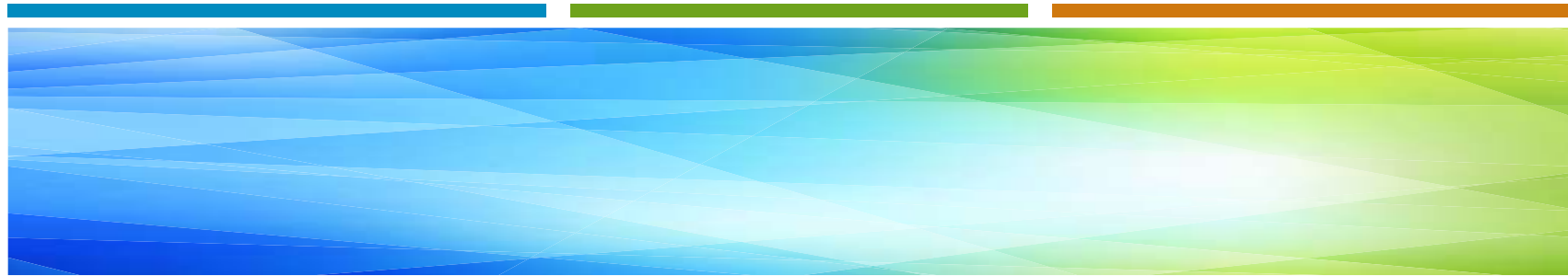


# Mobile to Real-Time Environmental Management Systems



July, 2016

# What if You Could Quickly and Easily....

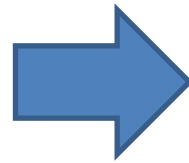
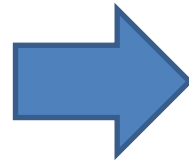
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- Manage all of your assets and field activities in one place?
- Track all of your sampling, inspections, maintenance, and repair issues?
- Meet your most stringent regulatory requirements?
- Address your business and sustainability goals?
- Improve your quality?
- Do all of the above AND save time and money?



# 21<sup>st</sup> Century Technology Changes

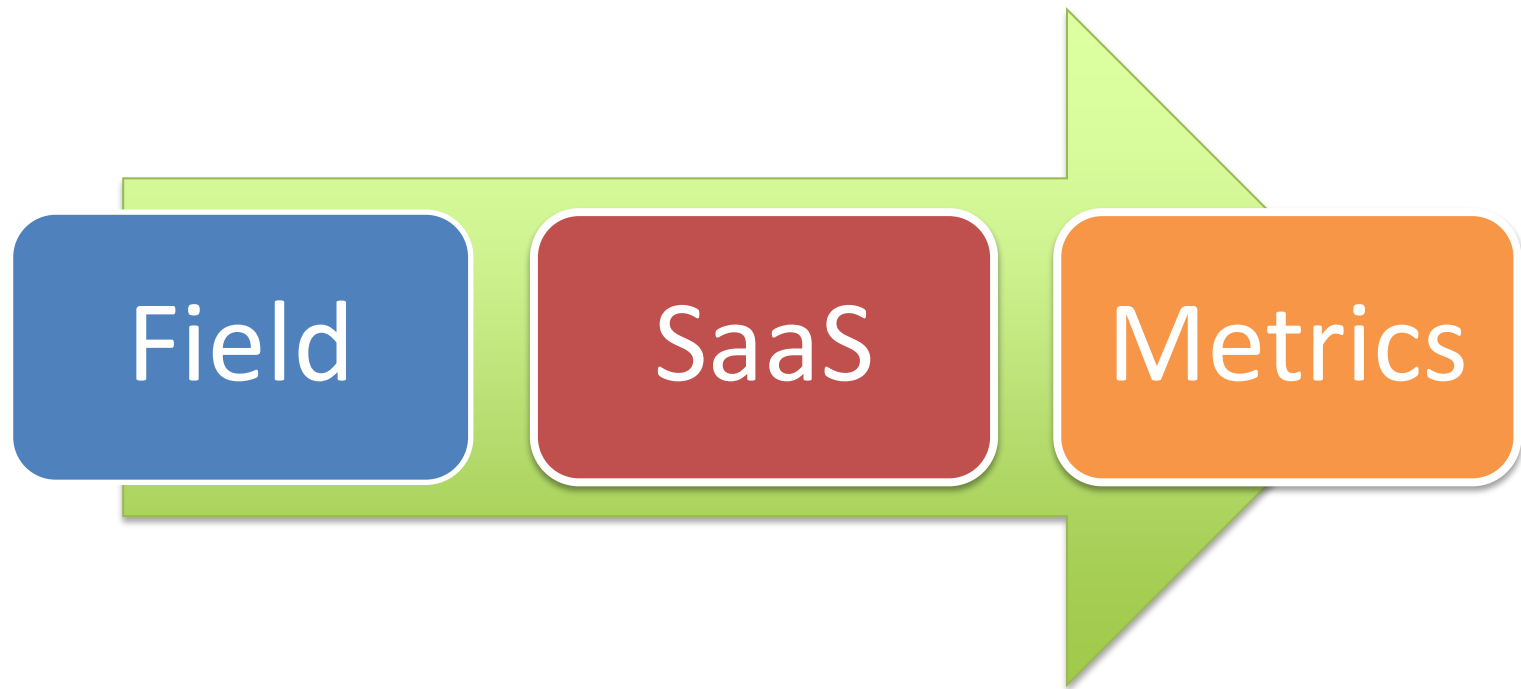
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You can!

