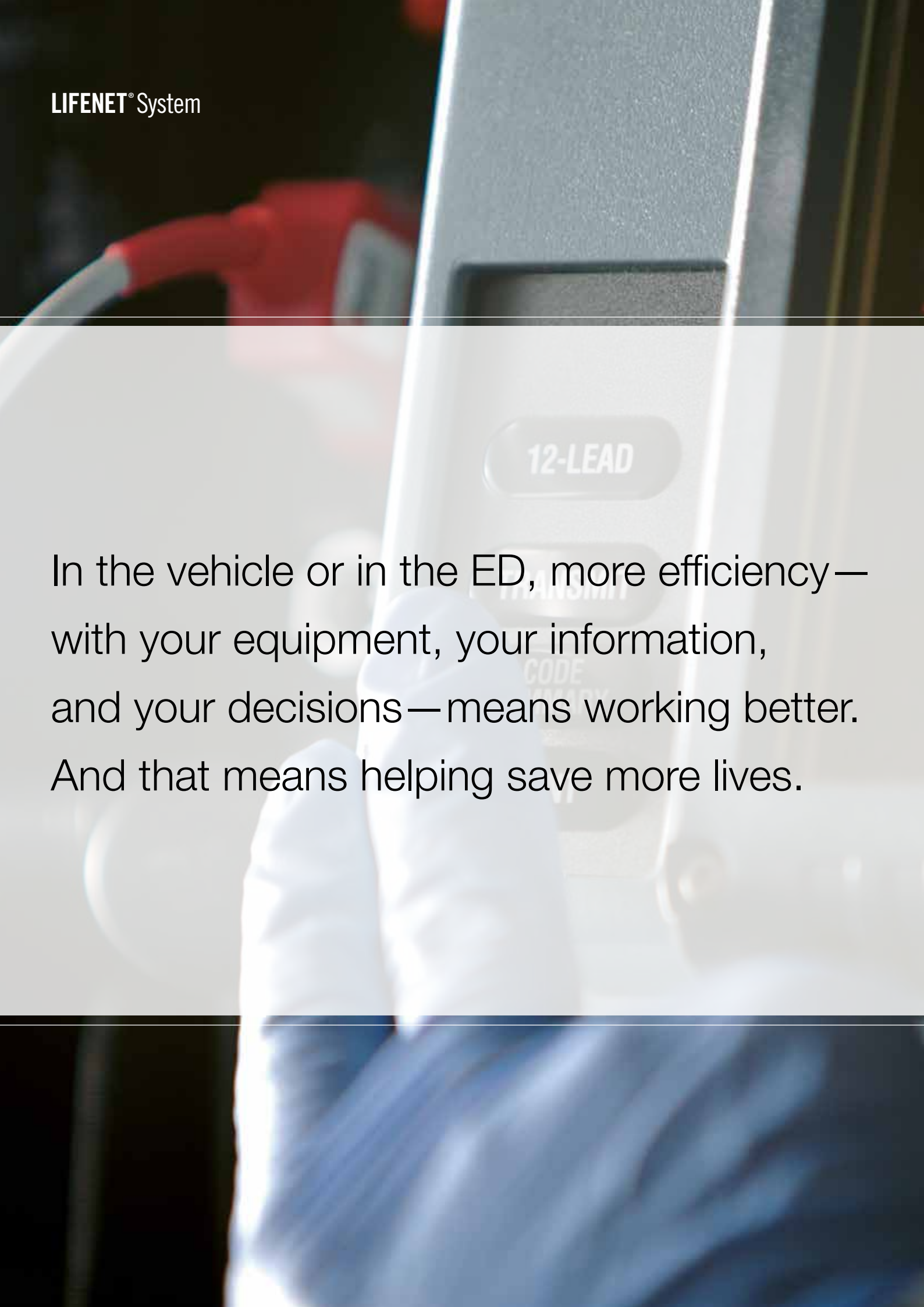





**LIFENET<sup>®</sup> System**

LIFENET® System



In the vehicle or in the ED, more efficiency—  
with your equipment, your information,  
and your decisions—means working better.  
And that means helping save more lives.




