

GlobalVetLINK

INNOVATIVE DIGITAL SOLUTIONS FOR ANIMAL HEALTH

GVL[®] Overview and Veterinary Feed Directive Discussion

California Grain & Feed Industry Conference
Monterey, CA

January 13th, 2016



www.GlobalVetLINK.com

GlobalVetLINK Confidential.
Do Not Distribute.

Agenda



- GVL Overview
- Electronic Veterinary Feed Directives
- System Updates
- New GVL Services
- FeedLINK Demonstration
- Implementation Issues
- Feed Industry Pain Points/Discussion

GVL[®] Overview



- Dedicated to the animal health industry over 15 Years
- Connected to:
 - Over 2000 veterinary Practices
 - 6000 veterinarians
 - Over 400,000 animal owners
 - Over 1000 feed distributors
- Facilitated over 233 million animal movements
- Over 25,000 eVFDs written
- Accepted by ALL 50-states with USDA-approved Digital Signature technology

Solutions for Production Animals



-  FeedLINK™ Digital Veterinary Feed Directive System
 - Facilitates easier fulfillment of VFDs with the appropriate FDA-directed certification requirements while enhancing communication between animal health stakeholders
-  HealthLINK™ eCVI System Powered by GVL SmartEngine™ Technology
 - Easier and faster creation, submission and recordkeeping of electronic Certificate of Veterinary Inspection (eCVIs) certificates embracing all species
-  ScriptLINK™ Digital R_x Tracking System
 - Manages oversight of antibiotic usage by optimizing prescribing habits and ensuring continued food safety by easily proving judicious use of antibiotics
-  LabLINK HIMS™ Health Information Management System
 - Real-time digital diagnostic software solution that provides herd health management for disease monitoring, analysis and pathogen response

Timeline of GVL Electronic VFDs



1996

- Pulmotil® was first VFD on the market

2005

- GVL provides first electronic VFD

2012

- Complete system upgrade & rebrand for eVFDs anticipating new GFI

2015

- GVL releases update to FeedLINK to accommodate 6/3/15 rule
- Releases Feed Distributor login for FeedLINK

Updates for October 2015



- Vet Credentials
 - Remove license number from printed form
- Drug Substitutions
 - Vet must specify if substitute is NOT allowed
- Animal Location
 - Accommodate multiple locations where feed will be delivered
- Combination Drug Intent Statements
 - 3 Statements, vet chooses
- Indication
- Production Class
- Valid as of Oct 2015 Notation on PDF

Sample eVFD



Powered by
GlobalVetLINK

 FeedLINK
Current as of OCT 2015

Veterinary Feed Directive (VFD) for Swine

15-SW-34795

Owner Address
Robert Holcroft
1234 Main Street
Tampa, WA 00000

Phone: 515-650-0044
Fax: 555-123-4444
PIN/LID: PIN1234

Animal Locations
Robert Holcroft
1234 Main Street
Tampa, WA 00000

Phone: 515-650-0044
PIN/LID: PIN1234

Feed Distributor

ASA Farm Mart
214 W High Street
Suite 100
Pleasant Hill, OH 45359

Phone: 951-555-1234



NADA 141-064, Approved by the FDA.

Elanco Animal Health
2500 Innovation Way
Greenfield, IN 46140

Phone: 1-800-428-4441

Drug Name: Pulmotil (Tilmicosin)
Dosage and Duration: 182 g/tons for 10 days. | 200 g/tons for 10 days. | 360 g/tons for 1 days.

Species: Swine

Production Class: Nursery

Approx. Number to be Fed: 200

Effective Date: 2015-09-30

Expiration Date: 2015-12-29

Special Instructions:

Special Instructions 1 | Special Instructions 2 | Special Instructions 3 | Drug Substitution is Allowed

Use of feed containing this Veterinary Feed Directive (VFD) drug in a manner other than as directed on the labeling (extra-label use) is not permitted.

COMBINATION FEEDING WITH OTHER DRUGS:

This VFD ONLY authorizes the use of the VFD drug(s) cited in this order and is NOT intended to authorize the use of such drug(s) in combination with any other animal drugs.

INDICATIONS:

For the control of swine respiratory disease (SRD) associated with Actinobacillus pleuropneumoniae and Pasteurella multocida.

WARNING:

Swine intended for human consumption must not be slaughtered within 7 days of the last treatment of this drug product.

CAUTION:

- Do not allow horses or other equines access to feeds containing tilmicosin. The safety of tilmicosin has not been established in male swine intended for breeding purposes.
- Feed containing tilmicosin shall not be fed to pigs for more than 21 days during each phase of production without ceasing administration for re-evaluation of antimicrobial use by a licensed veterinarian before re-initiating a further course of therapy with an appropriate antimicrobial. • The expiration date for a tilmicosin Veterinary Feed Directive (VFD) for swine must not exceed 90 days from the time of issuance.
- Recorders (refills) are not permitted with this VFD drug.
- Federal law limits this drug to use under the professional supervision of a licensed veterinarian. Animal feed bearing or containing this veterinary feed directive drug shall be fed to animals only by or upon lawful veterinary feed directive issued by a licensed veterinarian in the course of the veterinarian's professional practice.

