

# ZOLL MONITOR DEFIBRILLATOR PURCHASE

- ▣ The fire rescue department currently utilizes a Life Pak 12 monitor Defibrillator purchased in 2005.
- ▣ A letter from Physio - Control advised the department that service support will discontinue after October 2013.
- ▣ The department started the purchase process in March 2014.

- ▣ The monitor defibrillator is the single most utilized piece of equipment used on the rescue.
- ▣ Since our last purchase there has been several new advancements in technology we would like to include in this purchase.
- ▣ Most of the advancement revolve around the changes in how CPR is administered with the monitor providing feedback on the quality of CPR and limiting interruptions in CPR.

- ▣ **The three companies the department contacted were:**
- ▣ **Physio Control – Life Pak 15**
- ▣ **Phillips – MRX**
- ▣ **Zoll – X – Series**
- ▣ **These three companies are considered the industry leaders.**

- ▣ The selection process included a presentation from the company representative outlining new technology and training on the unit.
- ▣ Placing the unit in service on the primary rescue for use in the field setting for a period of not less than 2 weeks.
- ▣ A survey questionnaire was completed by staff using the equipment as an after use survey.

- ▣ **Some of the advancements include**
  - **CPR assist – this tool uses a device to measure and display the quality of CPR compressions and timing.**
  - **Code review software - stores the CPR data for late review and training purposes.**
  - **Read through CPR – provides real-time rhythm display to allow provides to view the underlining rhythm without stopping CPR.**
  - **Upgraded 12 Lead filtering – uses next generation software for 12 lead interpretations.**

- ▣ **Some of the advancements include (con't)**
  - **12 lead EKG transmission – non proprietary software allows data to be transmitted to area hospitals without additional costs.**
  - **Data download for Run report integration - allows transmission of monitor data to the patient care report through a secure wireless network.**
  - **On-screen 12 lead review**
  - **Sp-CO real time monitoring**

- ▣ After the completion of the demonstration process a survey was sent to the membership seeking information on which monitor was preferred.
- ▣ Of the surveys received the favored monitor was the Zoll X-series.

- ▣ The department would like to purchase two Zoll monitor/defibrillators.
- ▣ To best integrate the monitors it is recommended to upgrade the Automatic External Defibrillators (AED) located on each of the Fire Apparatus.
- ▣ The quote provided includes the purchase of the both the monitor and AED's.