



A critical STEMI management tool for EMS, hospitals, and care networks.



A powerful STEMI management tool

Medgate is a secure browser-based platform for the collection, management, and sharing of pre-hospital patient data. A patient's ECG and vital signs can be sent wirelessly to RescueNet Medgate from the patient's home, ambulance, or anywhere in the field, and this data can be accessed by remote physicians from any PC with Internet availability. RescueNet Medgate effectively links the pre-hospital and hospital environments, and allows cardiologists, emergency department physicians, or other medical professionals to assess a patient's condition remotely to help make the best treatment decisions.

For STEMI patients, every minute counts. With RescueNet Medgate, remote physicians can review a patient's 12-lead ECG before the patient arrives at the hospital. If an ST elevation myocardial infarction (STEMI) is suspected, the patient can be routed to a hospital with adequate facilities and the catheterization lab can be activated for primary PCI (percutaneous coronary intervention). This capability allows organizations to reduce critical time needed for treatment and improve outcomes for these patients. It also helps physicians to meet recommendations from major medical societies (e.g. AHA, ACC, ESC, ERC) to treat STEMI patients with primary PCI within 90 minutes. These important features make RescueNet Medgate a very powerful STEMI management tool and allow organizations to deliver best-in-class service.

Intuitive access to critical STEMI data

ZOLL® makes it easy and efficient to deliver vital STEMI patient information where it is needed, when it is needed. At the touch of a button, 12-lead ECG data is acquired and transmitted in seconds using the ZOLL E Series® monitor/defibrillator from the field to the hospital. With RescueNet Medgate, cardiologists, emergency department physicians, or other clinicians are alerted almost immediately as a new ECG comes in. They can access the patient data from any PC with Internet access, through a Web portal using secure password-protected access. RescueNet Medgate is a patient-centric system; new patient data is intuitively selected, and relevant information is displayed instantly.

System flexibility meets a variety of organizational needs

RescueNet Medgate includes multiple value-added features and tools that make the system a flexible solution to meet the specific requirements of your organization.



Medgate provides online review of 12-lead ECG including most recent vital signs.

The system will accommodate any size healthcare network regardless of the number of ambulances or hospitals served. It can seamlessly serve multiple EMS operations and hospitals in the same network while providing access only to the relevant patients.

The system can be configured to best serve the local workflow. For example, ECGs can be automatically forwarded to multiple destinations, including other information systems. They can also be displayed and printed according to local preferences.

When combined with the ZOLL E Series, you can also use RescueNet Medgate to remotely view not only a patient's 12-lead ECG but also their vital signs. This data includes:

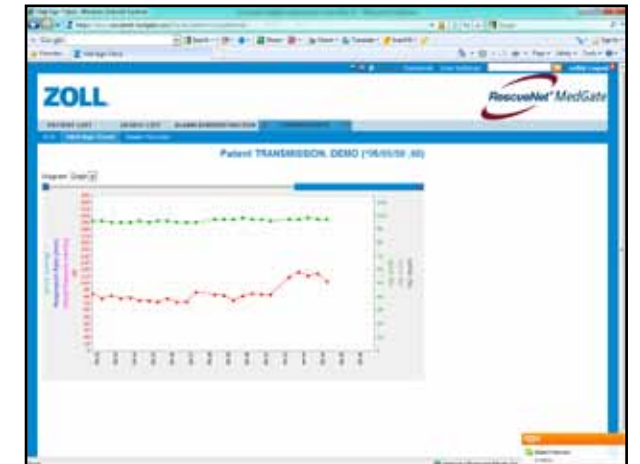
- NIBP
- HR
- SpO²
- SpMET
- EtCO²
- RR
- SpCO

The most recent vital sign values are displayed with the ECG and in a trending graph so a patient's developing condition can be assessed and monitored almost continuously from any location.

Cost-effective implementation

RescueNet Medgate provides nearly real-time access to critical patient data from any computer with Internet access. No dedicated hardware is required. No additional expensive client software is needed in order to access the patient data. Additionally, customers can choose between a hosted solution or a local on-premise installation to accommodate individual budget requirements and preferences.

This system flexibility makes RescueNet Medgate a very powerful STEMI and pre-hospital patient data management system, which provides superior value in a very cost-effective solution.



Physician can review realtime vital sign trending.



Medgate provides comprehensive management of pre-hospital patient data.

RescueNet Medgate—unique capabilities to meet your patient care needs

Only RescueNet Medgate delivers healthcare providers with:

- Centralized collection and archiving of pre-hospital patient 12-lead ECG and vital sign data
- Display of 12-lead ECG snapshots, measurements, and interpretative statements
- ECG measurement tool
- Annotation function
- Flexible printing functionality
- Automatic sending of pdfs or fax to multiple email destinations
- Extensive alert capabilities for incoming ECGs
- Clear vital sign trending graphs and tables
- Easy to add more defibrillators/monitors to transmit to the system
- Connect from any PC with Internet access
- Easy patient selection from patient list
- Password-protected access
- Encrypted data communication for security
- Compatibility with ZOLL E Series and M Series® defibrillators (other manufacturers on request)
- Interface to third-party ECG management systems on request
- Either hosted solution or local installation
- Upload of ePCRs from RescueNet Ambulance Pad



Visit www.zoll.com to learn more about RescueNet Medgate

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