Veterinarian's Signature:

This is a legally binding equivalent of a handwritten signature

Signed by: Jesse Goller
Reason: Authorization
Date & Time: 2015-09-29 01:51:02 -07:00

John Sample
1234 Town Road
Address Line 2
Warren, OK 67847

Phone: unknown

I certify, as a licensed veterinarian, that the above information is accurate and correct, to the best of my knowledge. I certify that I have a current client relationship with the owner and/or manager of the animals.

Page 1 of 1

Powered by
GlobalVetLINK

 FeedLINK
Current as of OCT 2015

Title of VFD FORM

certNo

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

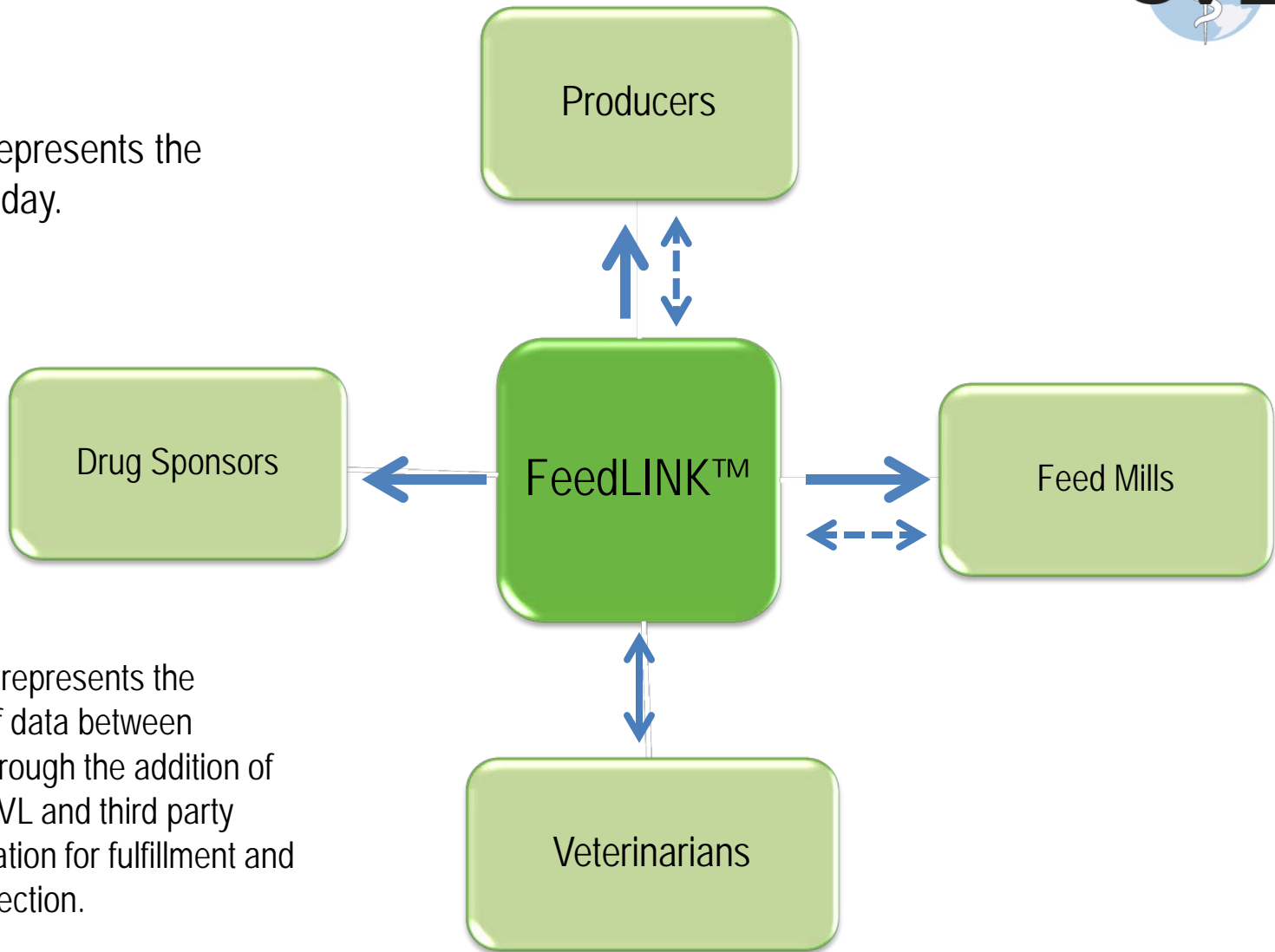
Name of Feed site
1234 address street
Des Moines, IA 50312
Phone: 123-123-1234

Page 2 of 2

FeedLINK™ Vision



Solid arrow represents the flow of data today.



Dashed arrow represents the potential flow of data between stakeholders through the addition of user types in GVL and third party software integration for fulfillment and usage data collection.