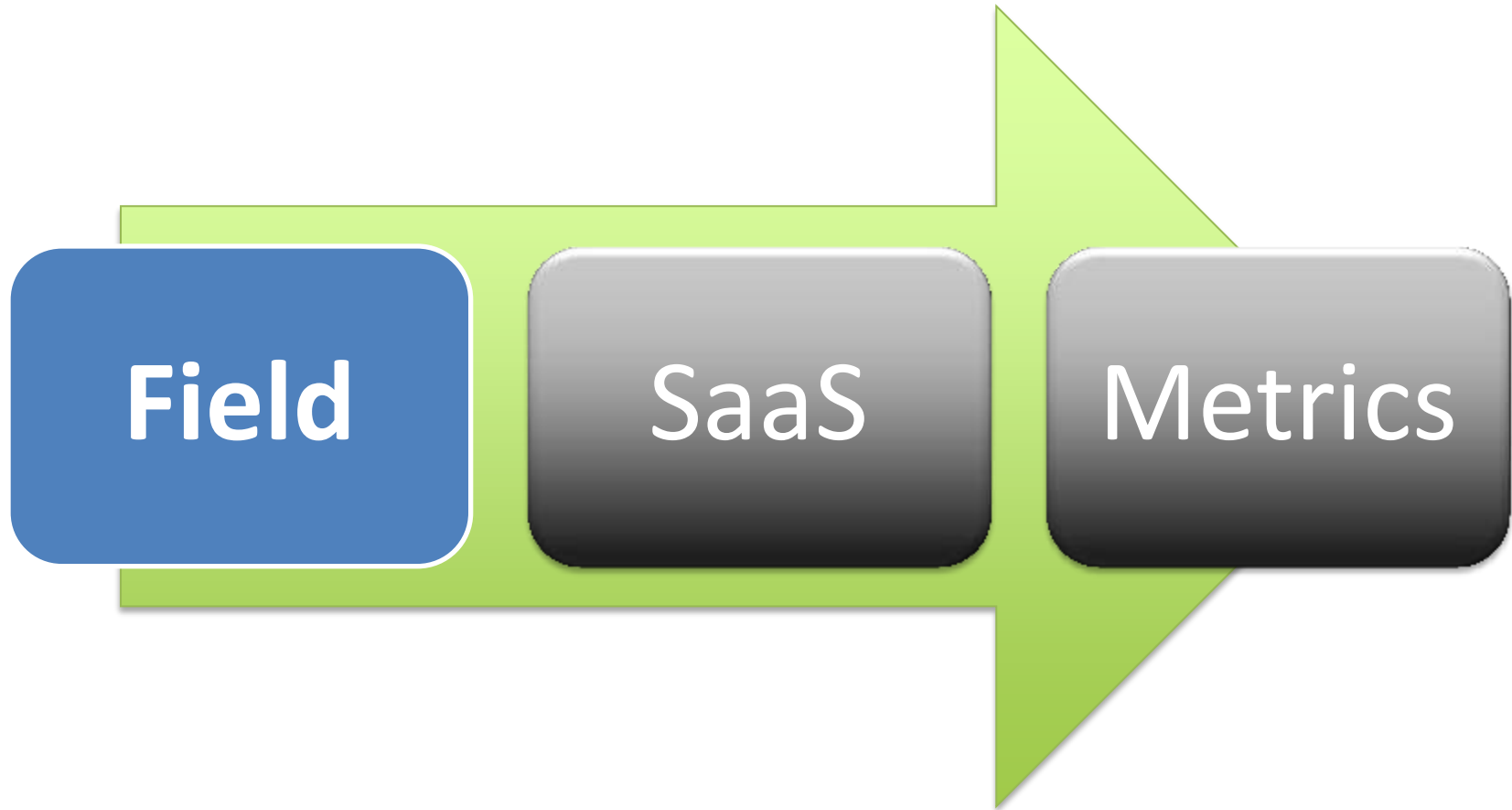
By combining innovation and technology!



