Certified Minority Owned Business

OQSIE

TECHNOLOGY SOLUTIONS

Leveraging Artificial and Business Intelligence to enable Culture Change, and Drive Performance and Productivity Improvements.

Irvine, California

www.oqsie.com

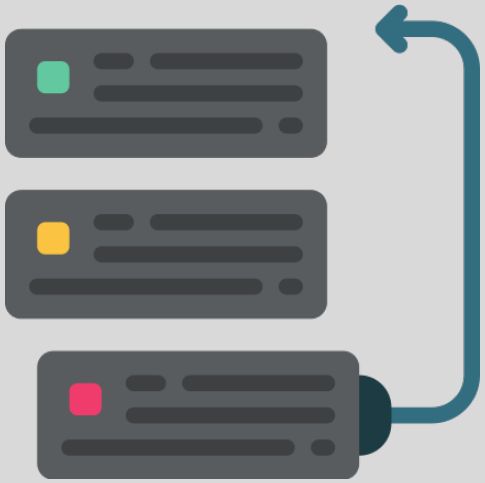
What We Do

OQSIE

*Using **real-time predictive analytics**, we help improve **performance**, **productivity**, and **facilitate culture change**.*

We have codified the approaches, tools and techniques that have proven successful in our work with clients over the past 30 years.

- Help you keep your finger on the pulse of what's happening with actionable information in real time.
- Send alerts (text or email) when something significant is predicted to occur, as the situation begins to develop.
- Enable a supportive and collaborative culture.
- Seamlessly align operational priorities across functional groups.



How We Do It

OQSIE

We offer a suite of applications that will help you anticipate and intervene before major issues arise — no more crises and constantly fighting fires.

- All applications deploy automated alert and escalation system using text and/or email messages to communicate developing issues and accelerate response to performance-impacting events
- Minimal resources required to implement from client's end
- Connect and integrate data from all available resources (MES, ERPs, QMS, LIMS, spreadsheets, etc.)

Pick and choose the application(s) you'd like to implement based on your needs.

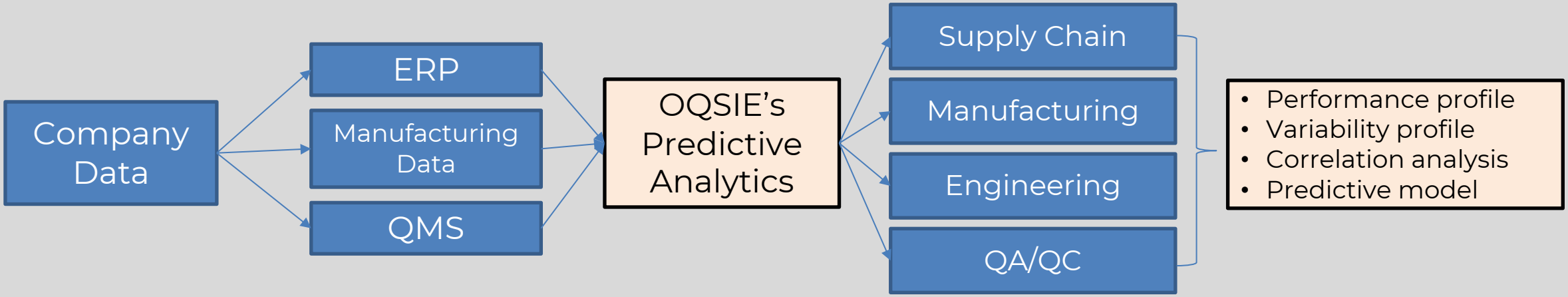
Implementation takes 2-3 months

- ✓ Supply Chain App
- ✓ Production Scheduling App
- ✓ Investigations App
- ✓ Distribution Center (DC) Operations App
- ✓ Overall Equipment Effectiveness (OEE) App

