



The advantages of choice

Philips HeartStart Data Management solutions for ALS professionals

PHILIPS



- Immediate transmission of 12-lead ECG reports
- Data download and transfer
- Code event documentation and storage
- Case and QA reporting
- Exchanging code data with 3rd party applications

Philips provides a variety of software solutions for capturing, transmitting, and integrating the event data collected by your HeartStart monitor/defibrillators and automated external defibrillators (AEDs). And now you can document, store, track, and analyze clinical and operational performance to ensure continuous improvement.

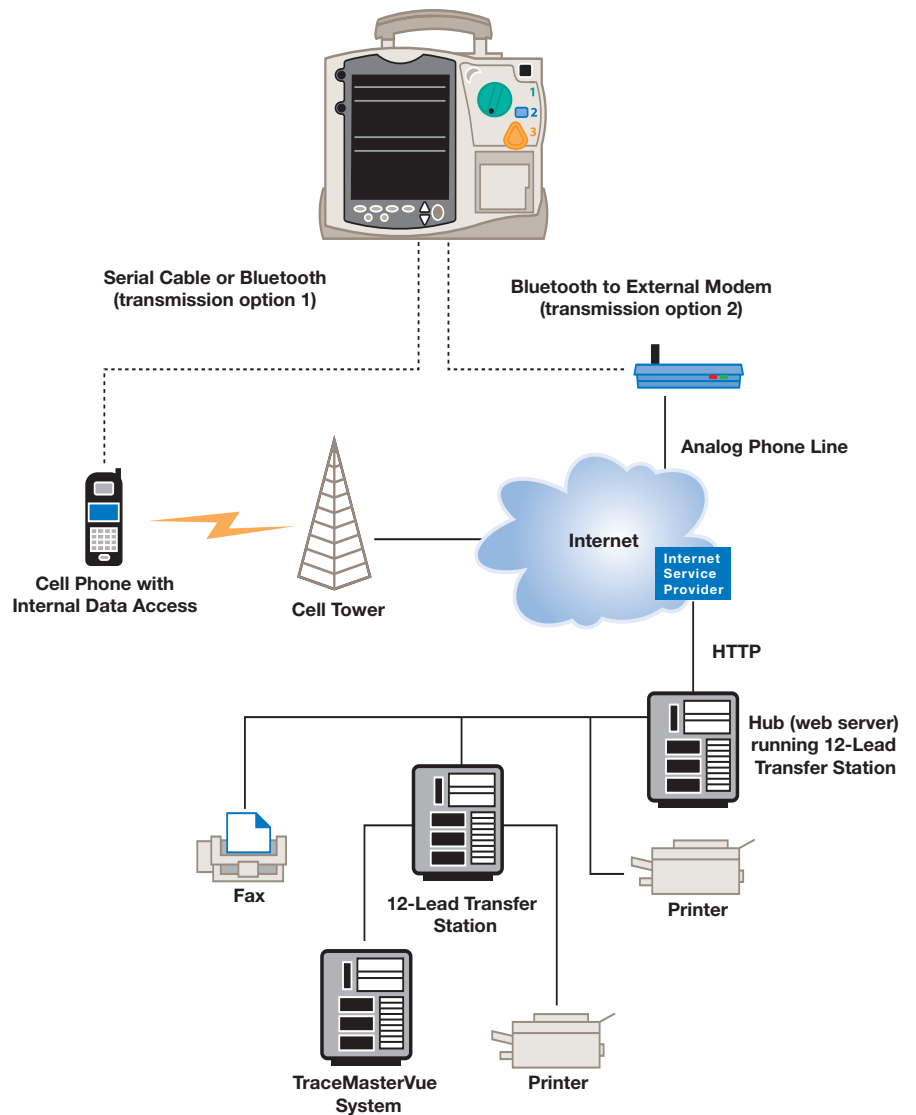
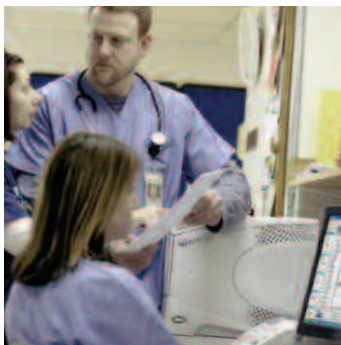
Philips solutions are flexible and, as with all our resuscitation products, each application was designed and developed in cooperation with customers like you, who helped us shape and refine them for real-world use. Should you ever need assistance, our technical support team can help you, either by phone or online. It's important to us that your experience with our products meets your high standards.