**Field Capture to Real Time Results** 

# Field Capture to Real Time Results

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# Going Digital

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- Digitized inspection forms
- Electronic data capture
- Wireless upload
- Real time access to data
- Customized data reports
- Automated inspection interval management

Digital Data Collection



Real Time Reporting

A screenshot of a real-time reporting dashboard. The dashboard features a table with multiple columns and rows of data, likely representing inspection records. The table has a header row and several data rows. The data is presented in a clear, organized manner, typical of a software application's reporting interface.

# What's In It for Me?

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- No data entry errors
- Real time access to data
- Data consistency for reporting
- Reduced field time
- Enhanced Recordkeeping
- Improved Compliance
  
- Cost Saving\$





# Successful Mobile Digital Solution

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- Easy implementation
- Flexible
- Multi platform delivery
- BYOD – Bring Your Own Device (lower costs for purchase and maintenance)
- Work in a disconnected environment




# Successful Mobile Digital Solution

## One Inspection – One Record

Digital form should capture all information, and keep it as one record

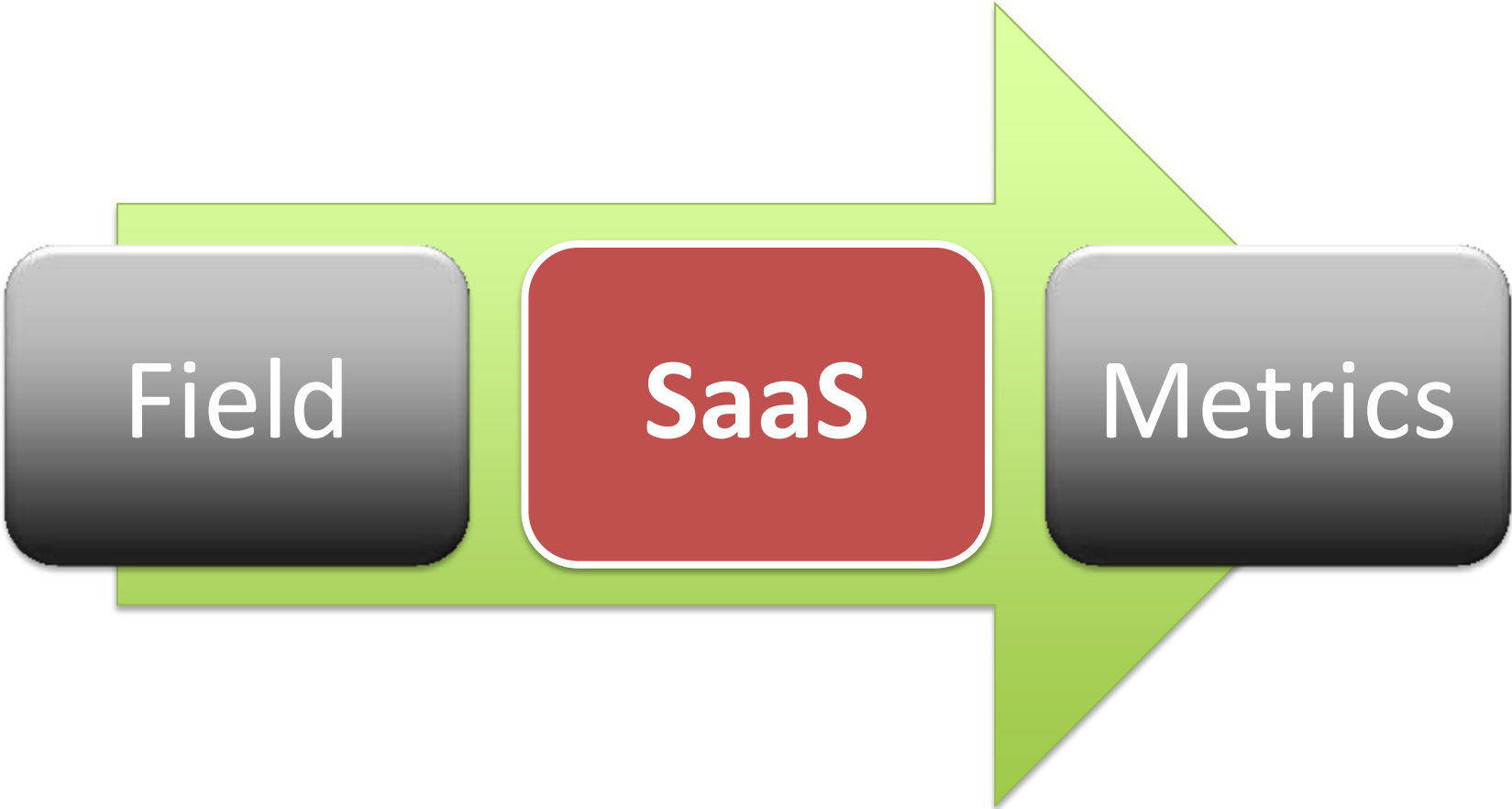
- Photos
- GPS
- Barcode Scanning
- Sketches
- Signatures