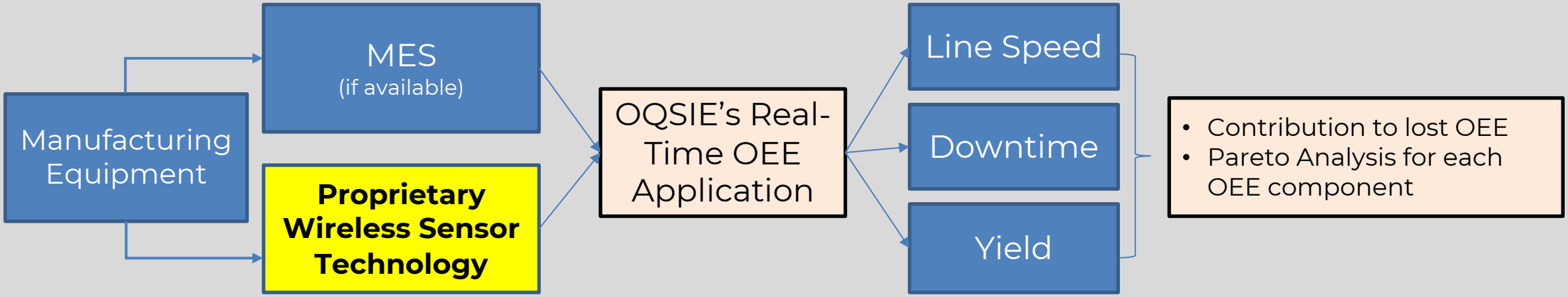
Data & Information Flow

OQSIE

Supply Chain, Production Scheduling, DC Operations, and Investigations



Overall Equipment Effectiveness



Business Impact

OQSIE

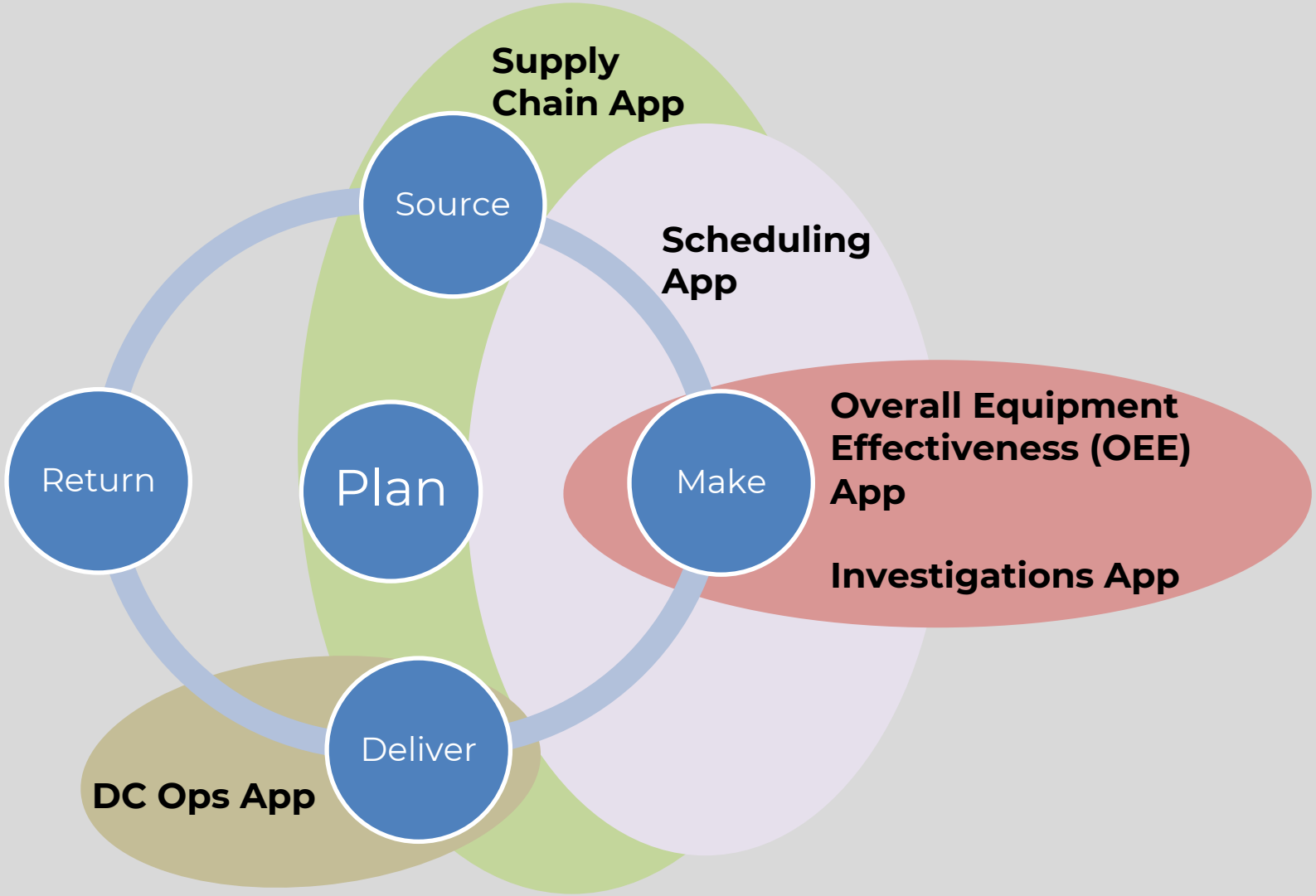
Dramatically accelerate your improvement curve and quickly experience better results and lower costs.