## LIFENET System 5.0: The next generation of efficiency and patient care is here.

**With innovative technology and the most advanced functionality in the market, LIFENET System 5.0 is a comprehensive web-based network that seamlessly mobilizes data to increase efficiency across the care continuum and deliver critical information to help your care teams reduce time to treatment.**

With LIFENET 5.0, your EMS crews have trusted tools for streamlining their response protocol and making a greater impact on in-hospital patient care. Your hospital clinicians have detailed advance notice of a patient's arrival and an unrivaled set of emergent data for managing their care. And a more efficient community of responders—empowered by the ability to share important information across devices and organizations—can stay connected to superior decision support as they work to save lives.

LIFENET 5.0 is the latest LIFENET System technology from Physio-Control. For more than 50 years, Physio-Control has delivered innovative devices and technologies designed specifically with the needs of first responders and clinical care providers like you in mind. We've applied that experience—and the input of hospital and pre-hospital professionals who use our tools in the real world every day—to help LIFENET System 5.0 deliver critical insight and improved patient care for your organization.

*The LIFENET System portfolio of advanced, proven tools and professional services spans the entire continuum of care.*



# When caregivers can do more, organizations run better.

Response teams—in the field or in the hospital—are focused on saving patients' lives, and the technology they use should help them provide treatment faster and more efficiently. With a subscription to LIFENET 5.0, your EMS or hospital organization gets a powerful web-based platform that makes work more efficient, helps reduce time to treatment and allows you to keep your focus where it belongs—on patients, not technology.

On site with patients, EMS teams can rely on LIFENET 5.0 to increase the effectiveness of the data they gather, without the burden of managing the technology. The ePCR data integration features of LIFENET 5.0 give them the power to capture more information on patient status—including vital signs, patient ID and chief complaint information—and then use the simple LIFENET PC Gateway-interface to add that data to their hospital-bound 12-lead ECG. When medics are ready to submit their final event report to the hospital, LIFENET ePCR Delivery lets them use their existing, trusted LIFENET

connection from the field to deliver it as a PDF to be easily stored or printed.

At the hospital, LIFENET Alert consolidates all EMS transmissions on a patient into a single record, quickly providing a clearer progression of patient status without adding additional data management steps for your staff. That means more time for planning and preparing the right treatment, faster transfer of care, and ensuring that patients are sent to the most appropriate department. And because clinicians already have access to critical prehospital 12-lead data via LIFENET 5.0, there's no need to spend time duplicating processes when the patient arrives.

Once a STEMI patient is in the hands of the hospital care team, LIFENET OnePush—unique to LIFENET 5.0—provides automated protocol activation and team member notifications, helping clinicians respond more quickly and reducing their workload.



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**Comprehensive**

LIFENET 5.0 goes far beyond simple data transmission, providing a full suite of tools that connect prehospital and hospital environments, delivering a higher level of data for immediate care intervention and post-event review, and helping manage the technology assets that help save lives.

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**Seamless**

Physio-Control operates the data centers that support LIFENET 5.0, providing high security and data redundancy, and relieving EMS and hospital IT organizations of hosting, management and support burdens.

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**Mobile**

The new LIFENET Consult feature makes LIFENET 5.0 a uniquely mobile solution, allowing remote clinicians to perform consults and add decision support value no matter where they are.

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**Efficient**

By collecting additional ePCR information from EMS teams and sending it along with 12-lead ECG data, LIFENET 5.0 helps reduce time to treatment and improves efficiency in today's increasingly crowded and time-critical emergency department environment.

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**Dependable**

LIFENET is proven, trusted Physio-Control technology, from the same manufacturer of defibrillator/monitors that hospitals and EMS organizations rely on every day in critical lifesaving situations.

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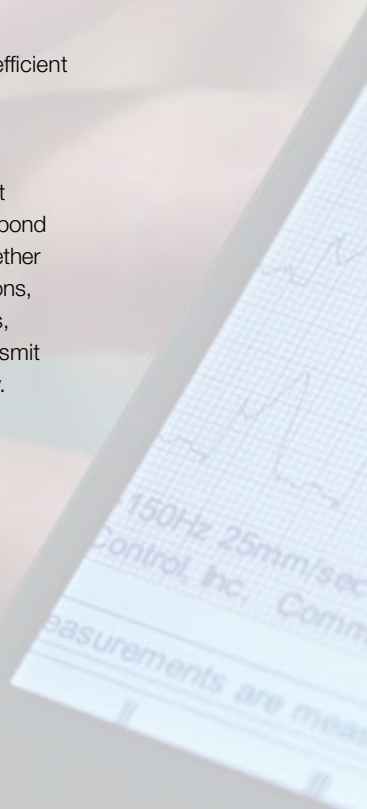
## Connecting information and teams, across devices and regions.

