

USAHerds

Animal Health Emergency Reporting Diagnostic System

Achieving Food Safety in Numbers.



The U.S. Animal Health Emergency Reporting System (USAHerds) was developed to better enable the Bureau of Animal Health to control and eradicate diseases among livestock and poultry. USAHerds has an enterprise data

store that is accessible by all staff members involved in Bureau activity regardless of where they are physically located. The application enables a consistent approach to managing and retrieving data across functional and program areas.

This approach allows cross training of program staff with minimal learning curve as the data for all species follows the same software navigation. As a result of implementing this application, Bureau staff can now complete in minutes research that previously required weeks.

An Award Winning Software Solution



Awarded the 2006 Intergovernmental Solutions Award by the American Council for Technology.

Benefits

IMPROVED PREMISE TRACKING

The system supports a hierarchy of premises that allows tracking of fields or buildings within a given postal address or multiple leasers within a given premise. The system is certified to obtain real-time Federal Premis ID's.

IMPROVED ANIMAL TRACKING

The system supports various means of identifying livestock and poultry. As a result, impacted animals can be monitored and isolated with contagious diseases that might not otherwise be contained. The system supports the tracking of infinite animal ID's per animal as well as animal movement from premise to premis for trace back.

DISEASE PROGRAM MANAGEMENT

The system provides a consistent user interface for disease program management including:

- Brucellosis
- Brucellosis Ring Test
- Tuberculosis
- Avian Influenza
- Johnes
- NPIP
- CWD

EMRS

The application provides for the capture and tracking of emergency management response data and incident management.

GLOBAL ACCESS

The system has a common means of maintaining information across programs and functional areas.

Architecture

Developed with a web browser-based graphical user interface (GUI), to enable access from any internet application location. USAHerds uses Microsoft infrastructure: SQL Server, .NET Framework, and SQL Reporting Services. Security is based on user roles and is configurable.

To learn more, visit:

www.animalhealthsoftware.com

The Pennsylvania Department of Agriculture owns the agriculture software suite of products: USAHerds, USALIMS, PAPIants, PADLSONline. These products are available by contacting the Pennsylvania Department of Agriculture.

Computer Aid, Inc is an independent contractor to the Pennsylvania Department of Agriculture for implementation and modification of the applications for the Commonwealth of Pennsylvania.

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