

## **emocha implements Ebola Monitoring System for Maryland**

*Smartphone app to monitor individuals who may have come into contact with Ebola virus*

Baltimore, MD | March 19, 2015 - emocha Mobile Health has implemented its [Ebola Symptoms Monitoring](#) smartphone and web application for use by the Maryland Department of Health and Mental Hygiene (DHMH). After a one-month pilot phase, the system is now being used to monitor individuals who have returned from Ebola-affected countries in West Africa. Public health officials will use the app to conduct active and direct-active monitoring of people traveling from affected west-African countries, including certain health care workers, for 21-days, as per [CDC guidelines](#).

The application was developed in close collaboration with public health officials at DHMH.

Travelers and healthcare workers use a smartphone to securely report their temperature, as well as the presence of any symptoms or travel plans, twice daily. The Maryland DHMH accesses the data on a web-interface that visualizes critical data from individuals or risk-stratified groups of individuals. In addition, specific reported symptoms such as a fever or nausea trigger SMS and email alerts to health officials for quick, appropriate action.

Maryland's close proximity to Dulles International Airport, one of the five national airports receiving travelers from countries most affected by Ebola, makes the need for the outbreak symptoms monitoring application even greater.

"The response to the Ebola crisis is incredibly resource intensive for health departments. Ebola Symptoms Monitoring [ESM] allows them to manage the response without needing to reach the traveler directly and allowing the travelers to report on their own schedules," says emocha CEO Sebastian Seiguer: "Our remote patient management platform tools are designed and engineered to help monitor individuals who are outside of a clinic or hospital."

Now that the application is live, the next step is integration between emocha and Maryland's Active Monitoring Database. The integration will allow data gathered by emocha to be reported to State health officials and the CDC. It will also allow for pre-enrollment of travelers and healthcare workers into the emocha application. emocha co-developed the application with electronic medical record (EMR) integration specialist Analytical Informatics, a Maryland-based company. Analytical's EMR integration software, AI Bridge, will be used to integrate mobile data with Maryland's clinical database.

*emocha is a mobile health platform that supports a wide range of applications for remote patient management. Clinicians and researchers use the platform for mobile data collection, education, and communication. Additionally, a web interface provides real-time data visualization and analytics. emocha has been implemented in more than ten countries across four continents.*

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