Point-of-Care 12-Lead ECG Transmission

The HeartStart MRx monitor/defibrillator supports the immediate transmission of a 12-lead ECG report acquired at the patient's side, sending it ahead to one or more destinations for time-critical patient care decisions. This gives the Emergency Department and/or Catheterization Lab a head start in preparing for patient care while the patient is still en route.

- Easy and flexible implementation
- Fast, reliable delivery via the internet
- Data secured with industry-standard Blowfish encryption
- Bluetooth® wireless networking between the MRx and cell phone
- Clear, readable reports available via display, printer or fax



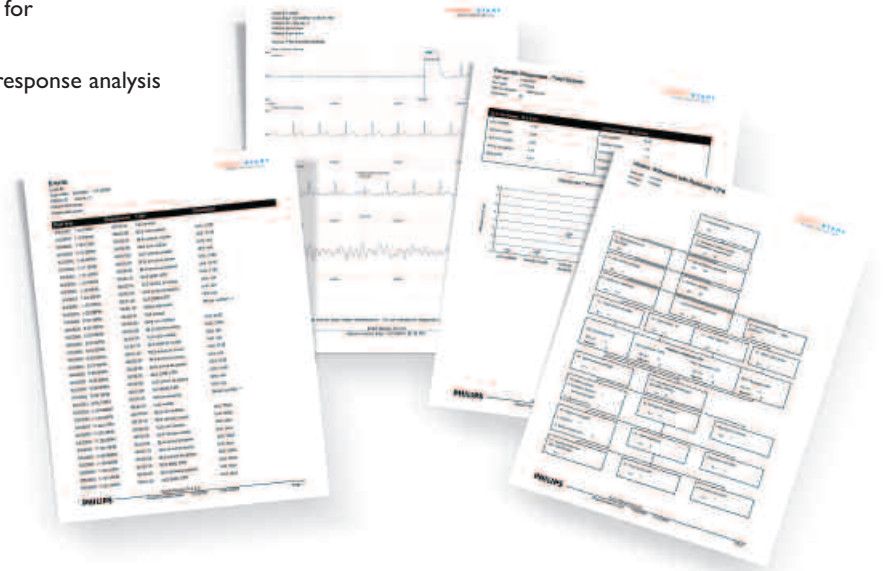
Installed on an Internet-connected server, HeartStart 12-Lead Transfer Station can be set to display and/or print out a 12-lead report as well as fax the report to one or more destinations. You can also forward a report from one HeartStart 12-lead Transfer Station to another or to your hospital's TraceMasterVue ECG Management System.

HeartStart Event Review Pro is an easy-to-use data management application for collection and storage, case review, response analysis, data trending, and reporting. It captures and presents ECG case data, including shocks, interventions and audio (if recorded), from your Philips, Hewlett-Packard, Agilent and Laerdal defibrillators, then allows you to round it out with case details by adding notes and completing data entry screens.

- Complete, accurate capture of event and outcome data for documentation and billing
- Informative reports for individual case or system-wide response analysis
- Friendly, customizable user interface
- Adaptable implementation to fit your operation

HeartStart Event Review Pro enables you to combine a patient's ECGs, 12-lead reports and monitoring data from multiple defibrillators, including AEDs, into one case, for a complete event history. You can view event and Utstein reports, then aggregate cases to support a system-wide view of your resuscitation efforts. Perform ad hoc queries of the database and even develop custom reports using Crystal Reports™ reporting software. Event Review Pro can be installed on a standalone PC or a multi-user network. Site licenses are available.

