**AED CARDIAC INITIATIVE PHASE ONE**

 **ZOLL – GORESCUE QUESTIONS & ANSWERS**

**1.** How do First Responder Agency users access AED event data on the scene to share with EMS transport crews and the On - Line Medical Director at the receiving Hospital?

First Responder Agency users have multiple options to access AED ECG event case file data on the scene to share with EMS transport crews and the On-Line Medical Director at the receiving hospital:

* USB download – a user may download the case file directly from the AED via USB flash drive or USB cable onto an external or internal hard drive.
* Wi-Fi data transmission – when configured, the AED 3 will automatically transmit the most recent case file to the ZOLL case review cloud. The EMS Region or ACEMS designee could then download and send the file to the receiving hospital.

**2.** What are the instructional sequence and procedural guidelines for event data use & transfer?

ACEMS and/or the Regions will need to determine their preferences and guidelines for how they would like to manage, transfer, and store the event data. GoRescue and ZOLL are ready to provide guidance as needed.

**3.** How will the data be stored?

AED case / event files are stored on the AED 3. The two (2) most recent events are stored locally on the AED 3. When configured, the ZOLL AED 3 can send case / event files to the cloud where event files to the cloud where (on the free plan) these will be stored for thirty (30) days. The paid plan allows for unlimited / indefinite storage in the cloud.

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**4.** How do you transfer data using a USB flash drive, and what is the minimum flash drive memory size needed?

The ZOLL user enters the super admin mode by pressing and holding the power button on the AED 3, then entering the passcode, then navigating to the option to download the case / event file.

**5.** Who covers the expenses for data storage?

There is no expense for the local data storage on the AED. There is also no expense for the cloud data storage with ZOLL for a rolling thirty (30) days. If ACEMS / Regions would like to upgrade to unlimited data storage in the cloud, the ACEMS and / or Regions would be responsible for that expense.

**6.** How will the data be sent to the First Responder Agency, EMS Region, and Alabama Council of Emergency Medical Services (ACEMS) for review, quality improvements, and records?

The management of data is up to the preferences of ACEMS / the Region / the Agency. The two (2) most recent case / event files exist on each AED 3 locally. When configured and connected to WiFi, the ZOLL AED 3 can automatically transmit case/ event files to the cloud where (on the free plan) these will remain for thirty (30) days. The ACEMS / Regions need to determine levels of access to this cloud system, as well as any procedures for sharing the case / event files with other parties, including the First Responder Agencies, hospitals, or other stakeholders. Downloading the files from the cloud weekly are advised and recommended.

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**7.** Prepare an instructional guide for data collection to include on scene, data transfer, use and items listed one through six above.

ZOLL will provide this guide.

**8.** What is the average estimated AED 3 battery life, based on an AED365 daily system check?

AED 3 battery life is estimated at five (5) years based on the recommended weekly self-test that is reported in via Wi-Fi to AED365 or Plus Trac. Daily self-tests would result in a battery life of less than five (5) years.

**9.** What is the estimated number of AED 3 shocks within the life of a battery?

Per ZOLL’s technical specifications, a new battery running at an ambient temperature of 68-77 7 degrees Fahrenheit can provide 140 debribrillator discharges at a maximum energy of 200 joules, or 6 hours of continuous monitoring with 2-minute CPR periods. Once the AED battery indicator shows black, the energy for 9 shocks typically remains.

**10.** Explain the functions and capabilities of the Go Rescue AED365 platform, technology, and use.

GoRescue’s AED365 program management platform consists of an iOS app and a web-based hub that allows for ACEMS / EMS Regions / First Responder Agencies to review the status of their fleet of AEDs at any time (so long as the user has access to an internet connection). See attached PDF that details the AED365 Basic Features.

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11. How often during a 24 - hour period will the Go Rescue AED365 conduct Equipment Readiness Checks?

AED365 receives data packets every few seconds from AEDs as either a) inspections or b) WiFi readiness statuses are transmitted into the AED365 cloud. The variable is how frequently the AED is configured to transmit the readiness status into the cloud or how frequently the AED is manually inspected using the app or the Hub by a in-person / physical inspection / user.

**12.** If an AED 3 unit is reported Red, will there be an automated notification?

Yes - each day users (depending on permissions) can receive (if they so choose via their notification settings) email notifications at approximately 9AM CST of any overdue or out-of-service AEDs if using AED365. Furthermore, if the user has an iOS device, they can choose to receive additional notifications viaiOS push on the company level if using AED365.

**13.** If so, can it be sent – reported to the First Responder Agency, Region, and ACEMS?

Yes depending on permissions given to the users if using AED365.

**14.** ACEMS aims to prioritize determining the actual location of the physical AED 3 unit within the First Responder Agency service area. Utilizing Wi-Fi connectivity technology, achieving the unit’s actual location is top priority.

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Unsure of the question here; however, AED365 utilizes the inputted address for each AED upon onboarding to geo-locate the AED on our AED365 dashboard (accessible via the iOS app and the web-based hub). The location is static based on the initial location entered for the AED, but can be changed manually in the AED365 dashboard. The AED365 system does not have GPS tracking of AEDs.

**15.** What’s the difference between ZOLL’s “Defibrillator Dashboard” or “PlusTrac” compared to AED365?

ZOLL’s PlusTrac is the proprietary AED program management platform created by ZOLL to manage their AEDs. AED365 is the proprietary AED program management platform created by GoRescue to manage, track, and oversee any AED under our program. Furthermore, ZOLL provided AED365 with API integration into the ZOLL AED 3, thereby allowing AED365 the ability to monitor via WiFi the ZOLL AED 3.

**16**. What virtual training & education sessions (archived or live) are available to trainers for AED 3, AED365 for the use of equipment and technology?

ZOLL provides both pre-recorded in-service / orientation / use videos for ZOLL AED 3s, as well as unlimited in-servicing for the life of the AED as requested. AED365 also provides unlimited in-servicing for AED365 dashboard use and support.

**17**. Are there FAQ sheets available? If so, please make available in the Train the Trainer education.

Yes – these are provided by ZOLL. Also see attached.

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**18.** Are there any ZOLL or Go Rescue flowcharts for training & education on the equipment or technology use**?**

Flowcharts do not typically provide adequate training and education on the utilization of AEDs and AED program management technology for AED users. However, ZOLL and AED365 have created and attached numerous documents pertaining to the care, maintenance, management, and use of the AEDs as well as operation / interface of the AEDs and AED365.

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