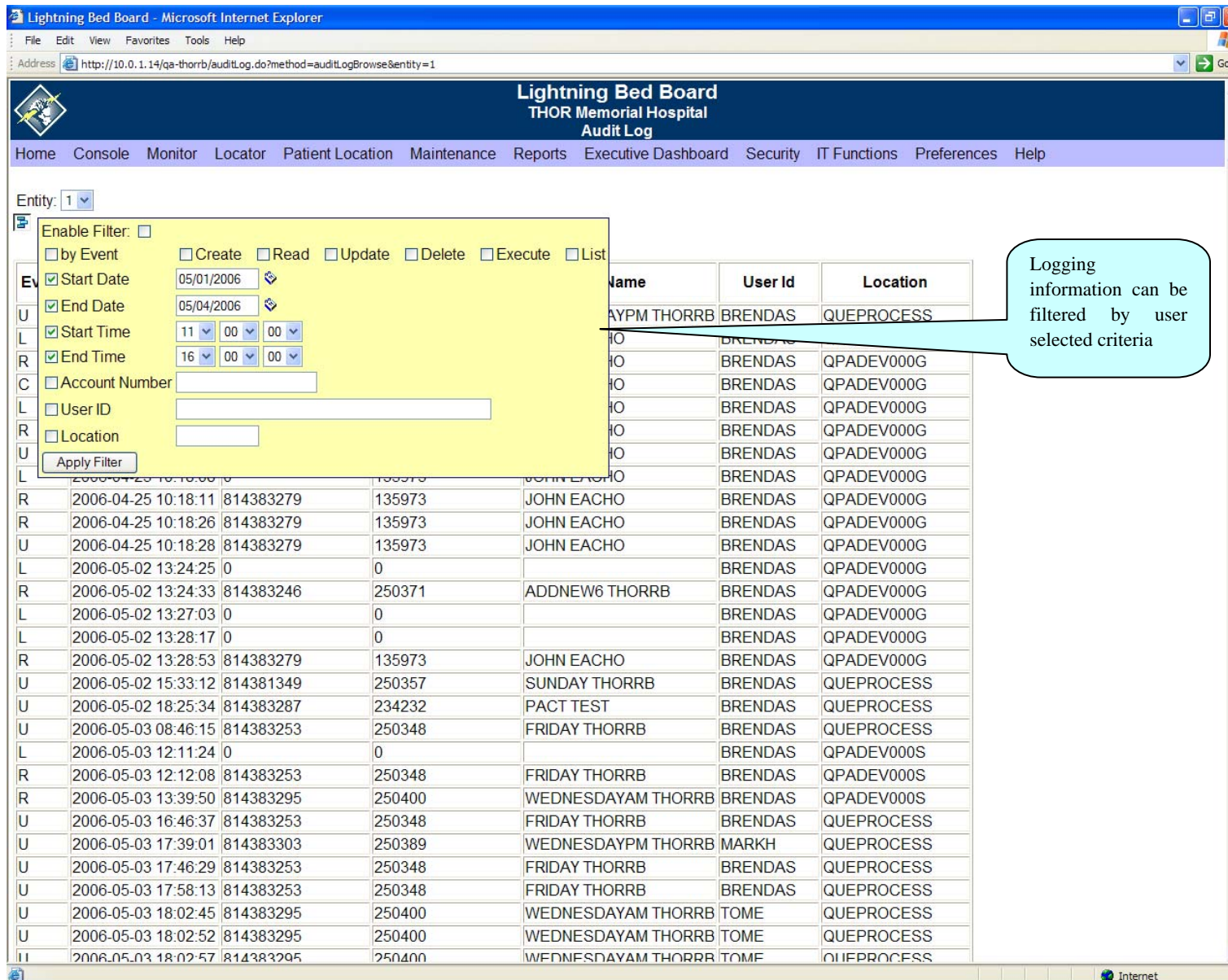
Allows administrators to analyze data between two time periods.

