# RescueNet® 12-Lead

ZOLL®

Facilitating Improved
AMI Systems of Care

Efficient management of acute myocardial infarction (AMI) has tremendous implications for patients, doctors, hospitals, and communities. The more quickly an AMI can be recognized, classified, and treated, the greater the opportunity to save heart muscle, improve patient outcomes, and prevent long-term disability, not to mention control costs. Efficient management impacts reimbursement and hospital revenue. Key to effective management is the 12-lead ECG, which enables rapid diagnosis and classification of the MI as STEMI (ST-elevation myocardial infarction) or non-STEMI. Improving the system of care for STEMI patients is the goal of the American Heart Association's Mission Lifeline initiative: The 12-lead taken in the field and transmitted to the hospital via the ambulance service has reduced door-to-balloon time in STEMI patients and has resulted in more efficient transfer of patients to hospitals with cath labs when indicated.

From the first 12-lead to case reporting: Simple 12-lead management

While many defibrillators can send a 12-lead ECG, and within the emergency department (ED), multiple devices can also deliver a diagnostic 12-lead, the ability to manage all of the 12-leads, from the prehospital setting and from the ED, is invaluable for benchmarking, improving care, and reporting. Mission Lifeline calls for utilizing efficient and accurate data collection methods to improve performance and patient outcomes.

A flexible, comprehensive tool—at no cost

Introducing RescueNet® 12-Lead, a comprehensive, flexible and simple tool to manage your 12-lead communications work flow. Because it is browser-based, RescueNet 12-Lead allows secure access to your data from any place with Internet access. This is not limited to a few computers in the ED and cath lab. ZOLL's hosted system provides highly secure and redundant management of your critical data, ensuring reliable delivery to everyone involved in the continuum of care—whenever and wherever—with no additional infrastructure or IT support burden for your organization to manage. Furthermore, RescueNet 12-Lead is provided to hospitals and EMS services at no cost. Join the thousands of agencies and hospitals currently using RescueNet 12-Lead for STEMI management.
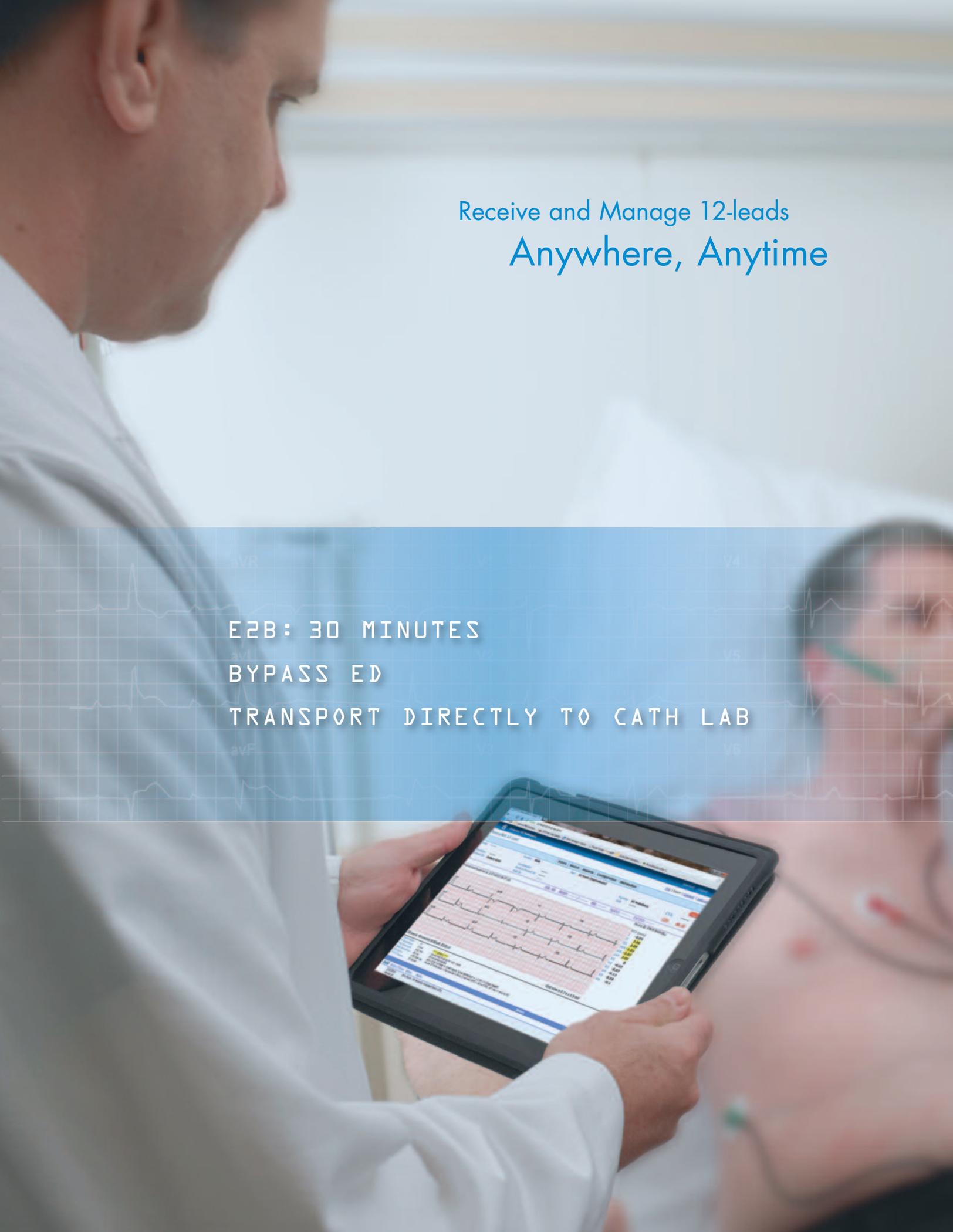
Receive and Manage 12-leads
Anywhere, Anytime

