

# BioSafe Systems

Cloud-based Reporting



# Mobile data collection and analytics

## BioSafe Food Safety Workshop

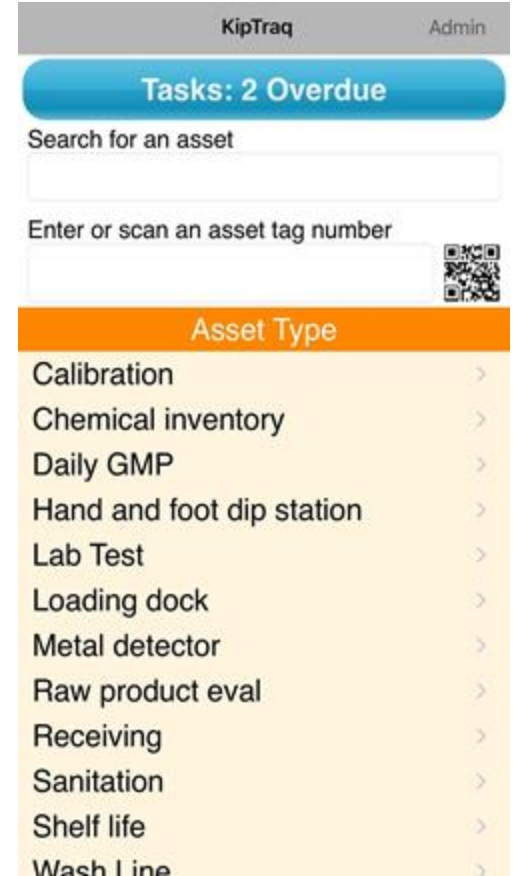
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# What is KipTraq?

We solve data collection and reporting challenges across your entire operation

1. Replicate your paper forms
2. Data captured quickly from a mobile device
3. Automatically generate summary reports and documents online



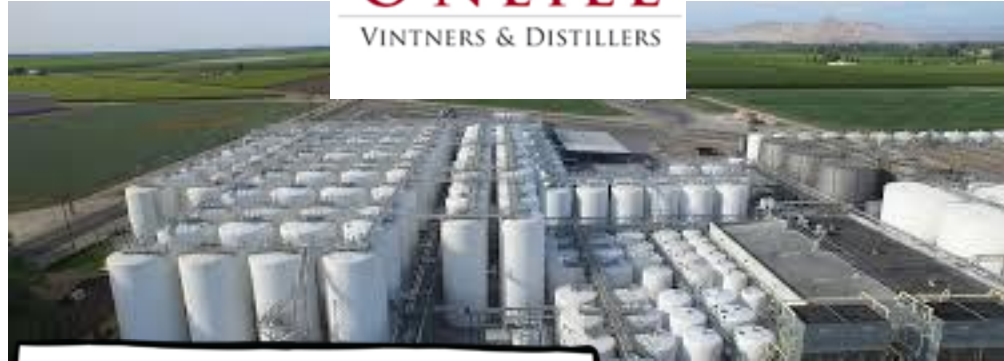
The screenshot displays the KipTraq mobile application interface. At the top, the app name 'KipTraq' and the user role 'Admin' are visible. A blue notification bar indicates 'Tasks: 2 Overdue'. Below this is a search bar labeled 'Search for an asset'. A section for entering or scanning an asset tag number includes a QR code scanner icon. The main content area is a list of asset types, each with a right-pointing chevron:

Asset Type	
Calibration	>
Chemical inventory	>
Daily GMP	>
Hand and foot dip station	>
Lab Test	>
Loading dock	>
Metal detector	>
Raw product eval	>
Receiving	>
Sanitation	>
Shelf life	>
Wash Line	>