The screenshot shows a mobile application interface for a "Physical Site Description" form. The form is displayed on a smartphone screen with a Verizon carrier and a 7:04 PM time. The form fields include:

- Field Name:** A dropdown menu with "Martin Ranch" selected.
- Location Description:** A dropdown menu with "Pure #1 TB" selected.
- Picture of Identifying Marker:** A button labeled "Capture Image" with a camera icon and a menu icon.
- Asset Types (choose all that apply):** A section with a checked checkbox for "AST Tank Battery".
- Number of Tanks:** An empty text input field.
- Secondary Containment Present?:** A checked checkbox.

The bottom of the screen shows a progress bar at 7% and a "Next" button with a right arrow.



# Benefits of a SaaS Solution

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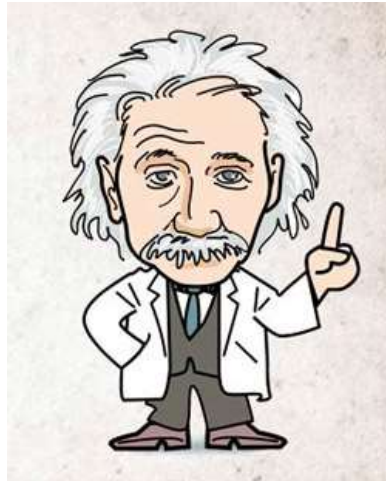
- Low investment cost
- Centralized
- Accessible & secure
- Repository for related documents
- One location for regulatory inquiry

# Benefits of a SaaS Solution

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## Low investment cost

- No hardware
- No software
- No special training



# Benefits of a SaaS Solution

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## Centralized

- One location for ALL compliance records
- All staff working from the same copy
- All contractors contributing consistently
- Documents at set level



# Benefits of a SaaS Solution

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## Accessible & Secure

- Access from any internet connection
- Works outside the company network
- Role based security, allowing access to users inside and outside the company



