



**mHealth**  
AgConnect



# Mobile applications that allow veterinarians to enter animal health information from the field.

## THE CHALLENGE

Traditional animal surveillance programs that focus on regulated disease- and agent-specific detection with confirmed laboratory diagnosis, are not adapted to identify and react to non-regulated disease and emerging health events. A properly developed, comprehensive passive surveillance system will provide early detection of endemic, zoonotic, transboundary, environmental and newly emerging animal diseases, as well as provide the opportunity for targeted surveillance of regulated diseases.

## THE SOLUTION

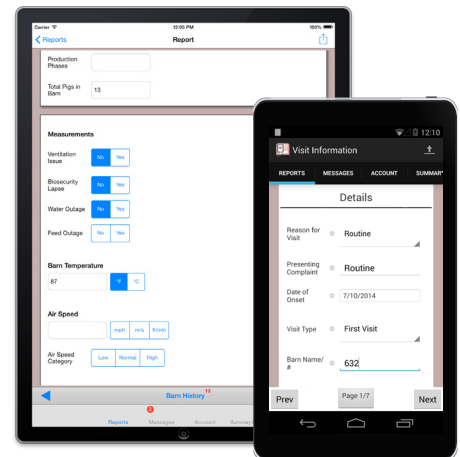
The Institute for Infectious Animal Diseases, in partnership with the Texas Center for Applied Technology, a part of the Texas A&M Engineering Experiment Station, developed AgConnect® mHealth, a cross platform mobile application that allows for real-time collection and reporting of syndromic health data. These apps allow users to record clinical signs and associated data while on-site at farms, ranches and feedlots. Users can also request and receive laboratory test results directly through the mobile application.

## FEATURES AND BENEFITS

Users can access, manage and query reports and access analytical tools directly on their devices - providing valuable information to practitioners concerning healthy herd management and syndromic reports in their region, allowing them to tailor their clinical treatment or diagnostic testing based on the surrounding syndromic situation. Industry-specific applications have been developed for Swine, Mixed Animal (cattle, goats, sheep and horses) and Wildlife users and are being developed for Feedlot (beef cattle), Dairy and Poultry industries.

The mobile application links to AgConnect® HealthNet, where information is aggregated and integrated into an interactive, easy-to-use display. Once anonymized, a subset of the data may be shared according to established data sharing protocols - ultimately allowing epidemiologists and analysts at other locations to compile and analyze data in real time. The mobile apps also provide valuable information back to end-users regarding reporting in their region - providing access to a unique information source to aid in animal diagnosis and treatment, as well as increasing their situational awareness of the animal health status within their geographic region or state.

- **Industry-specific apps**
- **Enhances situational awareness of animal health status in a region or state**
- **Provides valuable information to promote healthy herd management**



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