

PETFOOD FORUM

Where the GLOBAL PET FOOD
INDUSTRY does business

Understanding AI to streamline pet food manufacturing

PRESENTERS

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#petfoodforum

April 28-30, 2025, Kansas City, Missouri, USA



What is AI?



Machine Learning



Prediction Models



Anomaly Detection



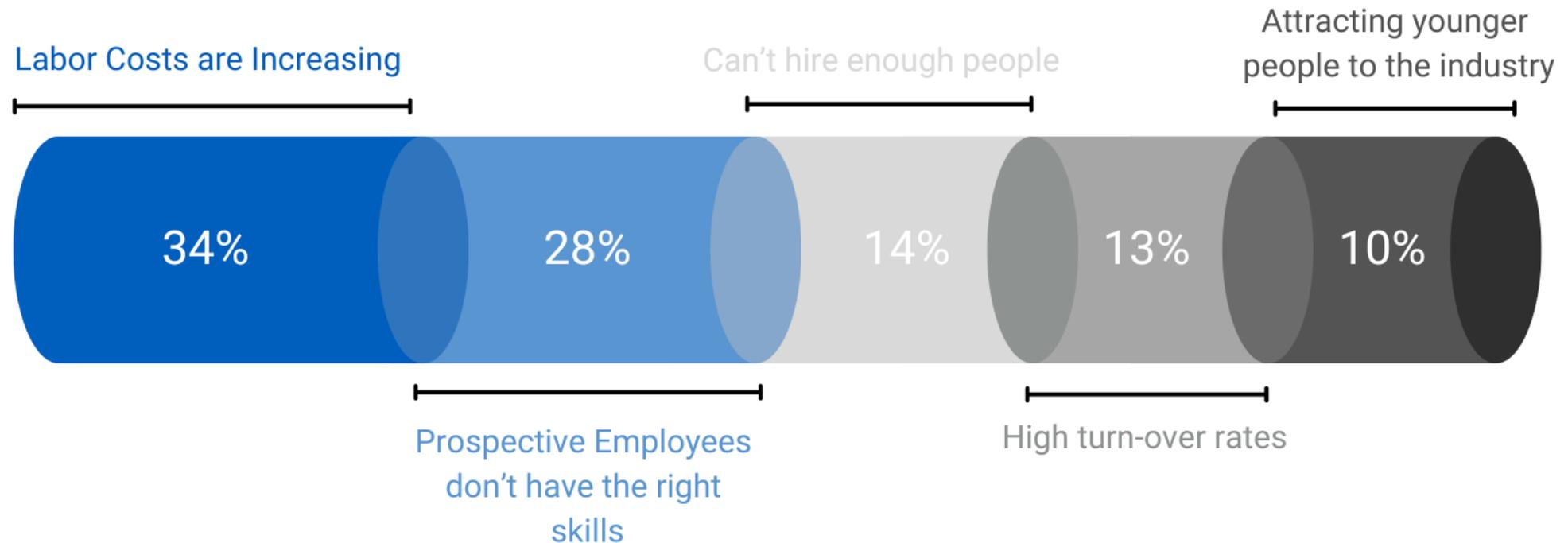
Generative AI – LLMs, Chat GPT, etc.



AI as a Platform

An AI Case Study

The Problem: A shortage in skilled labor affecting capacity, efficiency and growth.



An AI Case Study

The Solution: A digital expert that can provide suggestions and recommendations for solving common problems that operators and support personnel face in manufacturing.

Ultimately shortening the time to go from problem to resolution.



Alarm Module

Use AI to identify, explain, and resolve alarms



Knowledge Base Module

Ask questions against Knowledge Base documents using PlantIQ and explore your documents



