THE CHALLENGE
Create an application to support veterinary practitioners submitting animal health certificate records from the field. Prior ways of submitting CVIs required an Internet connection and multiple steps through PDFs, email and web-based systems.

THE SOLUTION
The Institute for Infectious Animal Diseases (IIAD), in partnership with the Texas Center for Applied Technology (TCAT), a part of the Texas A&M Engineering Experiment Station, developed a mobile Certificate of Veterinary Inspection (CVI) application to support veterinary practitioners submitting animal health certificate records from the field. The app, mCVI, strives to expand the toolbox of capabilities available to veterinary practitioners, allowing them to easily submit electronic animal health certificates, or storing that information within the application for forwarding when data connectivity becomes available. This real-time information sharing is an alternative to email or web-based systems, and helps improve communication between veterinarians and state animal health offices by supporting certificate submission from the field.

The creation of the mCVI mobile application provides tremendous potential to access real-time information on livestock movements and improve the accuracy of that information to animal health officials. This mobile app will enhance animal disease traceability, ultimately safeguarding animal and human health.
FEATURES AND BENEFITS

- An easy-to-use, touch-screen interface for digitally entering animal health certificate data.
- The end-user has the ability to print paper-based forms directly from the mobile application.
- Submitted CVIs can be automatically and/or manually imported into state animal health information systems.

Submitted CVIs can also be made available within IIAD’s AgConnect® suite. AgConnect® is a suite of customizable data integration and analysis products designed to enhance real-time animal health situational awareness, enable permissioned data sharing, and support decision-making in the event of emerging, zoonotic and/or high consequence diseases. With permissions, state veterinarians will be able to visualize the CVI data along with other data stored within the AgConnect® suite (e.g., additional animal movements, premises, surveillance, diagnostic test results and other emergency response data), allowing for greater situational awareness during a disease event. Real-time data integration of the above mentioned data streams would greatly aid state animal health officials in making decisions on animal and animal product movements during a disease outbreak.

The mCVI app is currently being piloted in several states, with many others looking to start their own pilot programs. Throughout the pilot, IIAD has been working with SAHOs and veterinarians to collect feedback and refine the technology.

The mCVI app is available for free download on the Apple App Store® and Google Play Store® for tablet and phone.

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