- Lower variability in Supply Chain = better service levels
- Lower inventory levels = better cash flow
- Higher productivity = lower costs
- Constant alignment on priorities = collaborative culture
- Quick implementation time (2-3 months) = faster path to better performance and lower costs

✓ We guarantee, in writing, that you will recover your small investment in the first year, and that software license fees will be covered by tangible cost reductions of at least 4 times larger.

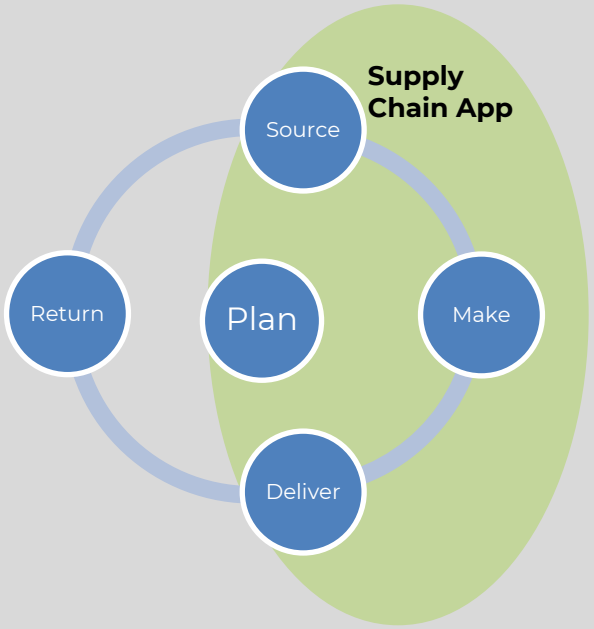
Our Applications

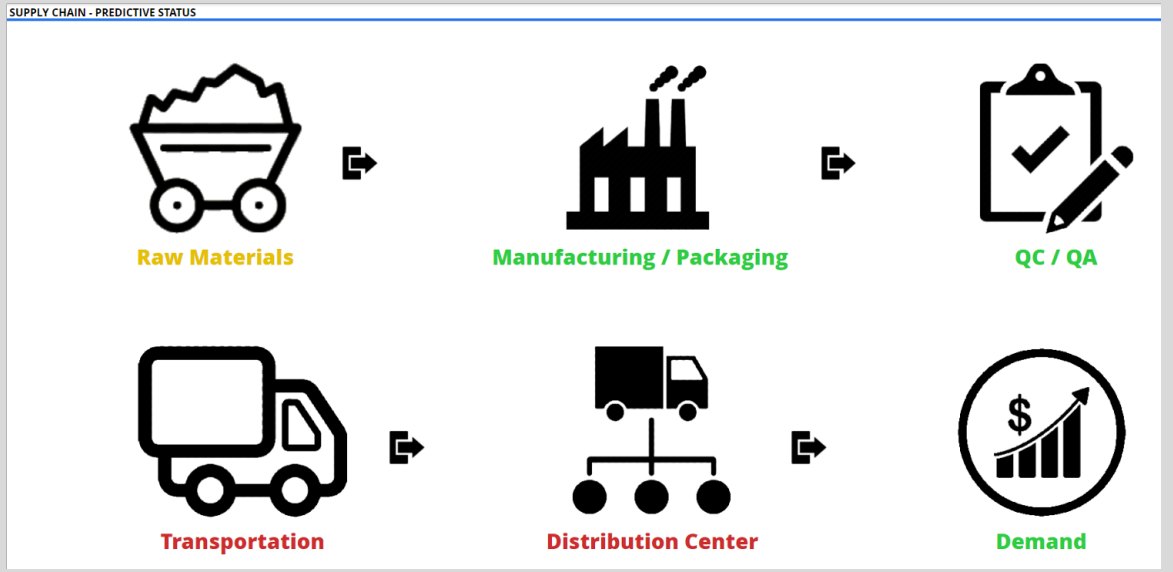
Seamlessly integrated into the SCOR Framework