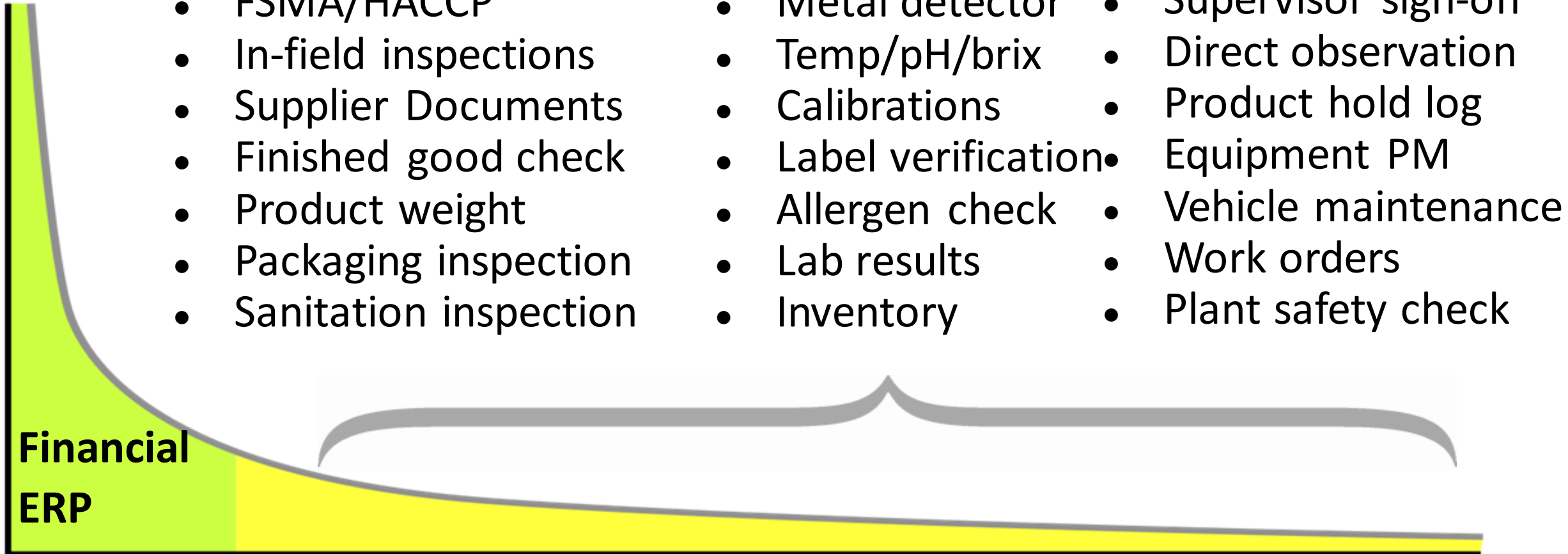
# Over 15,000,000 checks and inspections



**O'NEILL**  
VINTNERS & DISTILLERS



# The “long tail”



# Architecture

Android, iPhone,  
iPad, PC



ERP or other database  
(Famous, SAP, Oracle,  
Axapta)  
3rd Party Laboratories



**BioSafe PAA**  
**Sensors**  
**BioSafe Equipment**  
Vehicles  
Processing  
Equipment

Hourly offsite  
backup



- Excel exports
- Graphs/Charts
- Pivot Tables
- Dashboards
- Scheduled emails
- PDF Forms
- Interactive

