Updates for VS Information Systems

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Veterinary Services, Strategy and Policy
USDA, APHIS
VS Information Systems

Collect

Integrate

Report and Analyze

Data
Data Collection

- National Animal Health Reporting System (NAHRS) Modernization
- Comprehensive Lab Submission Module (CLSM) for African Swine Fever surveillance
- Mobile Information Management (MIM) Modernization
  - Management tool, web apps, mobile apps
  - Multiple OS support
  - Development done Summer FY20
- Mi-Corporation Mobile Impact Platform
  - Form driven events or simple process
  - New contract just awarded, starting project planning and security assessment
- VS Process Streamlining (VSPS) enhancements underway, new eCVI available Summer FY20

User Testing
Deployed
New Development
New Development
New Development
Resolutions #7 & #11

Collect
Messaging and Data Integration

- VS Messaging Service
  - Message processing, monitoring, and correction
  - Data exchange between internal and external systems
  - Moves data from MIM to VSPS, SCS, AIMS, and AHER
  - Replaces legacy MIM repository
  - Microsoft Azure GovCloud

- VS Data Integration Services
  - Data management, analysis, and reporting for core VS functions
  - 11 VS data systems
  - Forms for data entry and reporting tools to summarize and visualize
  - Amazon Web Services GovCloud with Palantir

Deployed

Resolutions #7 & #11

USAHA CVI and more
Decision Support and Information Sharing

• Tools
  • Tableau Reporting: dashboards for data, operational, and strategic analysis
  • Palantir and Alteryx: data pipelines and data analysis
  • ESRI: mapping, web apps, Story Maps

• Reporting and Analysis Highlights
  • ASF/CSF, BSE, NAHLN, AMR (pilot), ADT dashboards
  • ADT (AHER), Scrapie, NLRAD, enterprise repositories (premises, events, lab results) pipelines and data analysis
  • VND and H. longicornis pipeline, Story Maps, and/or web apps
Questions
Thank you

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