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Field

SaaS

Metrics



# Metrics – The Power of Data

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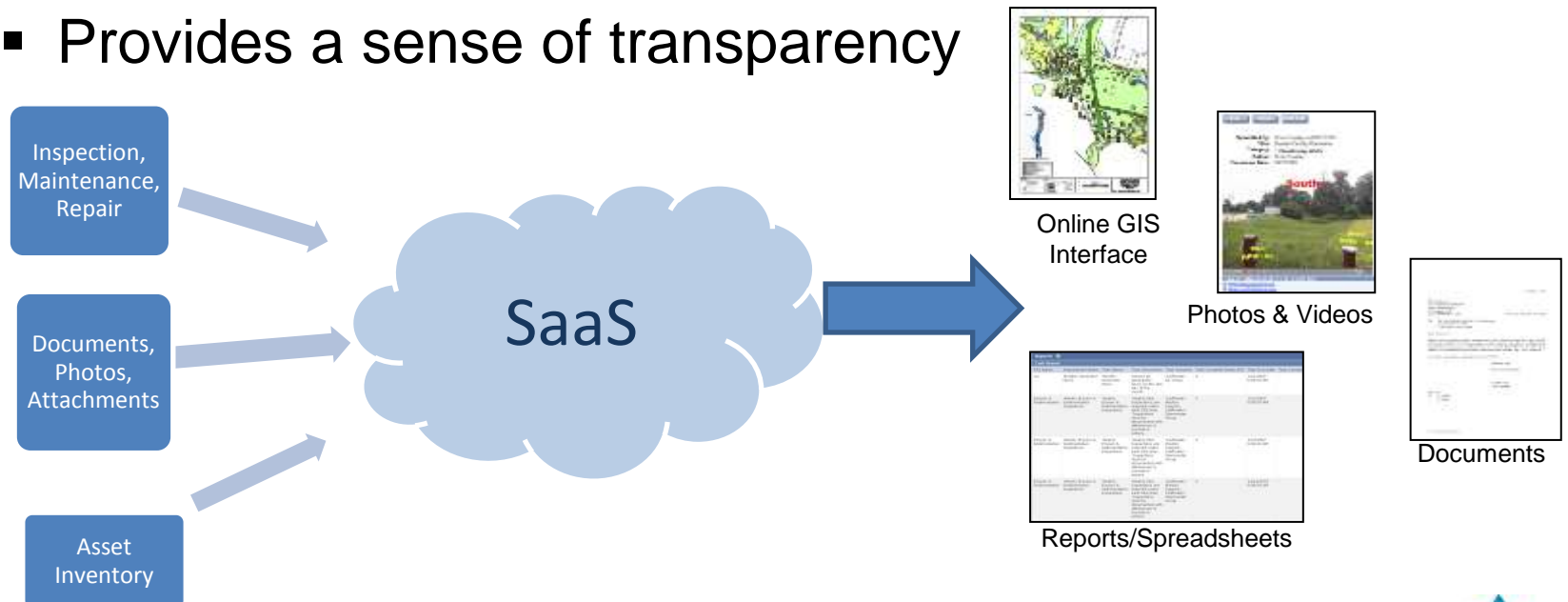
- ❖ Meet compliance requirements
- ❖ Predictive analysis
- ❖ Proactive vs reactive



# Metrics – The Power of Data

## Meet compliance requirements

- One location for all compliance documentation
- Generate customized reports on the fly
- Produces outputs for regulatory database systems
- Provides a sense of transparency