Service Tickets Module

Manage Service Issues

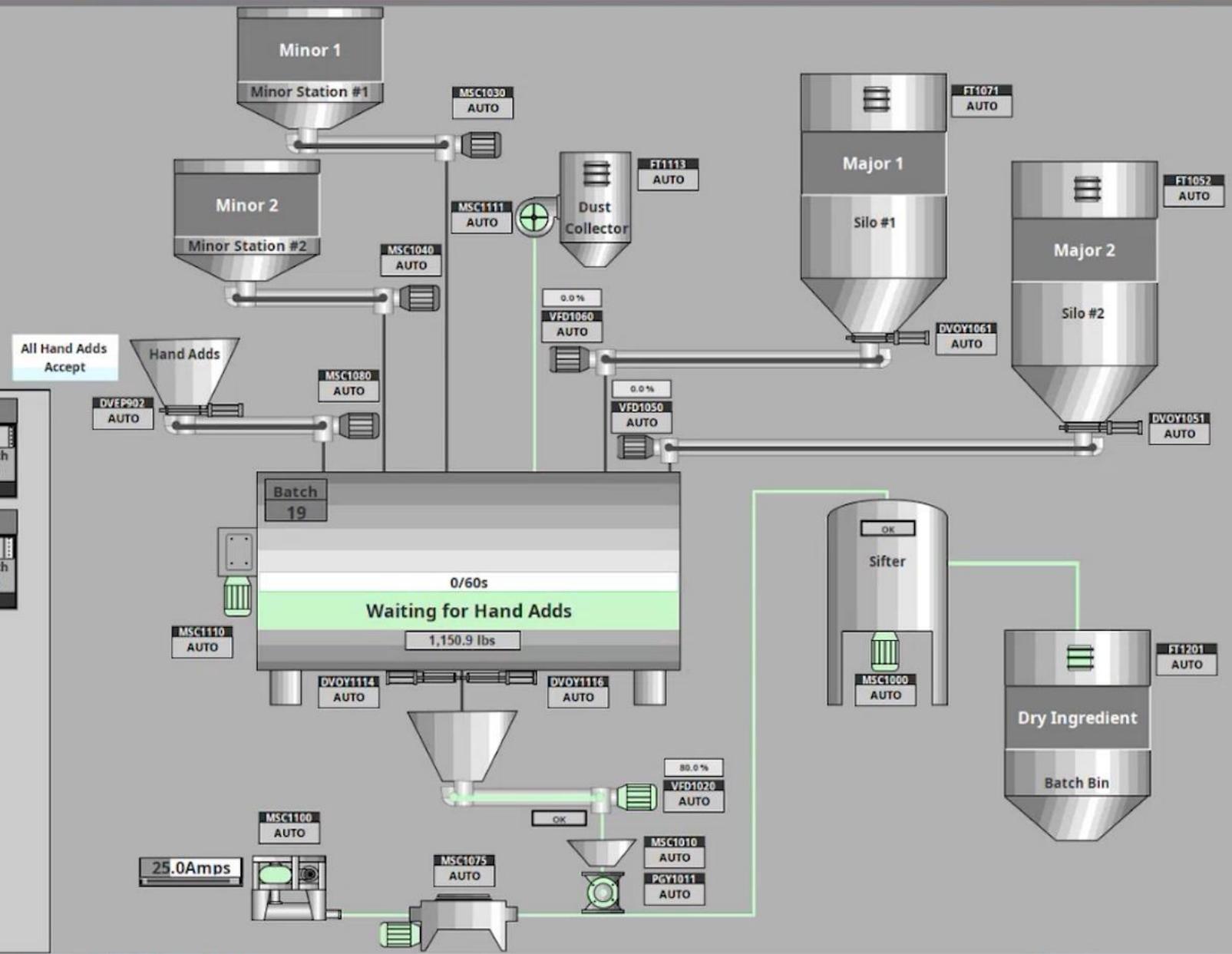
Recipe	Dry Material WO		
Product	Dry Ingredient		
Campaign	75		
Batches	Started	Done	Request
	19	18	20
System	Enabled	Disable	
Batching	Enabled	Disable	
Scaling	Enabled	Disable	
Transfer	Enabled	Disable	

