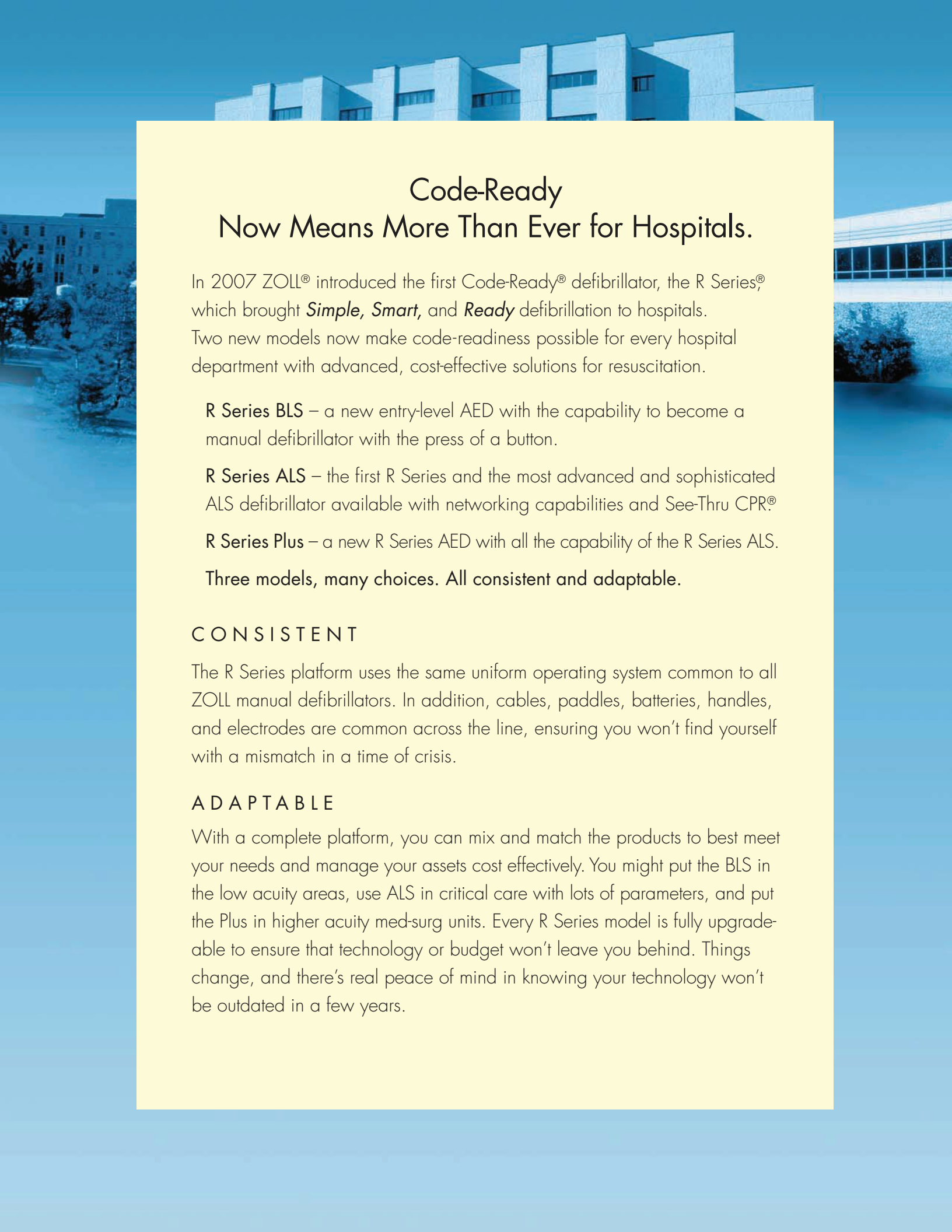




Simple. Smart. Ready.
Whatever your needs, whoever responds.





Code-Ready Now Means More Than Ever for Hospitals.