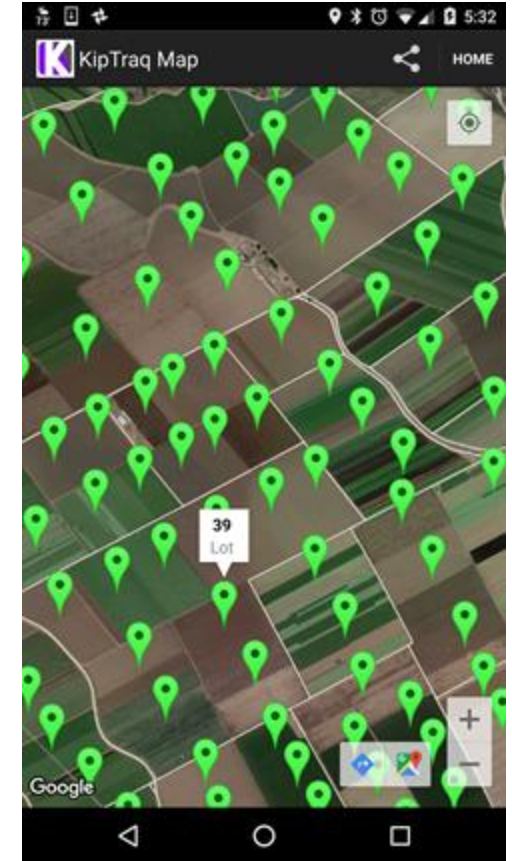
# Our Approach

- We can help create forms, enter data, and build a report to review that data in minutes
- Simple screens, yet extremely flexible
  - Complex things hidden or turned off by default, but available when you need them
  - Can always customize, but usually not needed
- Constantly improving product
- Ongoing training, support, and consulting included - no additional fees