Working remotely shouldn't limit caregivers from providing their vital expertise. With LIFENET Consult, an interactive iPhone® application new with LIFENET 5.0, a hospital-based clinician now can interact with a remote physician to speed critical decisions such as identifying a STEMI, activating air support, rerouting to a PCI facility and more.

Using devices from different manufacturers should never stop care teams from giving patients their best chance of survival either. Unlike any other communication system available today, LIFENET 5.0—with its innovative LIFENET Adapter technology—allows hospitals to standardize on one system and receive 12-lead ECGs from the field regardless of defibrillator/monitor manufacturer. That means a more seamless transition in care between EMS teams and the hospital, and a greater opportunity

for clinicians and decision makers to establish efficient regional systems of care—a growing priority that Physio-Control recognizes and supports.

LIFENET 5.0 provides a variety of options to meet the connectivity needs of EMS teams as they respond to patients and communicate with hospitals. Whether they choose to use existing ePCR data connections, cellular broadband modems, or Wi-Fi gateways, LIFENET 5.0 makes it possible for them to transmit critical data seamlessly, effectively and securely.



## What's new in LIFENET 5.0

### LIFENET Consult

- Mobile application for the iPhone
- Allows clinicians to perform remote consults and provide remote decision support
- Enables rapid response to emergent patient data
- Increased clinical efficiency

### LIFENET OnePush

- Automated protocol activation
- Contacts all necessary personnel at once, from cardiologist to cath lab to pharmacy
- Reduces clinician burdens and decreases workload
- Build-your-own activation list
- Automatically time-stamps specified events
- Notification options via email, text, or LIFENET Alert

### LIFENET ePCR Delivery

- EMS is able to deliver ePCR reports via the LIFENET System
- Uses the existing LIFENET infrastructure
- Allows EMS to meet timelines efficiently
- Direct delivery to hospital
- Provided in electronic and/or printed format

### Enhanced Data Collection

- Gather more data about patients in pre-hospital environment
- Automatically capture data from ePCR applications\*
- Data automatically sent to hospital with every 12-lead ECG
- Collect more hospital data points directly within LIFENET Alert
- Help collect registry data elements

### LIFENET Asset

- Enhanced device data displayed on LIFENET website
- View device readiness and receive alerts to changes in device readiness
- Manage setup options
- Monitor device usage
- Manage and deploy device software updates according to your own schedule

\* Requires ePCR vendors to implement LIFENET SDK 9.0

## More efficient care, and the tools to manage it.

For an EMS organization, equipment is an essential investment in the effectiveness of response teams and the success of patient care. But because that equipment spends its time away from a central base—in a vehicle, being used to save patients—it can be challenging to manage. LIFENET 5.0, with new web-based LIFENET Asset, uses a simple dashboard view that makes it easier to track the status of equipment—from location to battery life to usage—upload necessary software updates, and manage setup options, even across a fleet of devices.

LIFENET 5.0 also makes data transmission and analysis from those devices more powerful for EMS teams. LIFENET Connect lets crews utilize their wireless connection to transmit LIFEPAK 12 and LIFEPAK 15 monitor data into CODE-STAT™ software

to help strengthen quality assurance and improvement initiatives focused on cardiac arrest response. CODE-STAT works with LIFENET 5.0 to facilitate post event reviews by providing clear summary data and detailed case data to give EMS organizations a better picture of their responses to codes. This valuable feedback can dramatically improve efficacy of code response and CPR, and assist organizations in determining where to direct training resources, which specific areas to target for improvement, and how they can help their teams meet performance goals.

For hospitals, where connectivity and managing data is a constant focus, LIFENET Archive and LIFENET Export provide flexible solutions that allow hospitals to store 12-lead ECG and vital signs reports locally and send 12-lead ECG data to their electronic record systems.





## Clinical Management

### LIFENET Transmission Subscription

Core transmitting subscription for EMS. This allows EMS agencies to get their LIFEPAK device onto the LIFENET System so that it can transmit (device gateway also required, sold separately).

### LIFENET Alert Subscription

Core receiving subscription for hospitals. This allows hospital-based care teams to receive information from the field, either through LIFENET Alert, text messages or emails.

