



Technical Bulletin

Division of Public and Behavioral Health



Date: March 20, 2019

Topic: New Emergency Medical Services (EMS) data systems

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To: All EMS Agencies and Providers

Current Situation:

The Division of Public and Behavioral Health (DPBH) would like to inform the EMS community of Nevada's new web-based Registry System named "Elite" which will Go Live this summer as Phase II of a three-phase project. The Nevada Department of Health and Human Services has selected ImageTrend to provide three solutions to process the state's EMS information including the Licensure Management System, the Elite Registry system for electronic Patient Care Reports (ePCRs), and subsequent connection to the Nevada Health Information Exchange (HIE). The benefits of these solutions will be improved analysis of EMS procedures and patient care; comparison of data between EMS agencies; and better evaluation of the role of EMS in healthcare. Phase I, the deployment of the ImageTrend Licensure Management System, has been successfully completed. The name of the system is "EMS State Online Application Portal (SOAP)." The EMS SOAP provides the web-based solution for paper application processing for EMS agencies and certification and licensure of EMS care providers.

Way Ahead:

In June 2019, the state plans to deploy the ImageTrend Elite Registry system as Phase II. This is will be a state-managed system that provides an enterprise solution for ePCR healthcare data interoperability among hospitals and lays the foundation for connection to the HIE. Elite will enable agencies to directly enter ePCR data into the new Registry system at no cost and in compliance with National Emergency Medical Services Information System (NEMSIS) standards for definitions and data transfer. However, if agencies are planning to keep their current 3rd party vendors for ePCR data entry, EMS staff will coordinate with those agencies to ensure their 3rd party vendors have accounts in place with ImageTrend to allow data transfer to the Elite system.

Elite Registry System Capabilities:

- Web-based access from virtually anywhere using secure protocols
 - Import data from Computer Aided Dispatch (CAD) systems, connect to Patient Tracking for routing and diversion, send ePCRs electronically to receiving emergency departments, submit billing-ready PCRs and receive outcomes from participating hospitals.
 - *Optional:* Agencies can independently purchase "Elite Field" which enables uninterrupted ePCR entry in the field with or without a live internet connection.
- NEMSIS 3 certified and fully compliant in the collection of agency ePCRs and the receiving and processing of data. Data standard compliance allows for better data sharing and fosters community paramedicine.
- Alerts and Reporting:
 - ALERTS - Stay in-the-know with the real-time details you want.
 - TRIGGERS - Identify and activate the information you need.

- PREDICTIVE - Understand past and current happenings to anticipate future activities.
- TRENDS- Identify patterns to allow for strategy adjustments.
- MAPPING - Determine areas of significance to your community.

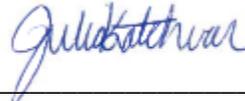
Once the state has successfully deployed the new Elite Registry system, Phase III will begin in which the EMS Project Team will focus on establishing a connection with the Nevada HIE. By connecting health records across entities, EMS personnel will be able to do a patient lookup through the HIE in the field and match for medications, allergies and other conditions. Agencies will also be able to receive outcome data from hospitals that can be incorporated into their quality improvement efforts.

Recommendations:

- Agencies should coordinate as soon as possible with EMS program staff to identify if they will be direct entry agencies using the new Elite system or continue to use a 3rd party vendor to enter data which will then be transferred to the new Elite Registry system.
- In the next few months, the EMS Project Team will be providing information to agencies on how to access and receive training on the new Elite Registry system.



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