New GVL[®] Services



- Feed Distributor Login

- Released Dec. 4th, 2015

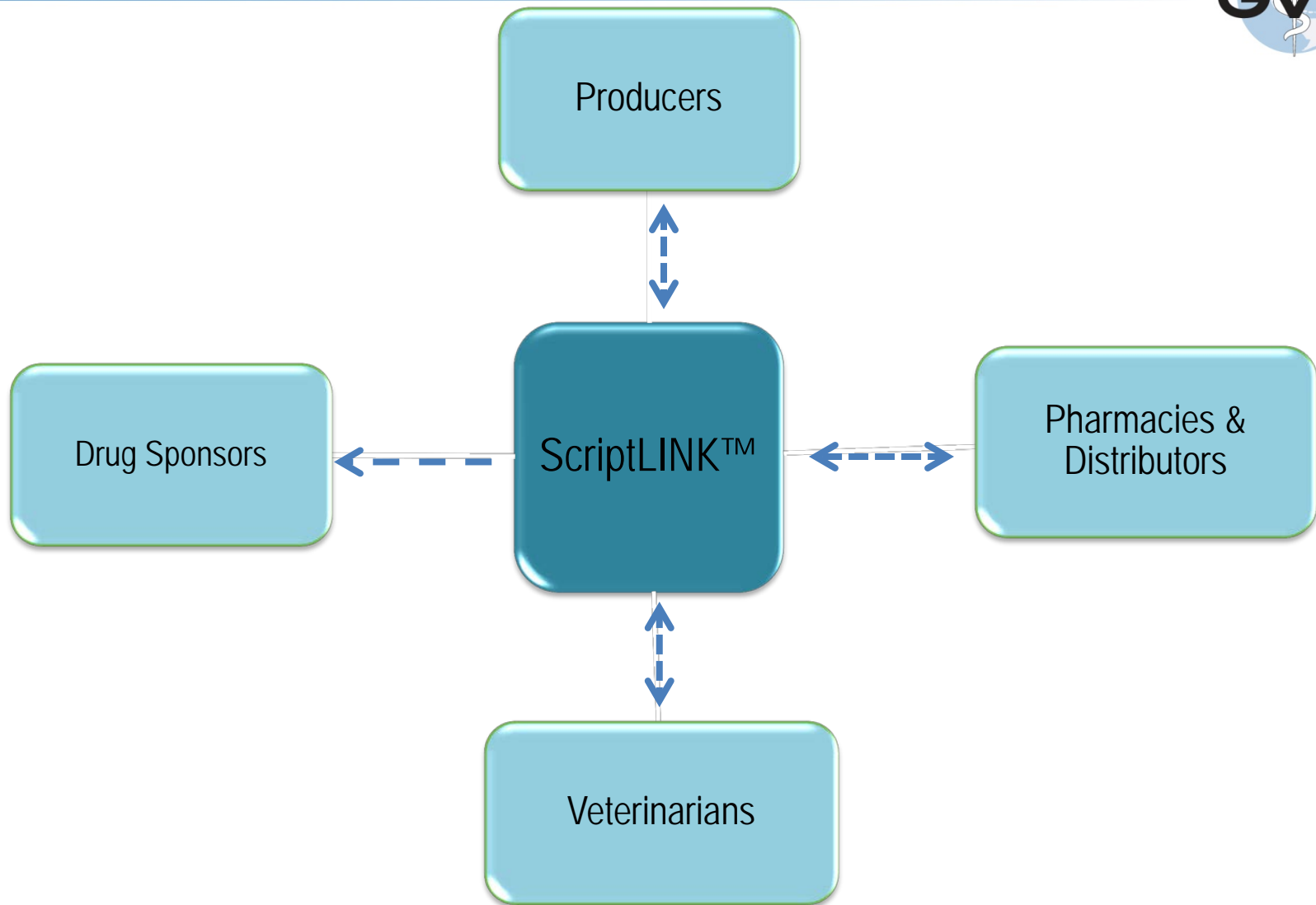
- » VFD Access
 - » Storage
 - » Easy Retrieval

-  Integration Services

- Feed Distributor Management Software Integration

- » Incorporate GVL eVFDs into software already being used in mills and on farms
 - » Manage fulfillment
 - » Monitor expirations

Replicate the Model for Scripts





GlobalVetLINK

INNOVATIVE DIGITAL SOLUTIONS FOR ANIMAL HEALTH

FeedLINK™ (eVFD)

DEMONSTRATION

Implementation Issues



- Stakeholder understanding of VFDs and the new rule
- Increase in number of VFDs that will be written and fulfilled
- Communication logistics within various industries
- Paper burden and record-keeping requirements
- Awareness of electronic (paperless) solution

Discussion



- As an integral piece of the Veterinary Feed Directive puzzle, what pain points specific to your industry do you envision?
- If you could have anything in an electronic VFD system, what would that be?





GlobalVetLINK
INNOVATIVE DIGITAL SOLUTIONS FOR ANIMAL HEALTH

Thank You!

Kaylen Henry

Ph: 515.817.5062

Email: khenry@GlobalVetLINK.com