

# Defibrillator Dashboard



Maintenance and Support  
**SIMPLIFIED**

ZOLL® brings the exceptional support capability you've come to expect from sophisticated monitors and ventilators to R Series® monitor/defibrillators. Defibrillator Dashboard™ is an asset management tool that optimizes defibrillator readiness and increases efficiency for the biomedical engineering team.

## Streamlined Fleet Management

The most common reason that a defibrillator is not ready to use is a simple one: no electrodes. This problem can be easily fixed, but only if you know the electrodes are missing. Defibrillator Dashboard notifies you before they are needed.

Defibrillator Dashboard can provide a quick snapshot of the overall health of the entire defibrillator fleet—whether they're all in one building, scattered throughout an urban city campus, or even if they're in remote locations. It's designed to save time and add value by ensuring a defibrillator is ready to go the second it's needed.

## Daily Status Update

The R Series conducts a comprehensive self-test of 110 individual indicators of readiness once a day. Using standard 802.11 a/b/g/n wireless technology, it relays the state of readiness to Defibrillator Dashboard. These data are compiled into a secure, web-based report that can be viewed on a PC or mobile device. You'll know the status of every R Series every day.



**EMERGENCY**



## Convenient and Customizable

Defibrillator Dashboard is customizable. For example, if a defibrillator fails the daily self-test, you can opt to receive an e-mail alert with the reason for the failure and identification/location information from the asset tag. Minor issues such as an unplugged defibrillator can be easily rectified with a phone call to the nurses' station. But if a battery needs conditioning, for example, or the device fails the 30-joule shock test, biomedical engineering has a heads-up that a defibrillator needs attention.

The sorting feature allows quick assessment of future electrode expiration, by software revision, and by the last date of a device reporting into Defibrillator Dashboard.

In addition, defibrillator fleet information can be imported quickly with Microsoft Excel files. Data can also be exported for record keeping.

Defibrillator Dashboard helps you stay on top of defibrillator maintenance:

- Comprehensive daily report on fleet's state of readiness
- Readiness check includes defibrillation, pacing, and ECG modules; AC power; battery; 30-joule shock test; electrodes attached and not expired
- Remote viewing and administration from PC or mobile device
- User customizable: only display defibrillators that failed last self-test
- History of readiness logs for The Joint Commission



## Clock Sync

The defibrillator clock is synced daily, eliminating biannual manual changes for daylight saving time





Comprehensive daily report with asset tags and locations



Remote viewing and administration from PC or mobile device



Customize to display only defibrillators that failed self-test



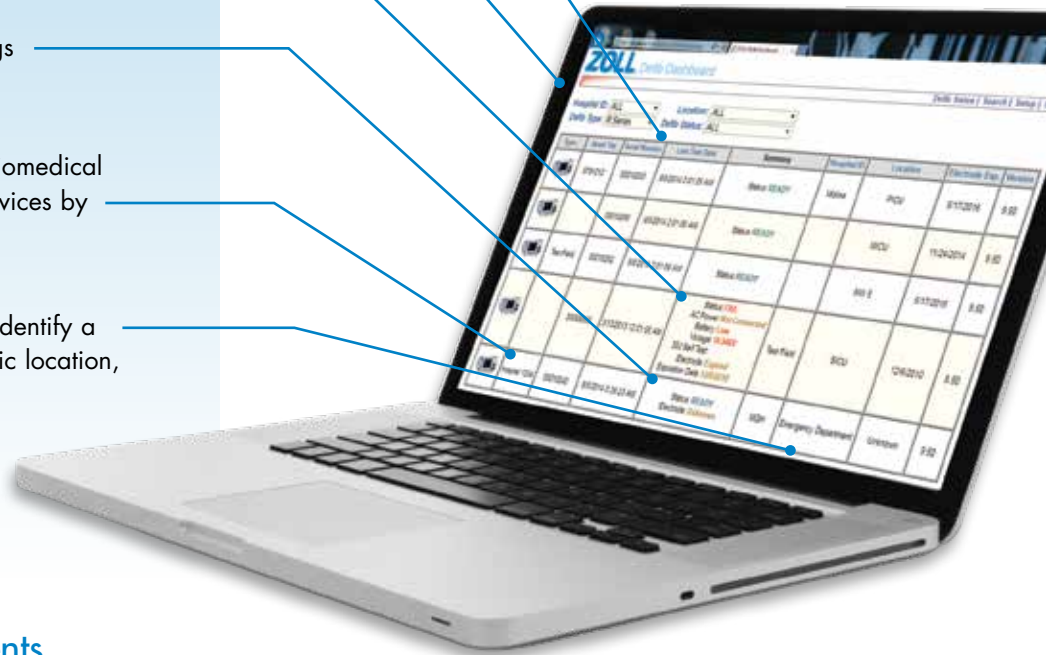
History of readiness logs



Asset Tag that allows biomedical engineering to track devices by internal nomenclature



Hospital ID field helps identify a defibrillator by a specific location, building, or campus



## Readiness in Dollars and Cents

A survey of five hospitals explored the cost of maintaining defibrillator readiness. Taking into account the four most typical “readiness” activities, the survey found that each defibrillator can consume as much as 76 hours of nursing and clinical engineering time each year, with an associated annual cost in excess of \$2,600 per unit.<sup>1</sup> This includes manual testing and the time required to change the clocks each spring and fall because of daylight saving time.

With ZOLL’s clock sync feature, the need to manually reset the clock on every defibrillator is eliminated. Not only is clock sync important for daylight saving time, it also addresses time drift—a major concern for medical devices. Just one more way the R Series with Defibrillator Dashboard streamlines code readiness.

**Defibrillator Dashboard is designed to maximize efficiency and ensure defibrillator readiness.**

<sup>1</sup>Benson D, et al. The cost of maintaining defibrillator readiness, a five-hospital survey. *J Clinical Engineering*. 2010;35:1:32-38.

## ZOLL MEDICAL CORPORATION

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