### LIFENET Referral Hospital Subscription

Core receiving subscription created specifically for referral hospitals. This allows referral hospitals to receive information from the field and share that data with PCI-capable hospitals to alert care teams of an incoming patient.

### LIFENET Alert

Software included as part of the LIFENET Alert subscription that is downloaded on a hospital's existing Windows® PC. This allows hospital-based care teams to receive alerts and emergent data related to incoming patients.

### LIFENET Consult

Mobile application to provide remote physicians with consult and decision support tools.

### LIFENET OnePush

Software that allows care teams to quickly activate protocols and distribute associated alerts.

### LIFENET Adapter

Software installed on third party 12-lead management systems allowing 12-lead ECG images from competitive devices to be sent through the LIFENET System. This allows hospitals to standardize on one system to receive information and alerts from the field.

## Operational and Data Management

### LIFENET Asset

Web-based tool to track equipment, manage setup options across an entire fleet, and update device software.

### LIFENET Archive

Allows storage of 12-lead ECG data on a local Windows machine.

### LIFENET Connect

Allows patient case data to be sent to CODE-STAT software directly from the LIFEPAK device through the same device gateway used to transmit 12-lead ECGs. This allows medics to send data to CODE-STAT software directly from the ambulance.

### LIFENET Export

Allows hospitals to export the information they received from the field into their downstream record management systems. Data can be exported directly into GE MUSE or other applications, such as Philips® TraceMaster, that can import image files.

### LIFENET PC Gateway

Software installed on a computer (i.e., a tablet PC) that can receive information from a LIFEPAK device and send that information to the LIFENET System using the computer's existing Internet connection. This allows EMS teams to either manually enter additional patient information to attach to a 12-lead or data can automatically be attached from ePCR application.

### CODE-STAT Software

Post-event review software which allows users to play back cases and provides access to continuous ECG data, chest compressions, and CPR statistics. This powerful QA/QI tool can help organizations meet current guidelines.

### DT EXPRESS Software

Software used to download data from LIFEPAK devices into a computer.

### LIFENET ePCR Delivery

Allows EMS crews and hospital teams to work more efficiently by delivering patient reports directly to the hospital via the LIFENET System.

# Physio-Control Family of Products

## Defibrillators/Monitors

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### **LIFEPAK CR® Plus Automated External Defibrillator**

Featuring the same advanced technology trusted by emergency medical professionals—yet simple to use—the fully-automatic LIFEPAK CR Plus AED is designed specifically for the first person to respond to a victim of sudden cardiac arrest.

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### **LIFEPAK® 1000 Defibrillator**

The LIFEPAK 1000 Defibrillator is a powerful and compact device designed to treat cardiac arrest patients and provide continuous cardiac monitoring capabilities. Built-in flexibility allows the 1000 to be programmed for use by first responders or professionals and enables care providers to change protocols as standards of care evolve.

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### **LIFEPAK® 15 Monitor/Defibrillator**

The LIFEPAK 15 monitor/defibrillator is the new standard in emergency care for ALS teams who want the most clinically innovative, operationally effective, and LIFEPAK TOUGH device available today.

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### **LIFEPAK® 20e Defibrillator/Monitor**

Clinically advanced and packed with power, the LIFEPAK 20e defibrillator/monitor is highly intuitive for first responders, and also skillfully combines AED function with manual capability so that ACLS-trained clinicians can quickly and easily deliver advanced therapeutic care.

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## CPR Assistance

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### **LUCAS® Chest Compression System**

Designed to provide effective, consistent, and uninterrupted compressions according to AHA Guidelines, LUCAS can be used on adult patients in out-of-hospital and hospital settings.

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## Information Management

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### **LIFENET® System**

The LIFENET System provides EMS and hospital care teams with reliable, quick access to clinical information through a secure, web-based platform, helping to improve patient care flow and operational efficiency.

### **CODE-STAT™ 9.0 Data Review Software**

CODE-STAT 9.0 data review software is a retrospective analysis tool that provides easy access to data, reports, and post-event review.

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# Connection and efficiency in the service of better care.

Choose the comprehensive LIFENET System 5.0 from Physio-Control and give your organization the power to share critical emergent data among responders, increase the efficiency of your care teams, and deliver better care to the patients who need it.

Contact a Physio-Control sales representative or visit [www.physio-control.com](http://www.physio-control.com) to learn more.

For further information please contact your local Physio-Control representative or visit our website at [www.physio-control.com](http://www.physio-control.com).



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