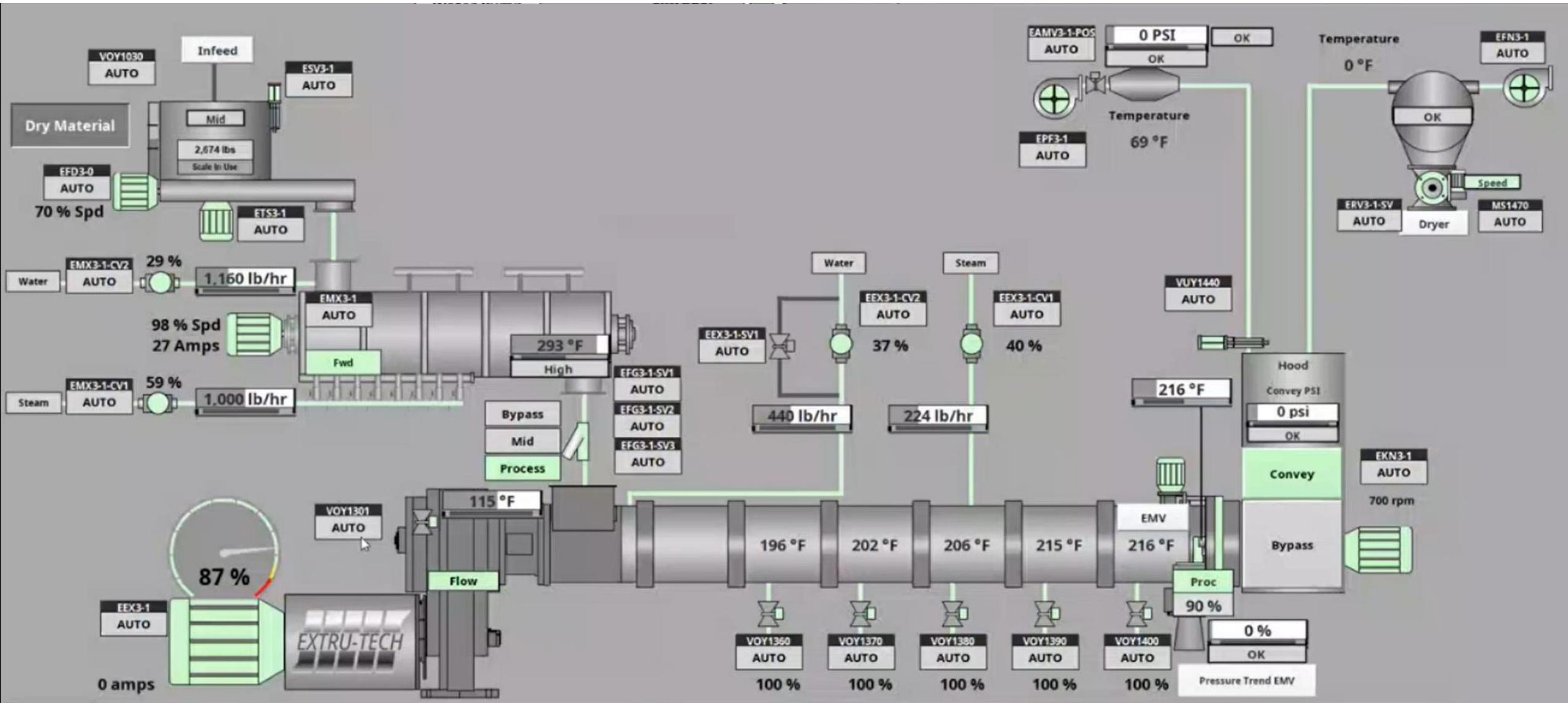
Feedpoints Hand Adds 1 Hand Adds 2 Trends Sequence

All Hand Adds Accept

Major #1				Minor #1			
Major 1	ACT-lb	SP-lb	Batch	Minor 1	ACT-lb	SP-lb	Batch
▶	500	500	19	▶	100	100	19
Wait 4 Disch.				Wait 4 Disch.			

Major #2				Minor #2			
Major 2	ACT-lb	SP-lb	Batch	Minor 2	ACT-lb	SP-lb	Batch
▶	500	500	19	▶	50	50	19
Wait 4 Disch.				Wait 4 Disch.			





Filters

Search... + New

New conversation
0 messages • Apr 22, 2025, 11:12 AM



PlantIQ KB Agent

Ask me about...

How do I clear a fault on a VFD?

What steps would I take to startup the extruder?

What is the part number for an extruder expansion washer?

What steps would I take to clear out a material name on a bin and map a new one?

This app is in beta. Conversations will expire after 24 hours of inactivity.

Type a command...

