Business Analytics Manager Suite of Solutions

- *Business Analytics Manager - BAM*
- *PHI Audit Manager – PAM*
- *Staff User Module – SUM*
- *Dictionary Edit Module - DEM*
- *PC AlertIT*

Business Analytics Manager (BAM)

Lower your readmission rate, improve patient satisfaction, and decrease overtime, by having your key performance indicators (KPIs) at the tips of your fingers. Use the Business Analytics Manager dashboard with aggregated data, pulled from multiple vendors and applications, to provide a comprehensive view of your organization's key performance indicators. This vendor-neutral application houses data from disparate sources, and presents it in a cohesive dashboard for quick review. The Business Analytics Manager's rich visual content, and Active and Passive dashboards, make viewing important data easy, for faster decision making. Keep your hospital running during downtime using BAM for business continuum. To be prepared for a scheduled downtime, BAM for business continuum allows you to automatically schedule reports to view the MPI and other critical clinical information.

Make sure you are meeting your Meaningful Use criteria with statistical reports on your dashboard.

- View KPI's across the entire enterprise
- Schedule compiles and views
- Pull Meditech Data Repository reports (real-time or scheduled)
- Schedule reports for offline viewing
- Easily customizable with drag and drop feature for adding views
- Each user can customize their own Active and Passive dashboards to fit their needs, be it clinical, operational or financial.
- Pull other non-Meditech KPI objects to Active or Passive
- Schedule automatic reports to run during a scheduled downtime for business continuum
- Vendor-neutral application

BUSINESS ANALYTICS MANAGER USES

- Meditech User ID/ Password Authentication
- Active Directory Authentication
- Web-Based UI, no client to install

BAM PRODUCT BRIEF

VIEW FORMATS:
- Data Repository Reports
- SQL Reports
- NPR Reports
- Report Designer Reports
- PDFs
- Websites
- Images
- Excel Spreadsheets

Use the Active dashboard with any format view.

Use the Passive dashboard for any stored reports.

POSSIBLE METRICS TO VIEW USING BAM:
Any report, image, PDF, website etc. can be viewed on the dashboard.
- Employee Metrics
- Physician Metrics
- Quality Metrics
- Core Measures/Quality Measures

OPERATIONAL
- Patient Volume
- Patient Wait Time
- Average Length of Stay
- Bed Utilization Rate
- Materials Management Audits

FINANCIAL
- Overtime Costs
- Payroll Summary
- Total Department Expenses
- Total Department Revenue

CLINICAL
- Code Response Time
- Restraint Use Rate
- Specimen Rejection Rate
- Mortality Rate
- Readmission Rate
- Central Venous Catheter Infection Rate
- Lab – time from order to collection
- And many, many more

PHI Audit Module (PAM)

Protect your hospital's reputation, and stay compliant with The HCI Solution's PHI Audit Module. Every hospital wants to keep each patient's privacy protected. The PHI Audit Module (PAM) allows you to effectively protect patient privacy and reduce incident risk. PAM is the new approach to protecting patient safety.

- Actively monitor all PHI access 24 hours a day
- Receive red flag alerts on potential threats - identity theft, tax fraud
- Break glass detection and warning
- Proactive warning alerts for staff displayed on the screen when moving to break glass or clinical screen
- Ability to take screen shots of possible incidents to determine information viewed
- Aggregates ALL Meditech PHI access

WHY PAM IS DIFFERENT

For many hospitals, the number of incidents flagged as possible violations is extremely large and difficult to sift through. PAM uses a probabilistic approach to eliminate redundant, false-alarm notifications. PAM will analyze the care team, user patterns, and other criteria to evaluate the probability of a violation, and based on predetermined criteria eliminate low probability violation flags from the violation lists. When an incident is marked as a false alarm it is removed from the violation list, flagged, an incident report created, and disposition reason tagged automatically. PAM clears as many potential violations, as possible so users do not have to wade through massive lists of possible violations while still enabling the user to review any flagged event.

Staff User Module (SUM)

Improve organization-wide efficiency and productivity, by using the Staff User Module as an accountability application. Reap the business intelligence of determining your staff's most productive periods, which team works best, and identify what tools employees need. This is a business study of each user's activity, to trend staff productivity throughout the organization, while facilitating the elimination of lost time on non-work activities. The Staff User Module is designed to poll data from multiple sources, not only Meditech user activity audits, but also punch card location/time, door access location/time, computer activity, application usage, and it can be configured to include screen shots of incidents.

PAM PRODUCT BRIEF

CUSTOM INCIDENT REPORTING:

Reduce privacy breaches with scheduled random samples of defined acuities.

- Same Last Name
- Same Street Name
- Proximity of Address
- Patient Location
- Doctor List of Patients
- Guarantor Name
- Department Activity
- VIP Activity
- User-Defined

SUM PRODUCT BRIEF

ACTIVELY MONITORS AND ALERTS ON:

- Staff Activity on Devices
- Timecards Punch Location/Time
- Door Entries
- Application Usage
- Computer Activity

Dictionary Edit Module (DEM)

Dictionaries define the core functionality of the hospital system. To ensure that your dictionaries are protected, use the Dictionary Edit Module to actively monitor and alert on dictionary maintenance. Review the history of dictionary changes that affect your system daily. The Dictionary Edit Module gives users the ability to view all prior changes to dictionaries that Meditech logs changes for, as well as other data that Meditech doesn't track, e.g. Medical Records Demo Recall edits. The Dictionary Edit Module (DEM) can also offload the monitored data from your transactional system, and put that into an archive for long term storage.

PC AlertIT

Physicians - Users - Predefined Groups - Departments

Overcome significant operational challenges by getting the right information, to the right people, at the right time, with PC AlertIT. Use PC AlertIT to proactively communicate important information to staff for quality patient care. Optimizing the communication with timely, relevant information within a healthcare organization supports enhanced quality of care, supports physicians, and enables real-time decision making. AlertIT runs as a PC task tray companion to help keep staff up to date. AlertIT allows you to receive clinical alerts that require real-time intervention to be compliant with standards of care and patient safety.

MEDITECH WORKSTATION ALERTING

• Alert message added to title or workstation bar

MEDITECH ALERTING LAUNCH MENU

• Meditech menu to list alerts and allow user to launch to alert area for processing

MEDITECH PC TASK TRAY ALERTING

• Meditech provider desktop alerting with web-based installation of PC client. Uses push and pull alerting with Meditech routines to communicate to all desktops via web service alerting, and has the ability to launch to Meditech workstation.

MOBILE TEXT ALERTING

• Push mobile text alerting to provider mobile devices with SMS-based text messages

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DEM PRODUCT BRIEF

DICTIONARY METRICS:
• Aggregates ALL Meditech dictionary edits
• Aggregates non-Meditech dictionary edits
• Records old and new values
• Chronological listing of all changes
• Enhances existing dictionary audit capabilities

PC ALERTIT PRODUCT BRIEF

TYPES OF ALERTS:
The alerts are posted at the top of the Meditech workstation, as an acknowledgment screen on the PC, and/or as a bubble alert on the PC task tray.

ALERT PHYSICIANS/ USERS ON:
• Incomplete Records
• Unsigned Reports
• Incomplete Discharge Summaries
• Sepsis Alerts
• Intervention Alerts
• Readmission Alerts
• CDI Team Alerts
• Bed Reservation Alerts from the ER
• PHI Violations

ALERT DEPARTMENTS OR SYSTEMWIDE:
• Downtime Alerts
• Screenshots
• Other Deficiencies in Real Time