Collection, Analysis and Reporting



Standard reports include: Case Details; Events; ECG; Pre and Post Shock; Arrests Not Witnessed; Witnessed with Bystander CPR; Witnessed No Bystander CPR; System Average Responses; System Percentile Responses; Unit Average Responses; and Unit Percentile Responses.



Using familiar and intuitive program features and plenty of on-screen help, you can quickly locate and utilize the functions you need or let the automated wizards walk you through screens.

Event Review Suite

Event Review Pro is the central data station of the Event Review Suite, which includes software for AED configuration and case capture, downloading and forwarding tools.



With HeartStart Configure, installed on a palmOne™ handheld PDA, you can change the settings on your HeartStart FRx and OnSite (HS1) defibrillators.

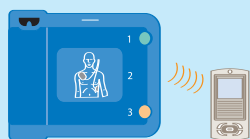
Data Interoperability with 3rd Party Software

There are many Patient Care Record (PCR) systems to choose from, and our HeartStart Data SDK, software developer's kit, enables you to use whichever system best fits your organization, separate from your choice of defibrillator. HeartStart Data SDK is a set of tools to help software developers create applications that map data from your HeartStart MRx monitor/defibrillators and FR2+ AEDs to the corresponding fields in their products.

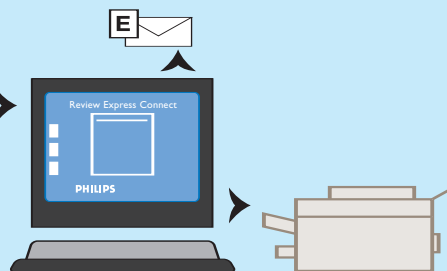
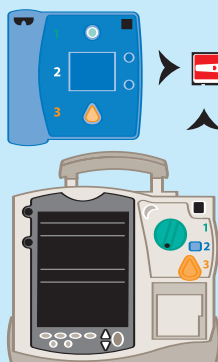
- Open – allows any third-party PCR software, including systems developed by your own IT department, to integrate Philips event data
- Written using the latest development tools (C#, .Net, XML)
- Data presented in NEMESIS compliant data schema

HeartStart Data SDK, using industry-standard technologies such as C#, .Net and XML, runs on MS Windows 2000 and XP and produces custom programs compatible with other Windows-based applications. The development environment contains everything a software developer needs to build and test code for their application: dynamically linked libraries (DLLs), a developer's guide, sample application code and sample data for testing. The software's runtime component allows for HeartStart event summary data (patient parameters and events) to be parsed and copied into the patient care record.

There is a growing number of software companies using HeartStart Data SDK to make their PCRs compatible with HeartStart defibrillators, which means more choices for you.



With HeartStart Case Capture, installed on a palmOne™ handheld PDA, you can download event data from your HeartStart FRx and OnSite (HSI) defibrillators without removing them from service.



And HeartStart Review Express Connect helps you download, view, print and e-mail ECG data to Event Review Pro, or other central data station.

**Philips Medical Systems is part of
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Interested?

Would you like to know more about our imaginative products? Please do not hesitate to contact us.

We would be glad to hear from you.

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Built to perform and backed by Philips

HeartStart Event Review Pro, 12-Lead Transfer Station and Data SDK belong to the HeartStart Data Management Suite. All HeartStart data management products are built on industry-standard technologies and designed for maximum simplicity to help expedite effective patient care.

To learn more about HeartStart data management solutions and Philips Medical Systems, contact your local sales representative or visit www.philips.com/heartstart.

Philips—the trusted choice

- One of the world's largest medical products companies with annual revenue of over \$6 billion
- History of innovation. Philips introduced the medical X-ray tube in 1918, the audiocassette in 1963, and the first VCR; the company also created CD-ROM technology
- With over 275,000 automated external defibrillators installed, Philips has more AEDs on the job, in the air, in the classroom and in your neighborhood than anyone else
- Over 5 billion HeartStart Defibrillator service hours logged, with an additional 4.8 million hours added every day
- Over 17 % of Fortune 1000 companies, 8 out of 10 major airlines and 43 professional sports teams rely on Philips HeartStart Defibrillators
- The first defibrillator cleared for over-the-counter use — HeartStart Home Defibrillator

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