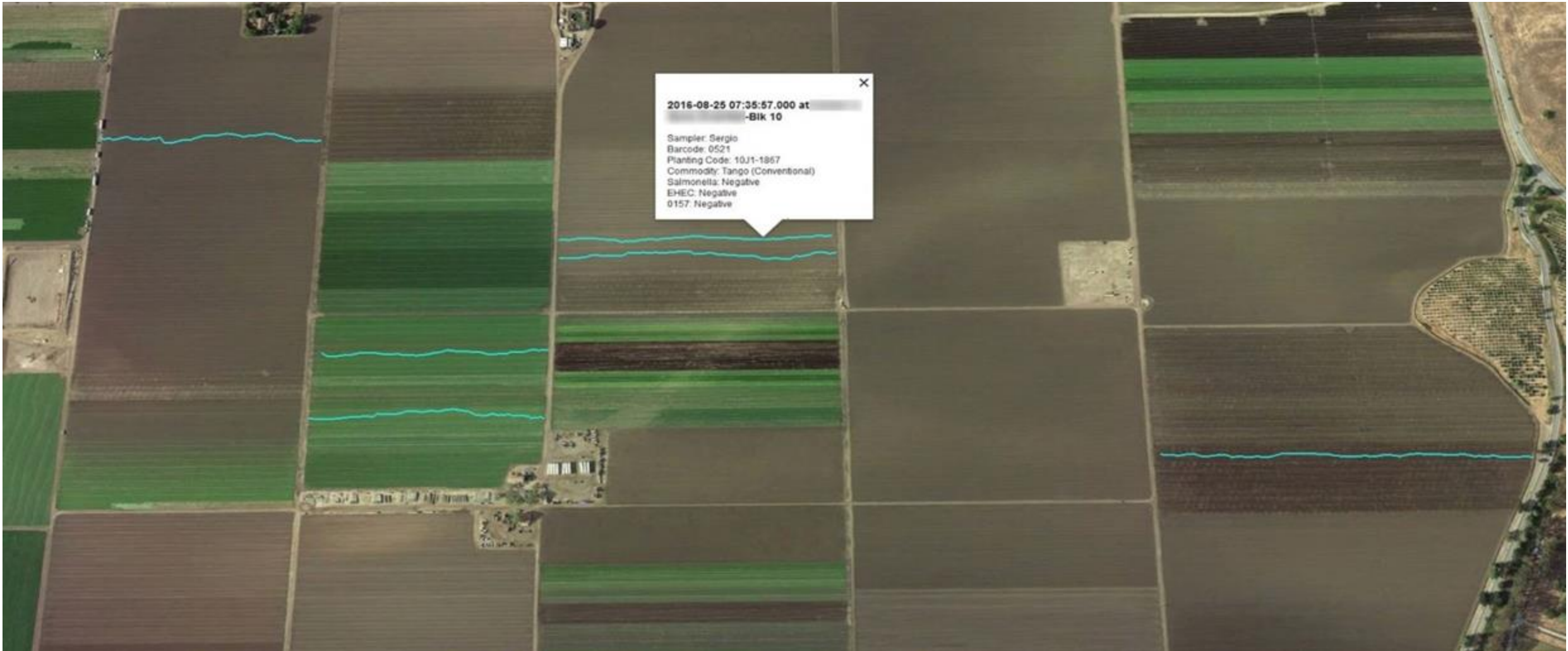
# Features

- Barcode/QR code scanning
- RFID user cards and asset tags
- Set min/max, highlight on screen and optionally email when exceeded
- Take pictures
- Store file attachments
- Schedule tasks
- Inventory management
- Multi language support
- GPS mapping



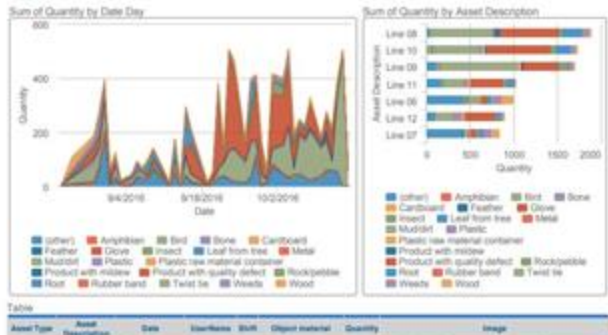


# Field Sampling with Lab Integration



# Reports and Dashboards

## Weekly Summary



Inspection Date: 02/01/2017  
 Inspector: [Redacted]  
 Location: [Redacted]

**Product Identity**  
 Growing Method: [Redacted] Commodity: Kale Product: [Redacted]  
 Lot #: [Redacted] Label: [Redacted] (org)

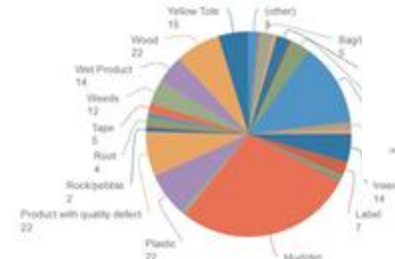
**Product Facts**  
 Weight: 17 Bag Weight: [Redacted] Size: 18

**Score**  
 Appearance: 8.0  
 Pack: 8.0  
 Rate: 8.0

### Optical Sorter Verification

Task	# Calibration	# Sensor Verification	# TM Logged	# DQ
TL 16 S	40	1	20	2
TL 17 S	54	1	25	4
TL 18 S	56	1	57	2
TL 19 S	42	2	53	6
TL 10 S	87	1	43	5
TL 11 S	70	2	50	2
TL 12 S	60	2	50	8
TL 16 G	65	0	0	11

### Object material pie chart



### Leaker Report 08/27/2019

Asset ID	Asset Name	Leaker Type	Leaker Description	Leaker Status	Leaker Location	Leaker Date	Leaker Time	Leaker User
100001	100001	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100002	100002	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100003	100003	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100004	100004	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100005	100005	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100006	100006	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100007	100007	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100008	100008	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100009	100009	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin
100010	100010	Leaker	Leaker	Open	Leaker	08/27/2019	10:00	Admin

### TANK WASH CERTIFICATE / CONFINED SPACE ENTRY PERMIT

Washing Checklist

- TANK WASHING
- WASH & SANIT
- WHEELS/CAP/ TUBES
- PUMP
- VALVES & FITTING
- TANK EXTENSION
- HEEL
- ADJUSTER

Supervisor: [Redacted]

Operator: [Redacted]



### SPC verification



# User pictures



# Results and ROI

- Reduction in “post-processing” effort
  - 20% increase in QA staff efficiency
  - Save 4 hours of supervisor time every day
- “Passive presence verification” - results in increased accountability
  - Easy to write exception based reports
- One customer increased plant throughput by 45% by eliminating bottleneck
- End users like the application more than their existing process

Custom software functionality without custom software prices, rollout times, or bugs