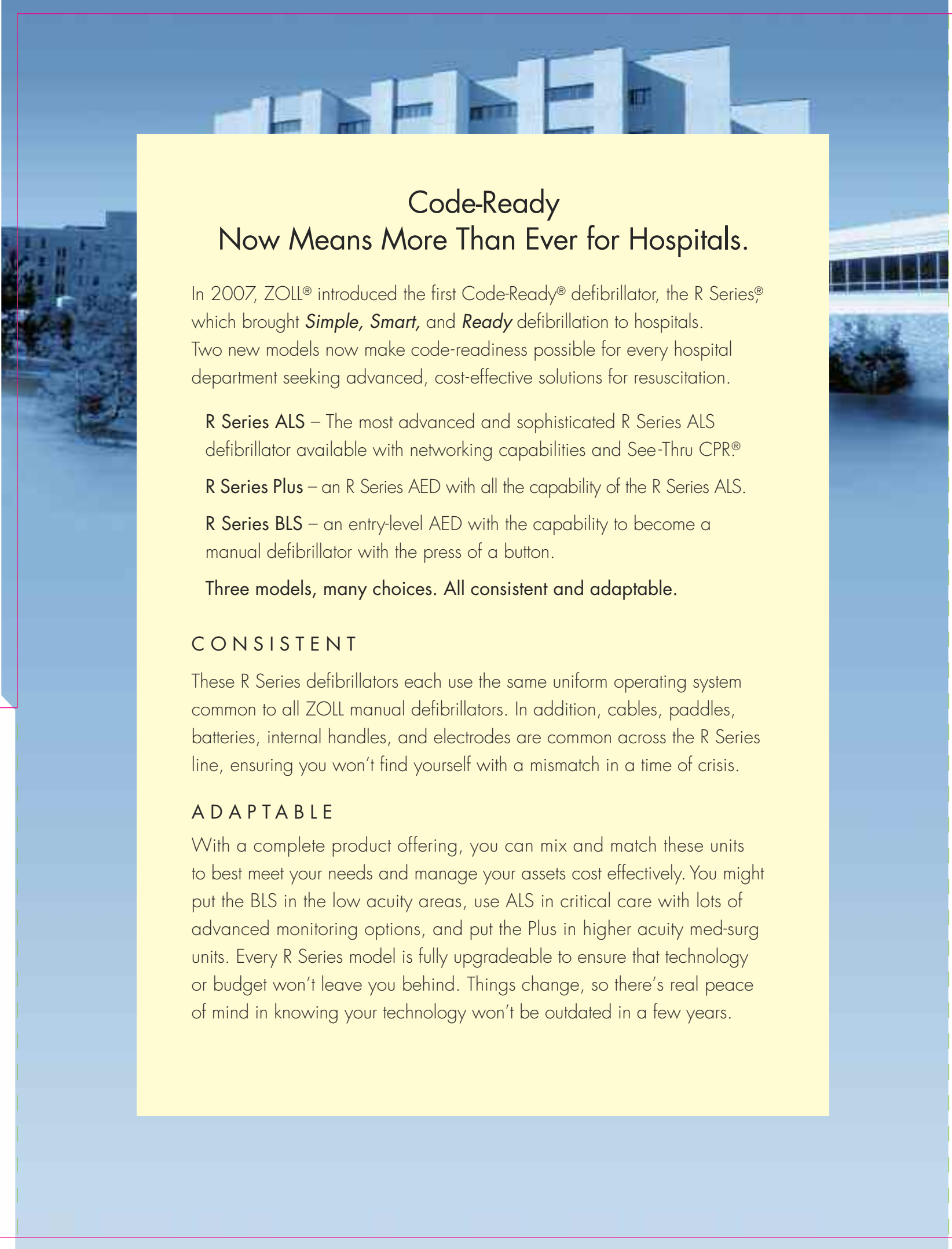


Simple. Smart. Ready.
Whatever your needs, whoever responds.



ZOLL®



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 seeking advanced, cost-effective solutions for resuscitation.

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

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

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

Three models, many choices. All consistent and adaptable.

CONSISTENT

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

ADAPTABLE

With a complete product offering, you can mix and match these units 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 advanced monitoring options, 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 Things change, so there's real peace of mind in knowing your technology won't be outdated in a few years.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 frontline 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 electrodes in order to provide ALS care, thus losing critical time to treatment. Not so with the R Series.

R Series BLS shows first responders a simple, one-button AED interface. When the Code Team arrives, a member can simply press a button to turn the BLS unit into a full-function manual defibrillator. All chosen advanced monitoring options 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-Thru CPR, later. R Series BLS is particularly good for low acuity areas, where advanced capabilities are rarely needed.





Solutions Extend to Specialized Situations.

- o Public areas are best served with AEDs in wall-mounted cabinets, so our AED 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 children are not small adults, all the R Series defibrillators feature a pediatric analysis algorithm that is activated when Pediatric OneStep™ electrodes 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 R Series provide an “ANALYZE” switch, because even ALS responders sometimes need another opinion.



Change to manual ALS
at the touch of a button

Lift here to see how
the R Series Plus can go
from BLS to ALS with the
touch of a button.



The R Series ALS

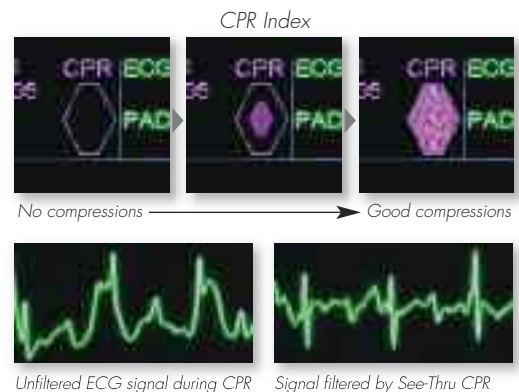
Advanced Capabilities for Experienced Users.

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 see 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.





Change to manual ALS
at the touch of a button

Lift here to see how the simple
R Series BLS transforms into
a manual ALS unit at the touch
of a button.



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 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 more than 25 years, an operator trained on one ZOLL device can operate any other in our line. 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 models of ZOLL ALS units. This provides a single solution for cost-effective maintenance.



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