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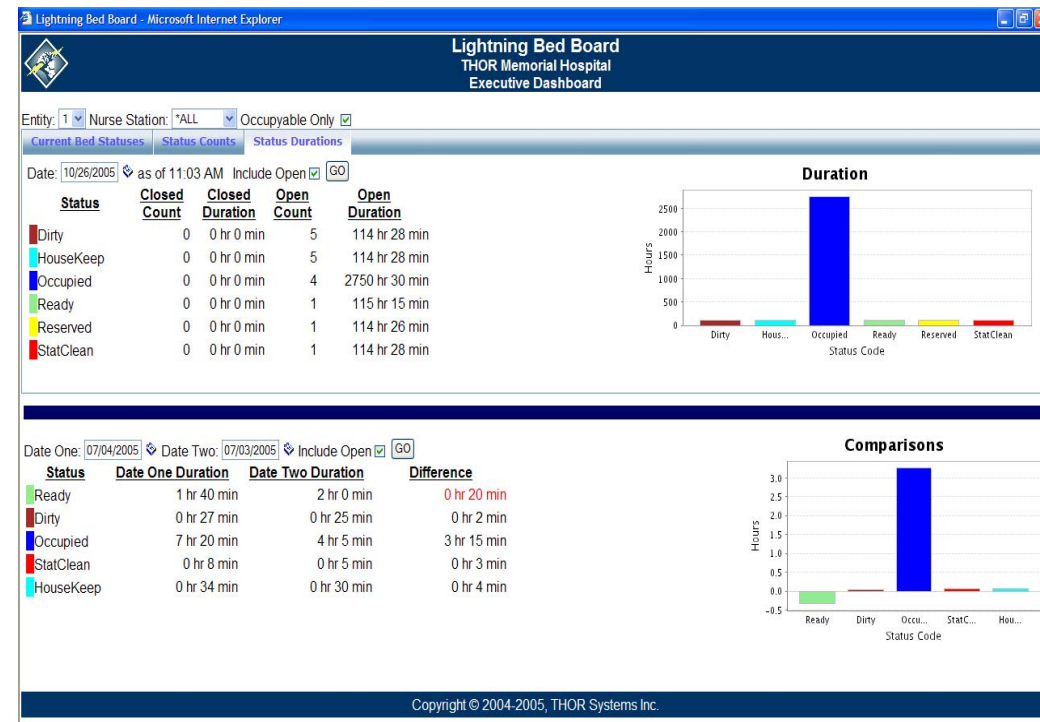
Lightning Bed Board – MedSeries4® Interface

Not only is Lightning Bed Board the only bed tracking product that offers a bi-directional interface to MedSeries4; it also adds to the functionality of MS4. Lightning Bed Board provides a GUI interface to MS4 logging for HIPPA compliance.

Logging information can be filtered by user selected criteria

Lightning Bed Board enhances the logging functionality of MS4 by providing an intuitive GUI interface to the logging table.

When a user views or updates patient information in Lightning Bed Board, the action is recorded in the MS4 logging table.

The Lightning Bed Board Audit Log will display user access to patient information that occurred in MS4 or Lightning Bed Board.

By recording actions in the MS4 logging table, patient access from both systems can be shown together.

Bi-Directional Interface

Lightning Bed Board provides a bi-directional interface to MedSeries4. By doing so, it doesn't matter whether updates occur in MedSeries4 or Lightning Bed Board – changes will be automatically updated in both systems. Lightning Bed Board's interface runs natively on your i5 / iSeries / AS400 and does not require HL7. This is similar to how MS4 modules interface to each other.

Our competitors only provide an HL7 interface from MS4. These interfaces do not run natively on your i5 / iSeries / AS400 and do not have the capability of updating MS4. Updates have to be keyed in both their system and MS4.

Lightning Bed Board allows hospitals to keep working even while MS4 day-end procedures are running.

MS4 specific data can be accessed from Lightning Bed Board. This keeps your staff from having to switch back and forth between two systems.

THOR Systems has been working with MS4 healthcare facilities for years and has a complete understanding how these facilities can leverage the benefits of MS4 combined with Lightning Bed Board.

Lightning Bed Board – Room Inspection

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A Room Inspection module is included in Lightning Bed Board, unlike other packages. It permits Housekeeping Supervisors to inspect rooms after a housekeeper completes their assignment. The inspection is kept for later reference and can be forwarded to groups such as maintenance in case additional work is required.

Room Inspection forms are user defined and are based inspection items are based upon the room type.

Inspection forms are saved and can be used for further documenting performance evaluations.

A PDF version of the room inspection can be instantly and easily mailed to other group such as maintenance.

The Room Inspection module is included in Lightning Bed Board at no additional cost.

Lightning Bed Board – Reporting

Lightning Bed Board reports are a key element to help improve resource management. All reports can be presented either to the browser in HTML format, Microsoft Excel, or PDF formats. In addition all reports generate an XML file that can be used to exchange with external systems. Users can be restricted to specific nursing stations. Some of the available reports include:

- Bed History – *This report will produce a listing of all status transactions for a single bed or a group of beds*

- Expected Bed Availability – *This report assists in resource planning*

- Status Averages – *This report can be used to determine the amount of time bed statuses are taking. It can be used in conjunction with housekeeping / room control performance reviews.*

- Status Counts – *This report provides information regarding the volume of transactions.*