In 2007 ZOLL® introduced the first Code-Ready® defibrillator, the R Series®, which brought *Simple, Smart, and Ready* defibrillation to hospitals. Two new models now make code-readiness possible for every hospital department with advanced, cost-effective solutions for resuscitation.

R Series BLS – a new entry-level AED with the capability to become a manual defibrillator with the press of a button.

R Series ALS – the first R Series and the most advanced and sophisticated ALS defibrillator available with networking capabilities and See-Thru CPR®

R Series Plus – a new R Series AED with all the capability of the R Series ALS.

Three models, many choices. All consistent and adaptable.

CONSISTENT

The R Series platform uses the same uniform operating system common to all ZOLL manual defibrillators. In addition, cables, paddles, batteries, handles, and electrodes are common across the line, ensuring you won't find yourself with a mismatch in a time of crisis.

ADAPTABLE

With a complete platform, you can mix and match the products to best meet your needs and manage your assets cost effectively. You might put the BLS in the low acuity areas, use ALS in critical care with lots of parameters, and put the Plus in higher acuity med-surg units. Every R Series model is fully upgradeable to ensure that technology or budget won't leave you behind. Things change, and there's real peace of mind in knowing your technology won't be outdated in a few years.

The R Series BLS

Simplicity that Helps Save Lives.

Early defibrillation is critical to resuscitation success, but if a shock is delayed because the front-line staff is reluctant to deliver a shock, it's not likely to happen quickly.¹ At the same time, installing an AED designed for a layperson means you will need to change defibrillators and possibly cables and pads in order to provide ALS care, thus losing critical time to treatment.

R Series BLS shows first responders a simple, one-button AED interface. When the Code Team arrives, they can simply press a button to turn the BLS into a full-function manual defibrillator. All chosen parameters are functional and if installed, the pacing controls are revealed.

This entry-level model allows hospitals with tight budgets to deploy R Series technology now, and add more capability such as WiFi communication and See-Through CPR later. R Series BLS is particularly good for low acuity areas, where advanced capabilities are rarely needed.





The R Series ALS

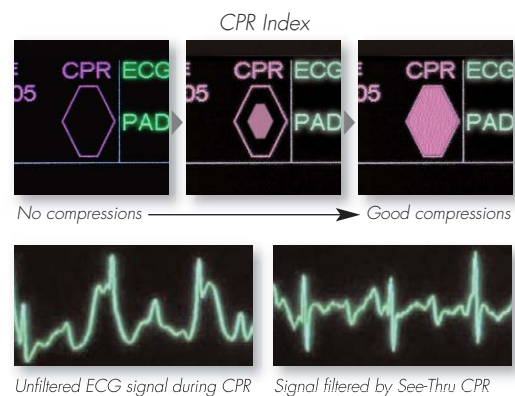
Advanced Capabilities for Experienced Users.

The R Series ALS continues to meet the needs of ALS providers the world over, and additional features and parameters are being added on a regular basis. This unit is ready to accept all the currently available and future parameters that are in development.

WiFi capability is now available. With the addition of a wireless card, R Series can now download and transmit code data wirelessly. An optional software program, Defibrillator Dashboard™ is available that can further reduce your total cost of ownership. Defibrillator Dashboard will automatically notify clinical engineering if a defibrillator is not ready, and even allow for total remote troubleshooting and monitoring of the defibrillator fleet. And this same capability can be extended to every model of the R Series – *on your budget and timetable.*

CPR Feedback

CPR quality is critical to successful resuscitation.² All ZOLL defibrillators offer Real CPR Help® to coach responders to the correct depth and rate. R Series ALS and Plus provide See-Through CPR to reduce interruptions by allowing clinicians to visualize an underlying organized rhythm without interrupting perfusion.



The R Series Plus

Simplicity, Sophistication, and Technological Superiority, all in a Single Defibrillator.