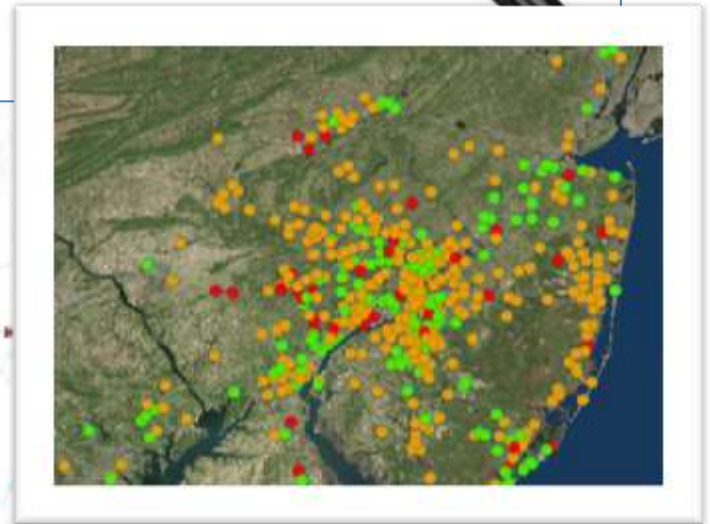
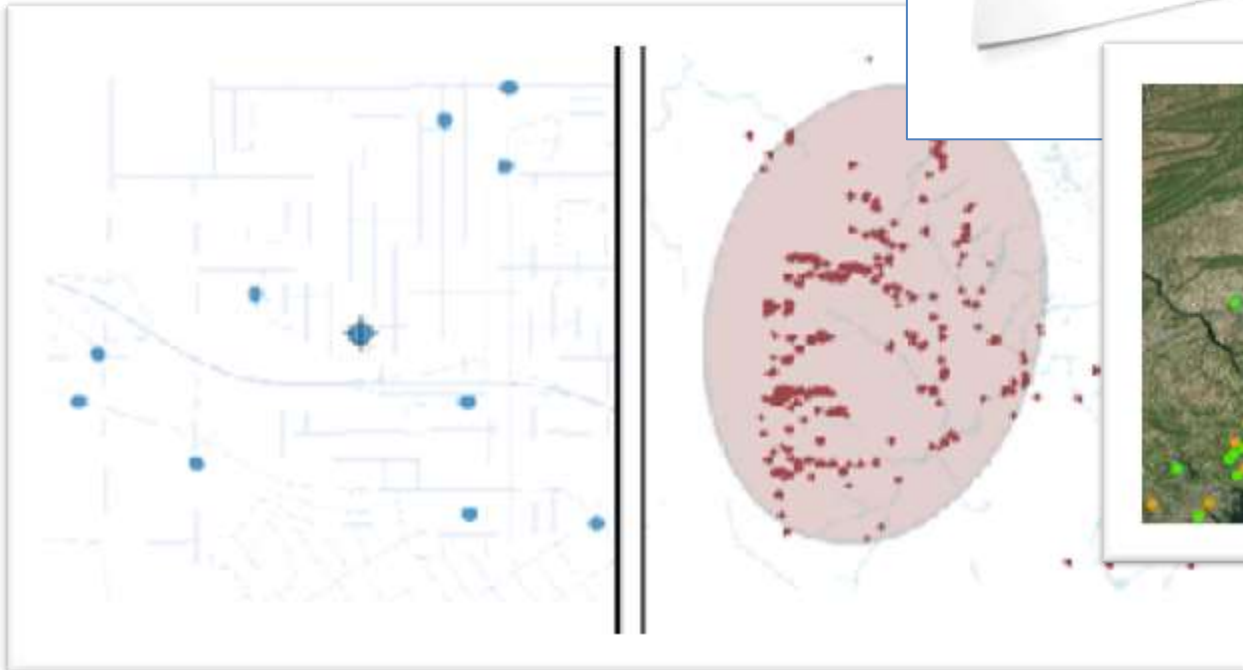
# Metrics – The Power of Data

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## Predictive analysis

Transforms data into insight

View trends



# Metrics – The Power of Data

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## Proactive vs reactive

Allows staff to get 'ahead' of potential issues

Plan for capital expenses



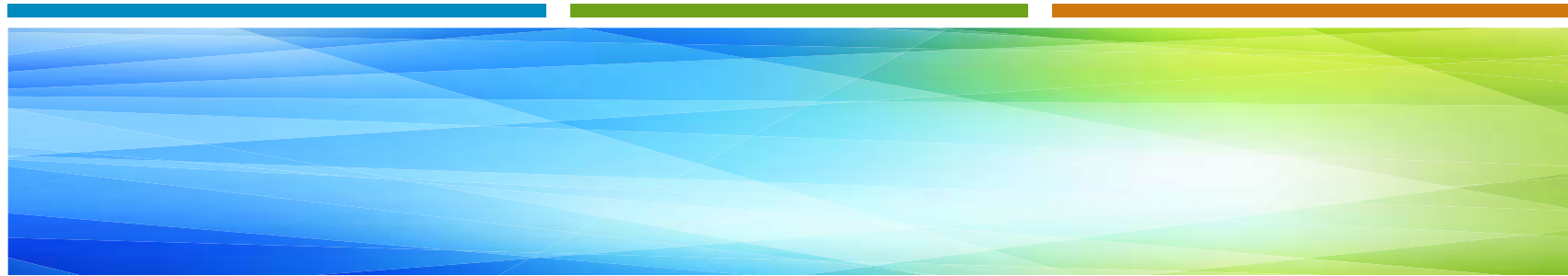
# Benefits

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## *Field Capture to Real Time Results*

- + **Manage:** Compliance Assets & Field Activities
- + **Track:** Sampling, Inspections, Maintenance & Repair  
Status
- + **Meet:** Regulatory Compliance Requirements &  
Business & Sustainability Goals
- + **Drive:** Significant Improvements to Risk Management  
and Operational Performance
- + **Improve:** Quality

# Thank you!



Fran Curtis

[Fcurtis@apexc.com](mailto:Fcurtis@apexc.com)