Supply Chain App

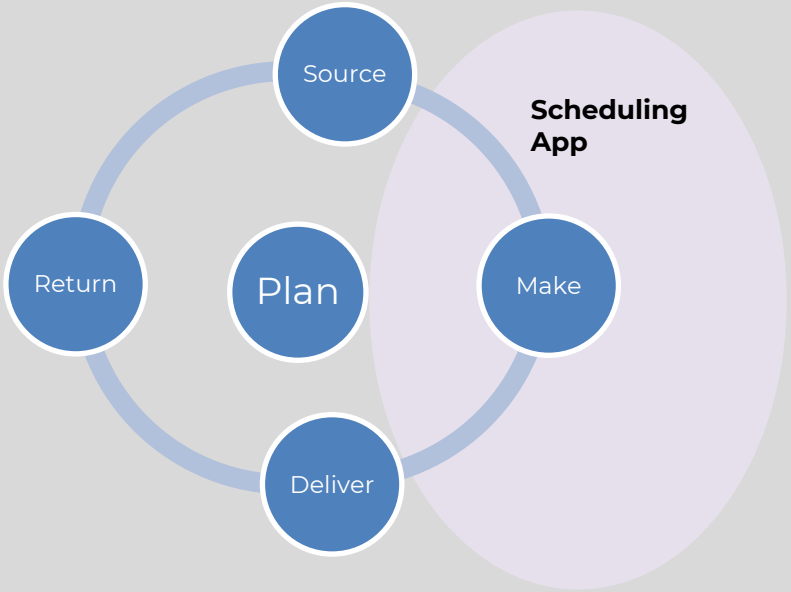
- A deep understanding of performance and variability patterns for demand and supply is at the heart of our Predictive Supply Chain Status application.
- An event that is likely to cause product availability issues, triggers a “colored flag” on the status view, alert and escalation messages are issued to designated team members and leaders, e.g.
  - Demand that exceeds the capability of the supply chain to support, including planned safety stock levels, triggers the demand chevron to turn red
  - “Shortages” anywhere in the supply pipeline triggers a change in color in the chevron of the step causing the shortage