The R Series Plus is unmatched; it's truly two units in one, designed specifically for the hospital environment. Unlike the entry-level R Series BLS, the Plus is ready now to use all the parameters and tools available for the R Series ALS. Standard WiFi capability allows simple capture of monitoring and code data. And wireless capability combined with Defibrillator Dashboard software allows remote troubleshooting to ensure code readiness and simplify recordkeeping. BLS-trained first responders can easily use the R Series Plus. It offers them Real CPR Help to coach them through CPR. Yet, with the press of a button, it converts into a full-featured ALS model for advanced life support.

For those who want total AED/ALS flexibility and comprehensive capability, including wireless monitoring and asset management, R Series Plus is the ideal choice.



The R Series Plus can go from BLS to ALS with the touch of a button.

Change to manual ALS
at the touch of a button



Solutions Extend to Specialized Situations.

- o Public areas are best served with AEDs in wall-mounted cabinets, so our electrodes are completely compatible with the R Series line. No need to switch pads, look for connectors, or change out electrodes in the midst of chaos.
- o Because kids are not small adults, all the R Series defibrillators feature a pediatric analysis algorithm that is activated when Pediatric OneStep™ pads are attached. The energy is automatically decremented, and the waveform analysis accounts for the differences in pediatric physiology and waveform morphology.
- o In the ALS mode all the R Series provide an “ANALYZE” switch, because even ALS responders sometimes need another opinion.

Reduce the Total Cost of Ownership.

Defibrillators are widely dispersed, infrequently used, and can require significant amounts of preventive maintenance and monitoring.

Now ZOLL has tackled this problem for hospitals:

- o R Series units perform a daily automated self test of over 40 parameters including the 30 J shock test – ***without operator intervention and while the electrodes remain connected.*** It will even detect expired electrodes.
- o WiFi capability allows download of defibrillator records automatically. When paired with the CodeNet® electronic code documentation software, a complete, time-synchronized code record can be generated and pushed to your medical records.
- o The Defibrillator Dashboard software sets up wireless communication with biomedical engineering, sending an alert if a unit fails readiness, along with an explanation. Engineering can remotely monitor the entire fleet from a desktop.
- o SurePower™ Manager Software is the most advanced battery management system available.
 - Know the complete State of Health for each battery, including capacity loss and estimated run time.
 - Extend the life of batteries in low usage areas while increasing dependability during long-duration transports.
 - Eliminate the guesswork associated with battery replacement.

Giving New Meaning to Standardization.

Maintaining operator skills is a real challenge. At the moment of crisis, there's no time for mistakes. ZOLL raises the concept of standardization to new levels. Standardization with ZOLL doesn't mean buying only one model or buying two or more dissimilar models from one manufacturer. We offer true product line standardization where it counts.

Uniform Operating System

Standardization means fidelity to the ZOLL Uniform Operating System (UOS) as shown below. Because ZOLL has offered the same UOS for 25 years, an operator trained on one ZOLL device can operate any other in our line like the M Series® or CCT. That's standardization that matters.



1. Chan P et al. *The New England Journal of Medicine*. 2008;9(9).
 2. Abella B et al. *Circulation*. 2005;428(7).



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Standardized Accessories

Grabbing the wrong cable or paddles can result in unnecessary delays and stress. Accessories are common across all models:

Product	OneStep™ Electrodes	CPR stat•padz®	Paddles	Internal Handles	Lithium Ion Batteries
R Series BLS	✓	✓	✓	✓	✓
R Series ALS	✓	✓	✓	✓	✓
R Series Plus	✓	✓	✓	✓	✓
M Series	✓	✓	✓	✓	Charger compatible
AED Plus® and AED Pro®		✓			✓ (AED Pro)

Batteries

While R Series technology has taken us to Lithium Ion batteries, the SurePower Charger for the R Series standardizes battery management across the line, as it can also charge and condition sealed lead acid batteries used with earlier ALS units. This provides a single solution for cost-effective maintenance.



ZOLL Medical Corporation Worldwide Headquarters

269 Mill Road
 Chelmsford, MA 01824
 978-421-9655
 800-348-9011

For the ZOLL representative or distributor nearest you, visit www.zoll.com/contacts.

