



Manufactured Food Regulatory Program Alliance Meeting  
**Partnership for Food Protection Information  
Technology Work Group - Data Sharing Progress**

*Presented by  
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# Agenda

1. PFP IT Work Group – Accomplishments
2. National Food Safety Data Exchange (NFSDX) Overview
3. State Engagement
4. Points of Contact
5. Questions

# PFP IT Work Group Objectives



- Need standards, framework and systems for the exchange, integration, sharing and retrieval of food safety data and information to advance the Integrated Food Safety System in the areas of data sharing, joint work planning, inspection and enforcement protocols, and emergency response.

# PFP IT WG Successes

- **PFP IT WG 2012**
  - Successful pilot to transfer BSE inspection data from Pennsylvania Department of Agriculture (PDA) to FDA
- **PFP IT WG 2015**
  - Started definition of data exchange model for overall data sharing solution
  - Partnered with MFRPA and AFDO to send out survey to states to determine who was willing to share what data with whom
- **PFP IT WG 2016**
  - Sent data call to PFP IT WG members to document their state system data to evaluate data fit for pilot/s
  - Analyzed States system data and map to data exchange model
  - Developed a plan to rollout to States
  - One way (State to FDA) data sharing pilot under way (Contracted Inspections only and limited state participation) with intent to replace manual entry into Electronic State Access to FACTS (eSAF)
- **PFP IT WG 2017**
  - Establish a data exchange for sharing and moving any food safety data across disparate systems and political boundaries

# Strategic Plan FY18-FY19 Activities

| FY                        | 2018   | 2019   |
|---------------------------|--|--|
| <b>State Data Sharing</b> | <p><b>Data Schema Definition</b></p> <p>Enhance Data Schemas as new use cases and needs are defined</p>  | <p>Enhance Data Schemas as new use cases and needs are defined</p>   |
|                           | <p><b>API Interaction Model</b></p> <p>Enhance Data APIs as new use cases and needs are defined</p>  | <p>Enhance Data APIs as new use cases and needs are defined</p>  |
|                           | <p><b>FDA State Data Exchange System Development (Web app &amp; API Data submission)</b></p> <p>Implement with remaining data objects</p>  | <p>Enhance Data Functionality as new use cases and needs are defined</p>   |
|                           | <p><b>Cross-State Data Sharing Platform Development</b></p> <p>Implement first formal release</p> <p>Implement remaining Data Sharing Functionality and Pilot with select States</p> | <p>Implement remaining Data Sharing Functionality with remaining States</p> <p>Enhance State Data Sharing Functionality as new use cases and needs are defined</p>   |
|                           | <p><b>Expansion of the Data Sharing Platform to Other Agencies</b></p> <p>Develop Inter-State and Industry Use Cases</p> <p>Develop Pilot Approach</p>                               | <p>Implement outbound Data Sharing Functionality Pilot with one or more States and Industry volunteers</p> <p>Implement Outbound Data Sharing Functionality with remaining States and Industry</p> <p>Enhance other Agency Data Sharing Functionality as new use cases and needs are defined</p> |

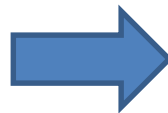
# NFSDX – An IT solution that will enable regulatory partner to securely share information to support their operations.

## Drivers

FDA seeks to establish a risk-driven Integrated Food/Feed Safety System.

FSMA mandates FDA to implement comprehensive new programs supporting new regulatory authorities (i.e. preventative controls and produce safety).

FDA, States, and local health departments have no automated way to share data among their disparate systems to support the new mandates.



## Solution

Increase sharing of accurate, timely, complete, and relevant food safety data to fulfill FDA's mandate.

Create a data exchange to automate data transfers from State to FDA, FDA to State, and State to State.



## Benefits

Reduce state and FDA administrative effort for completing contracted inspections.

Improve efficiency and efficacy of FDA monitoring and regulatory activities.

Provide secure and immediate access to relevant information for operational activities.

Define a common data format for exchanging food safety data.

# NFSDX Project Scope

- ✓ Develop a Proof of Concept (POC) for NFSDX with a near-term goal to provide secure platform for:
  1. State to FDA: Contracted inspection eliminating manual data entry in eSAF
  2. FDA to State: Firm data
  3. State to State: Facility search
- ✓ Perform technical analysis to identify the readiness of the state partners to participate in the State Exchange
- ✓ Initiate and facilitate discussions with several state partners identified as ready to participate in the NFSDX
- ✓ Develop a clear and detailed road map to successfully expand the functionality and service of NFSDX beyond the POC into the next phases providing a tool for multiple consumers

# Program Challenges

- FOIA Laws and Data Protection
  - Sharing with states, local governments, and other federal agencies has to comply with 20.88 agreements.
- Governance Framework
  - MOUs
  - Participation Policies