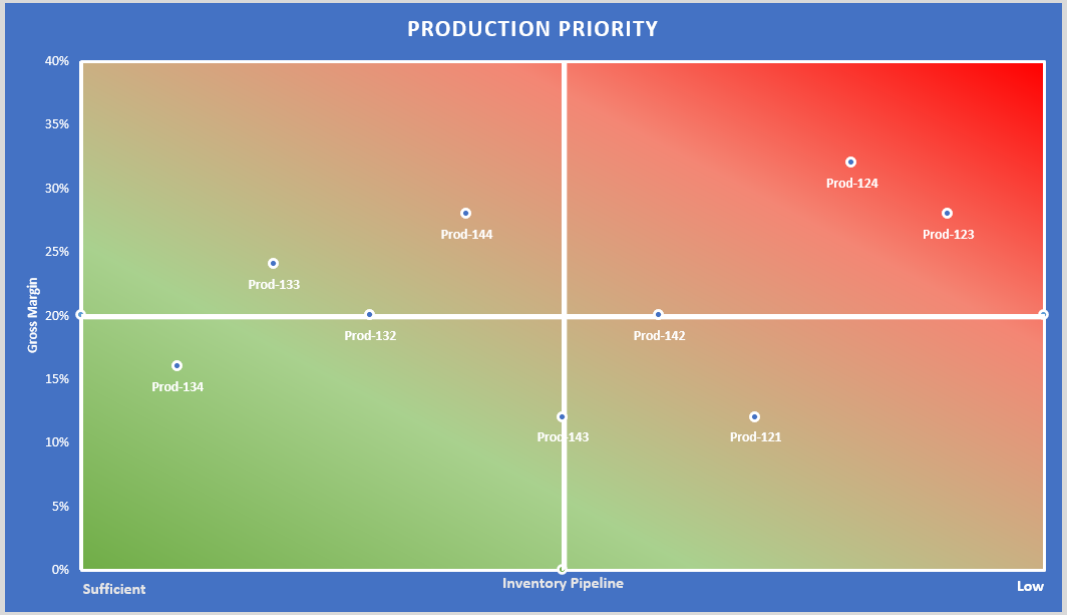




Production Scheduling App

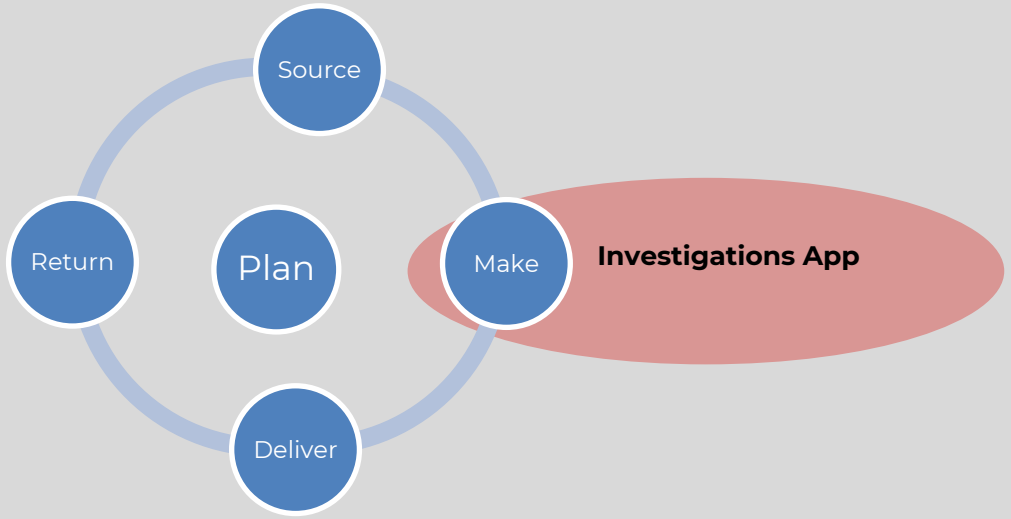
- Our Application displays SKU priority based on your defined criteria
- Customizable to client's criteria
  - In this example, **x-axis** = inventory level and **y-axis** = gross margin
- The app is designed to enable demand-driven scheduling and prioritization, also supports MRP driven decisions
- Scheduling and priorities are captured for each step of the supply chain
- Priorities are updated in real-time

