



EMStat™ Electronic PCR for Desktop & Mobile Computing

EMStat™ Product Description

Med-Media's EMStat™ combines the best features of a desktop and a mobile solution into one product. EMStat™ follows the progressive workflow of an EMS call and helps the user to complete patient care reporting and required data collection in a fraction of the time compared to traditional methods and other stagnant electronic solutions. EMStat™ works offline or when connected to the internet.

The screenshot displays the EMStat software interface with the following components:

- Navigation Tabs:** Dispatch, Scene, Patient, Assess, Events, Transport, Narrative.
- Signs & Symptoms:** Primary (dropdown), Associated (checkboxes for Abdominal Pain, Abdominal pain w/ other s, Click for More).
- Provider's Impression:** Primary (dropdown), Secondary (dropdown), Patient Condition (dropdown).
- Assessment Table:**

Time	Location	Description	Comments
- Chief Complaint:** Anatomic Location (dropdown), Organ System (dropdown).
- Suspected Use:** Admits Drug Use (checkbox), Admits ETOH Use (checkbox), Click for More (button).
- Right Panel:** Injury Present (checkbox), 911, Dispatch, Enroute, Arrive, Patient, Depart, Dest, Available, Quarters, Close.
- Diagram:** A human silhouette with arrows pointing to it from the Assessment table.
- Bottom:** Previous and Next navigation buttons.

EMStat™ utilizes the power of our WebCUR™ solution to automatically download updates and administrative changes each time the computer connects to the WebCUR™ system. PCR's may be reviewed online for quality assurance. Standard administrative reports may be generated at the touch of a button and customized reports may be created by using our ad hoc query builder and exporting to Excel. Additional virtual offices features such as text paging, calendaring, certification tracking and document storage are included in the system.

EMStat™ automates all functions in a manner that minimizes entry errors and effectively collects data required by the Department of Health and other Federal agencies. EMStat™ even employs visual and aural cues to indicate the absence of required data prior to closing a PCR. EMStat™ meets the requirements as defined by NHSTA 2.2 Silver compliance but is designed to meet specific requirements that vary from state to state.

Optional Modules

MM Sig and Hospital Access to ePCR's

The MM Sig module permits the agency to collect signatures from patients and professionals during transfer of care. The agency can create custom forms within the module that are unique to the organization. Paper documents, EKG strips, digital images and any other file type may be electronically attached to the PCR or Administrative view of the record. EMS personnel can electronically sign the PCR on a mobile or desktop computer. Once saved, the ePCR is stored in a .pdf format for portability. Receiving hospitals authorized for access in the WebCUR™ system can receive charts electronically.

Incoming Patient Notification

Data and information collected during the patient encounter may be entered into the mobile computer and can be wirelessly transmitted to

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the receiving hospital. This data is 128-bit encrypted and password protected. A quick report containing information such as age, sex, chief complaint, comments and estimated time of arrival are transmitted along with any data collected in the ePCR. The receiving facility is alerted to the incoming patient by a visual and aural cue. The data is available for the hospital staff.

Vehicle Rig Checks

Paper based vehicle check lists have inherent problems. A large volume of paper needs to be stored for operational and legal purposes. Searching for specifics on a specific vehicle, on a specific date and shift is manual and time consuming. Our vehicle rig check system automates this process. Alerts and SMS text messages will be transmitted to appropriate personnel for deficiencies and low inventory levels. Each entry is time and date stamped.

Performance Improvement (PI)

Med-Media's WebCUR™ system provides a robust set of tools to allow an agency to conduct quality assurance (QA), continuous quality improvement (CQI) or performance improvement measures into their current system. ePCR review may be conducted by peers, a team, managers and medical directors. Comments are entered with a date & time stamp and tracked electronically. Medical directors can review the ePCR from any web browser. This documentation is stored separately from the PCR. The feedback loop is closed by providing commentary back to the ePCR owner.

WebCUR™ Dashboard and Portal

Med-Media's WebCUR™ Dashboard Portal puts the necessary tools on one computer screen to maximize the productivity of EMS providers. Each user of the portal applet easily defines links to critical resources, news and other command and control information. Most importantly, the user may monitor system performance reports in real time while customizing the view to meet their individual and specific needs.

Administrative Reports

Managers and administrators may run reports of any type via WebCUR. Sixty standard reports are available to the user. A customized report can be developed through the ad-hoc query builder allowing the user to include any data point in the system. Additional filters can be established. Most reports may be exported to Excel.

Inventory Management

Our inventory solution is a vending machine device or locker access for supplies and equipment. The machine is connected to a network with internet access that provides immediate reporting capabilities to individuals responsible for maintaining supplies. This unique solution helps to address today's challenges of controlling your pharmacy access, tracking inventory and dispensing products according to access protocol. The system is designed to dispense pharmaceuticals via a controlled dispensing process. The system will verify multiple forms of ID and will prompt for station or dispatch specific data. All withdrawals are catalogued and regulated by professional clearance/training level. Aggregated dispensing history, alerts for low stock position, expiring product and pick lists for restocking are all available online via your secure login. This information can be printed or exported for your use with other software systems.

WebBill™

WebBill™ creates a bridge between our WebCUR™ data repository and the most popular billing software applications on the market today. WebBill™ automates the billing process for single or batch processing. Formats for the data transfer are set by third party billing software vendors. WebBill™ gives the agency the flexibility of in house billing or outsourcing to billing service providers.

Med-Media's EMStat™ combines the best features of a desktop and web-based solution into one without the connection problems associated with an Internet-dependent solution. EMStat™ follows the progressive workflow of a call and helps the user to complete their patient care document and meet data collection requirements in a fraction of the time compared to traditional methods and other stagnant electronic solutions.

EMStat™ works on mobile computing devices such as Panasonic Toughbooks, Hammerheads and any other hardware device utilizing a PC-based or XP Tablet PC-based operating system. This permits the user to collect information at scene, in the ambulance or any other location the hardware device is utilized by your agency.

Our system provides a lower total cost of ownership compared to other vendors that require major investments in server hardware to be installed at your site. EMStat™ utilizes the power of our WebCUR™ solution to automatically download updates and administrative changes. PCR's may be reviewed in real-time and online for quality assurance and CQI. Standard administrative reports may be generated at the touch of a button and customized reports may be exported to Excel by using our ad hoc query builder. Additional virtual offices features include text paging, calendaring, certification & training and document storage.

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System Requirements (Recommended)

Hardware System: A Pentium III or similar compatible processor with 512 megabytes of RAM, SVGA monitor with 1024x768 screen resolution, 2 gigabyte or larger hard drive, 56k modem, Internet access and a laser or ink jet printer.

Operating System/Web Browser: Microsoft Windows 2000, XP Professional or Windows XP Tablet PC operating system should be installed on your computer along with a current web browser. Microsoft is no longer supporting Windows 95, 98 and Windows NT, therefore limiting our ability to support issues with those operating systems.

Extent of Use

Med-Media, Inc. has over 850 service-level clients and thousands of daily users of our products across the United States and its territories. Med-Media, Inc. has developed the infrastructure for several regional and statewide systems including Pennsylvania, Nevada, Iowa, North Dakota, Hawaii, the Commonwealth of the Northern Mariana Islands and South Dakota.