E2B: 30 MINUTES

BYPASS ED

TRANSPORT DIRECTLY TO CATH LAB

E2B: 75 MINUTES

REVASCULARIZATION ACHIEVED

Mobile computing and 12-lead management have finally met

- In the prehospital setting, thanks to its open architecture, RescueNet 12-Lead can accept 12-leads from any device and any service willing to configure its transmission to send to RescueNet 12-Lead via e-mail.

- RescueNet 12-Lead also allows you to capture information from physicians' offices, rehab centers, and skilled nursing facilities, as well as from your own emergency department.

- An acuity indicator alerts clinicians to high-risk patients.

- You can receive from any EMS service because RescueNet 12-Lead requires no EMS transmission licenses.

- STEMI referral hospitals can securely route 12-leads to your care providers while archiving the data for themselves. Setting up and managing a regional network has just become easier and more cost effective than ever before.

- RescueNet 12-Lead also enables you to distribute the 12-lead to the entire continuum of care using e-mail, fax, and mobile devices simultaneously.

- A unique EMS-to-balloon (E2B) timer enables tracking of the total time from first 12-lead through vessel opening. This key measure will provide the information EMS and hospitals need to benchmark and improve response.

- When used with ZOLL's RescueNet Link system, supplementary data are captured from various resources in the ambulance to provide greater value to the information transmitted into the RescueNet 12-Lead system. For example, with RescueNet Link, the 12-lead will include a snapshot of the patient's vital signs to alert you to patient acuity, as well as myocardial condition. And, detailed patient demographics can be provided from the EMS system to facilitate advance registration of the patient.
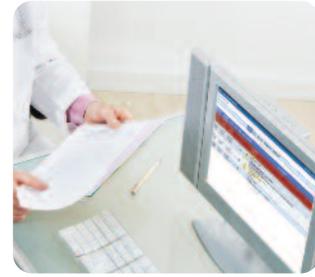
Archive, export, and report

- All 12-leads are archived so that clinicians can recall previous 12-leads from any place as long as they have Internet access; a comprehensive search feature facilitates the process.

- Seamlessly integrate your 12-lead data with your PCS system via direct export to MUSE®.

- Supports the monitoring and reporting steps outlined in Mission Lifeline to create an ideal system of care.

- Capturing the time-to-balloon from EMS contact enables better management of the entire process, from prehospital STEMI identification to intervention.

- System activity reports provide information to manage workflow.

Simple, secure, and free

- Encrypted and password-protected information complies with HIPAA and HITECH.

- Hosted solution avoids complex IT involvement.