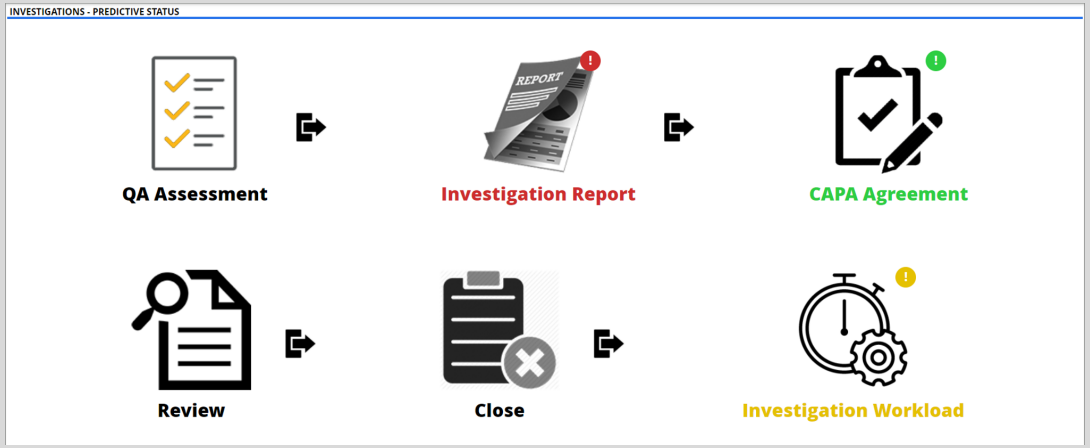




Investigations App

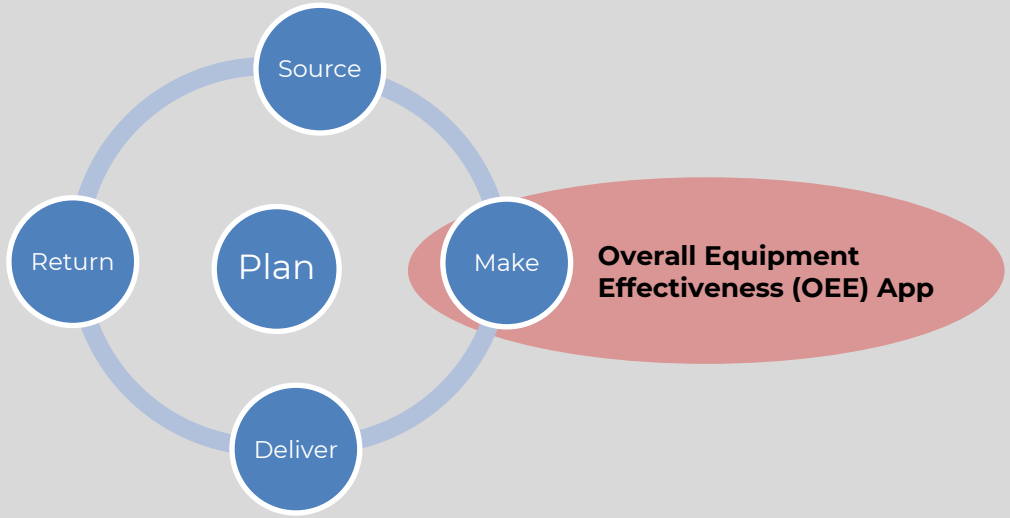
- Signal when an investigation is predicted to be completed beyond the quality policy timeframe.
- Signal when an investigation is not progressing as expected, based on meaningful factors, such as:
  - Work cadence of assigned investigator
  - Prior investigations of that product
  - Investigations with similar characteristics, e.g. elapsed time from event, functional group launching it, manufacturing process involved, etc.
- When connected to the Supply Chain application, signal when the predicted completion date may impact product availability.
- Deploy an automated alert and escalation system, through text and/or email, to trigger corrective actions and alert management team of the predicted issue.

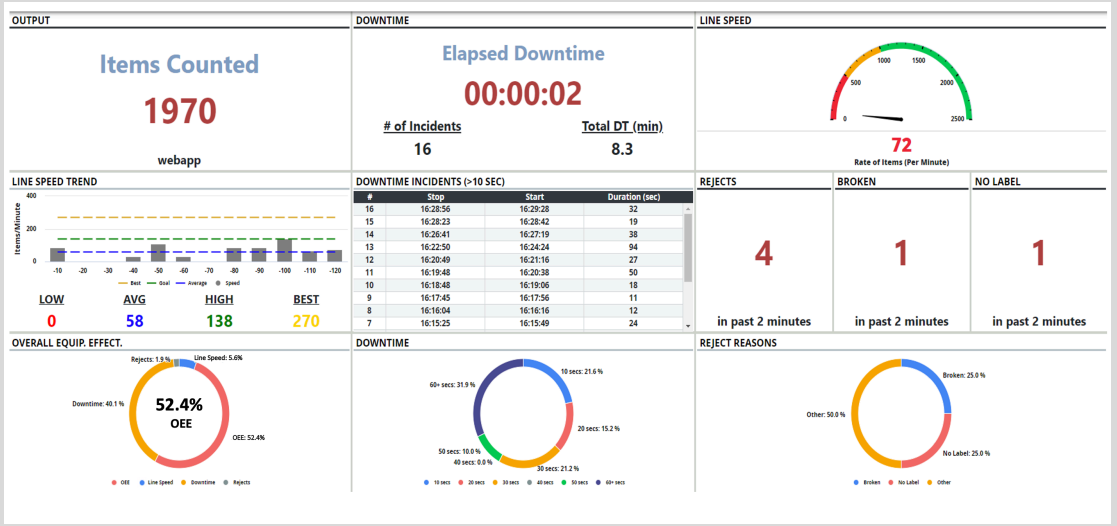




OEE App

- Signal when OEE on a critical equipment / process drops below the target level
- Alert relevant support groups, e.g. maintenance, when an OEE component is impacting performance
- Real-time current and historical pareto analysis
- Data is collected through:
  - Existing MES infrastructure (if available)
  - OQSIE's proprietary wireless sensor and data collection technology
- When connected to the Supply Chain application, signal when the predicted impact of an OEE related issue may impact product availability.
- Deploy an automated alert and escalation system, through text and/or email, to trigger corrective actions and alert management team of the predicted issue.





Work With Us

OQSIE

*Leverage our **30+** years of experience leading operational performance improvement and quickly benefit from **lower costs** and **better results**. We are so confident in our ability to deliver results that we guarantee, in writing, a **short payback period and ongoing financial benefits**.*

CONTACT:

Jaime Velez at Jaime.Velez@oqsie.com

AND

Bill Schmidt at Bill.Schmidt@oqsie.com