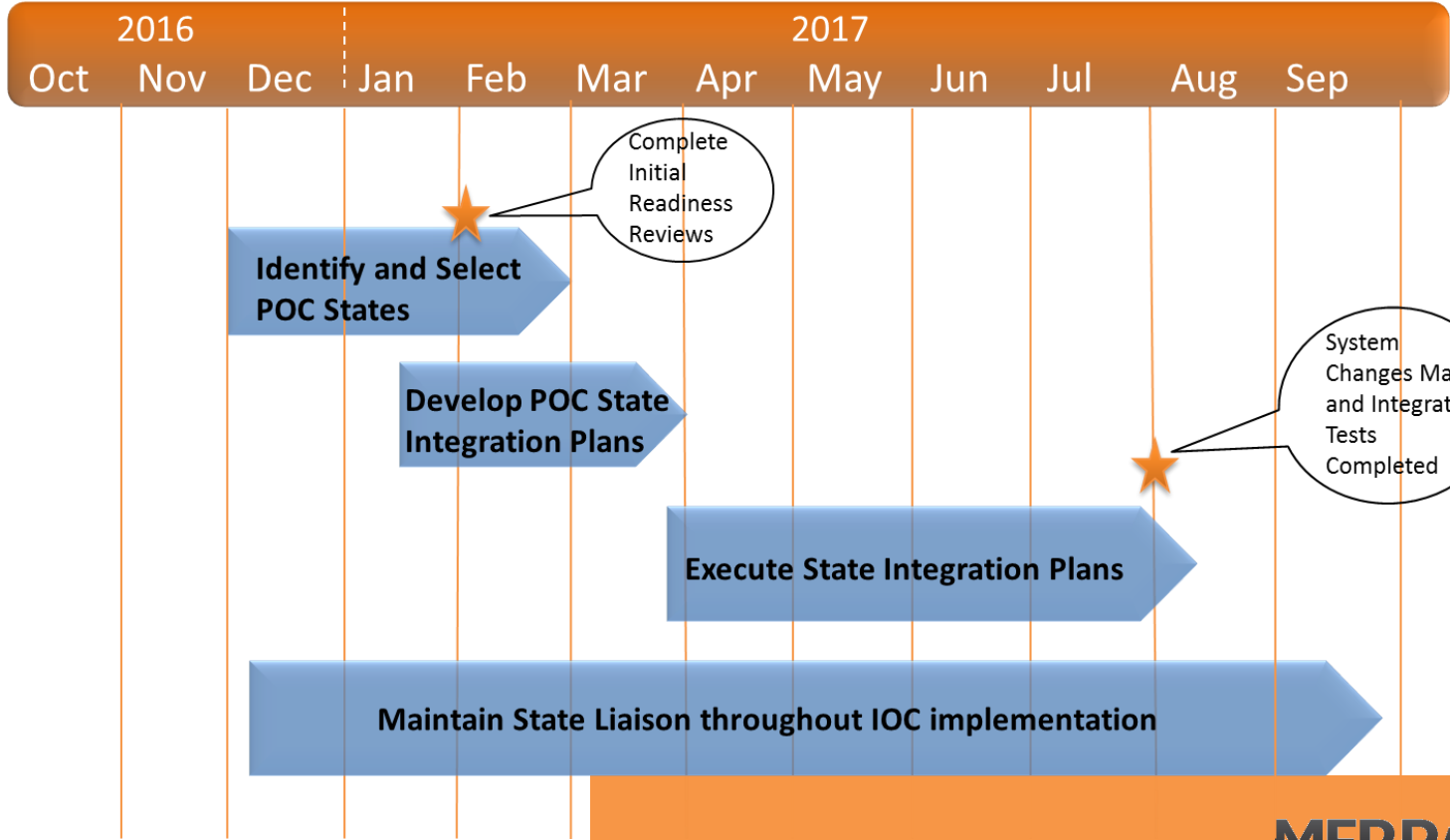
# State Outreach Approach

- Target PFP IT WG participation to maximize communication and coordination
- Leverage informal communications with states via the USAFoodSafety platform
- Focus on delivering value to FDA and the States

# Initial POC Participants

| State        | State to FDA | FDA to State | State to State |
|--------------|--------------|--------------|----------------|
| Arkansas     |              |              | X              |
| Florida      | X            | X            |                |
| Illinois     | X            | X            | X              |
| Iowa         | X            | X            | X              |
| Pennsylvania | X            | X            | X              |
| Texas        | X            | X            |                |

# NFSDX State Outreach Timeline



# How to get involved?

- Commit state resources to:
  - Informal session(s) to explore readiness completed by 1/31/2017
  - Validate workflows and use cases
  - Attend state planning and regular status sessions
  - Validate communications protocols
- Commit to have state system changes completed and integration tested with FDA by 8/1/2017
  - Modify state systems:
    - To electronically submit FDA contracted inspections
    - To receive firm data from FDA
    - To send/receive data from another state
  - Participate in integration testing

# Who to Contact?

- For PFP IT WG membership and POC enrollment please contact:
  - Barbara Thiel, NFSDX Business Program Manager  
[Barbara.Thiel@fda.hhs.gov](mailto:Barbara.Thiel@fda.hhs.gov)
- For state participation perspective please contact:
  - Matt Colson, Florida Department of Agriculture Environmental Administrator  
[Matthew.Colson@freshfromflorida.com](mailto:Matthew.Colson@freshfromflorida.com)
  - Julie Loera, Texas Food Safety Officer  
[Julie.Loera@dshs.state.tx.us](mailto:Julie.Loera@dshs.state.tx.us)

# Speed Dating Session

- 1:30 PM – 5:00 PM on Wednesday (1/25) with Matt Colson and Julie Loera to discuss project involvement from the state perspective

# Questions & Discussions