- No cost, no fees.
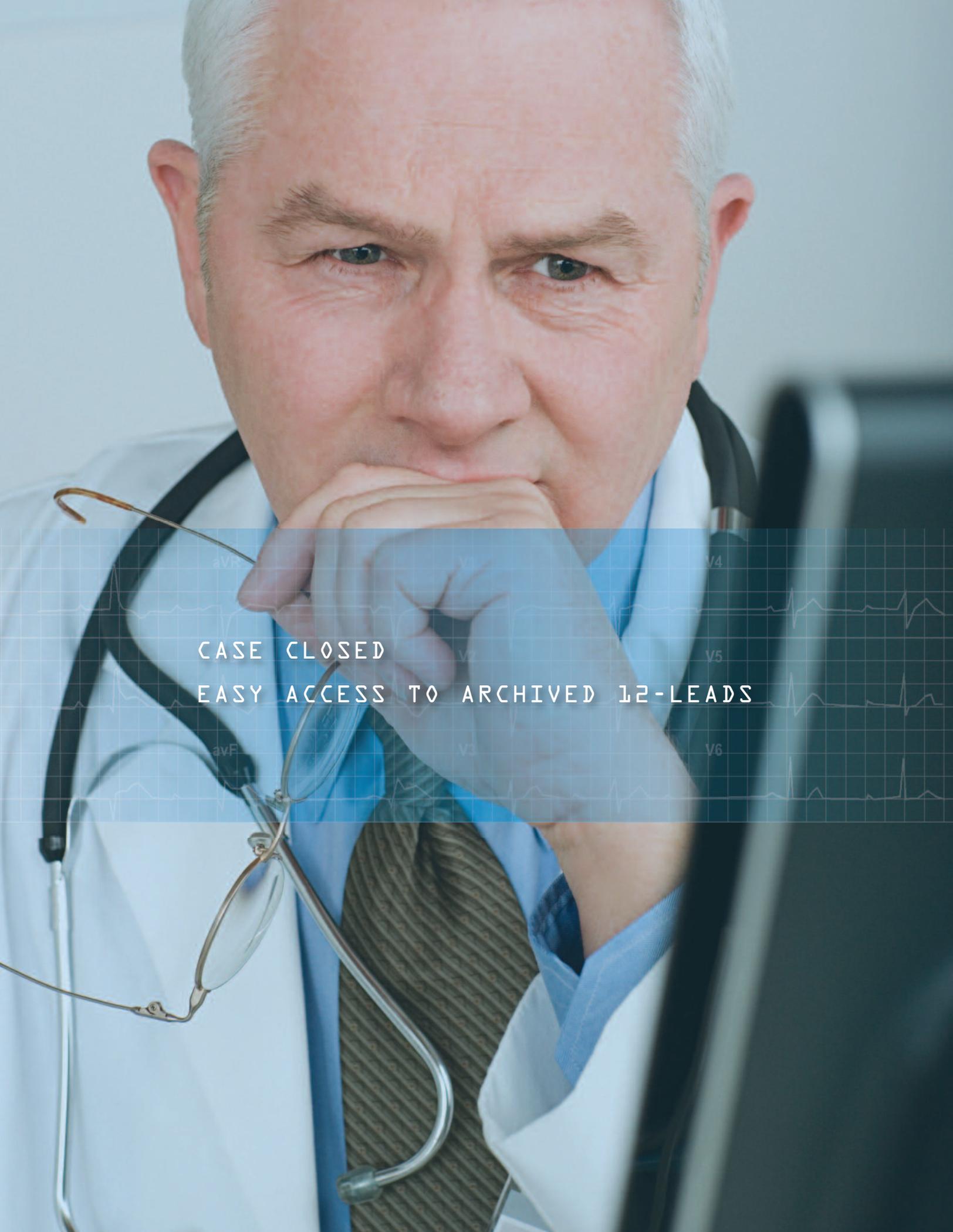
CASE CLOSED
EASY ACCESS TO ARCHIVED 12-LEADS

UNIVERSAL ACCESS AND MAXIMUM
FLEXIBILITY TO MANAGE 12-LEADS

ZOLL Medical Corporation, an Asahi Kasei Group company, develops and markets medical devices and software solutions that help advance emergency care and save lives, while increasing clinical and operational efficiencies. With products for defibrillation and monitoring, circulation and CPR feedback, data management, fluid resuscitation, and therapeutic temperature management, ZOLL provides a comprehensive set of technologies that help clinicians, EMS and fire professionals, and lay rescuers treat victims needing resuscitation and critical care. For more information, visit www.zoll.com.

The Asahi Kasei Group is a diversified group of companies led by holding company Asahi Kasei Corp., with operations in the chemicals and fibers, homes and construction materials, electronics, and health care business sectors. Its health care operations include devices and systems for critical care, dialysis, therapeutic apheresis, transfusion, and manufacture of biotherapeutics, as well as pharmaceuticals, diagnostic reagents, and nutritional products. With more than 25,000 employees around the world, the Asahi Kasei Group serves customers in more than 100 countries. For more information, visit www.asahi-kasei.co.jp/asahi/en/.

**ADVANCING
RESUSCITATION.
TODAY.**®

**ZOLL Medical Corporation
Worldwide Headquarters**
269 Mill Road
Chelmsford, MA 01824
978-421-9655
800-348-9011

For subsidiary addresses and fax numbers, as well as other global locations, please go to www.zoll.com/contacts.

ZOLL®