Our Process: Real Problems, Real Value



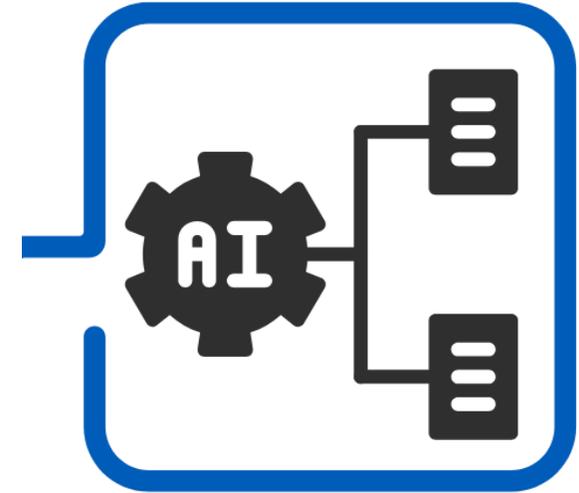
START WITH A REAL PROBLEM

Every workflow starts from a pain point: late orders, excess inventory, downtime, etc.



TIE IT TO REAL DOLLARS

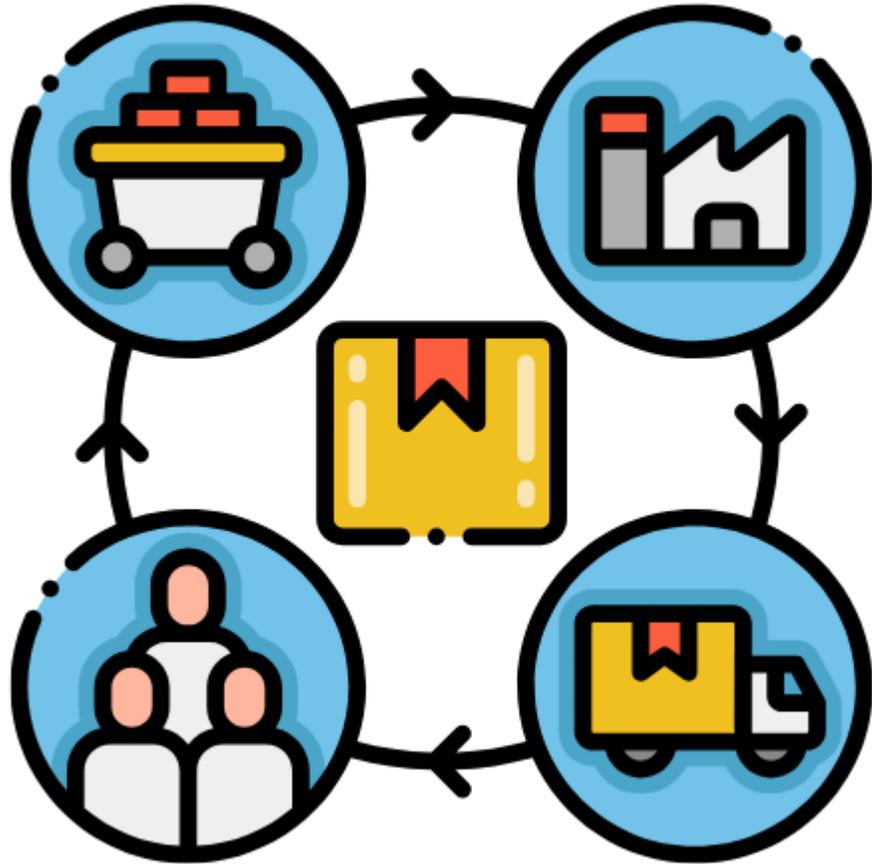
We quantify the opportunity, e.g. a \$10m/year factory losing 10% throughput from poor scheduling = \$1m problem



BUILD A CUSTOM AI WORKFLOW

We design and deploy tailored solutions that give human operators AI-enabled workflows to solve the problem.

Solutions Across the Value chain



Production Scheduling

Reducing costly downtime with AI-assisted schedule optimization, both forward planning and responding rapidly to unexpected events.

Supply Chain Optimization

Reducing excess inventory with automated AI procurement and stock management.

Mission Control for Field Teams

AI-enabled part, process, procedure, and customer information at reps' fingertips – increasing first-time-fix rate.

Continue the Conversation

Petfood Forum Booth 2135



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