



Quality Systems Excellence: Connections Delivering Improvements

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magazine

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The Connected Workforce Solution

Quality Systems Excellence – Connections Delivering Improvements

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Dignity, Purpose and Growth.



Eliminate
Food Safety Risks

Reduce
Admin Burden

Ensure
Audit Ready





**Manual or
Unused Systems**



**Factory in the
Dark**



**Time, Resources,
& Skills**



**Departments
Working in Silos**



FDA Warns [REDACTED] After Repeated Food Recalls for Undeclared Allergens

[REDACTED] Recalls Ready-To-Eat Salad Containing Chicken Due to Misbranding and Undeclared Allergens

FSIS Issues Public Health Alert for Ready-to-Eat Chicken Meal Kits Due to Misbranding and Undeclared Allergens



FSIS Issues Public Health Alert for Ready-To-Eat Salad Containing Meat and Poultry Products Due to Misbranding and Undeclared Allergens





Paperless Flexibility



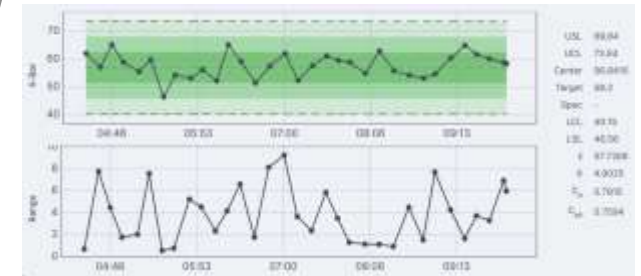
Data Capture Options
Leverage iPad
Technology

Regulatory
Compliance



Build/
Configure
Checks/Audits
with Triggers
and Reactions

Audit and
Analyze
Realtime
Data



Compliance

Paperless Quality



Eliminate Paperwork

- Simple Paperless QA Checks
- Auto Trigger/Alert to missed or failed checks
- Management by Exception
- Integrate Quality into Ops

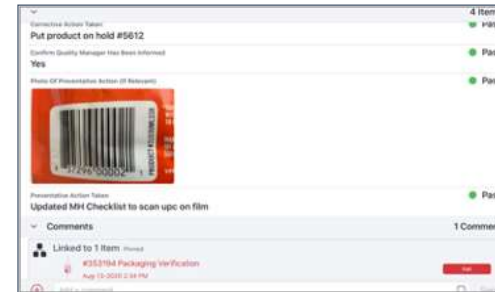
Statistical Process Control



Maximize Product Quality

- Reduce & Control Giveaway
- Alerts Out-of-Control State
- Deep Statistical Analysis (Cp, Cpk, Cm, & more)
- Develop True Process Capability

Production Checks



Adherence to Standards

- Checklists to standardize work
- Trigger Checks on time basis
- Startups & Sanitation
- Increase Compliance & Alerting
- Enable paperless EHS, GMP incident reports

Audits



Increase Audit Confidence & Performance

- 5S / Safety / GMP / TPM
- Weighted Scoring
- Real Time Track & Trend
- Set Behavioral Standards
- Trigger Actions on Failures



Labor Shortage

Changing demographics

Turnover

Absenteeism and turnover reducing tenure & experience

Wage War

Wage increases not moving the dial

Inflation

Energy & material cost increases



2.8%

Labor Productivity Not Keeping up with Inflation

*Bureau of Labor Statistics

10,000

**Baby Boomers
Retire Everyday**

*US Census Bureau

27%

**of parents consider
manufacturing an acceptable
career for their children**

*Society of Manufacturing Engineers (SME) Survey

2.4M

**Skilled Worker
Shortage**

*Deloitte's 2021 Manufacturing Skills Gap Study

70%

**Workers
Unengaged**

*Emergence Capital: The State of
Technology for deskless workforce

40%

**Employee
Turnover**

*Bureau of Labor Statistics








29%
PRODUCTIVITY


14pts
OEE


728K-1.4M
LABOR SAVINGS

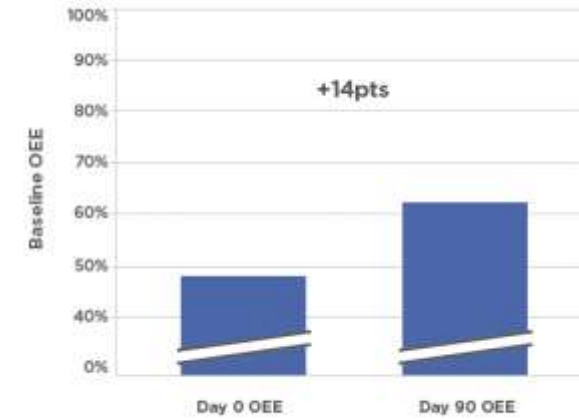
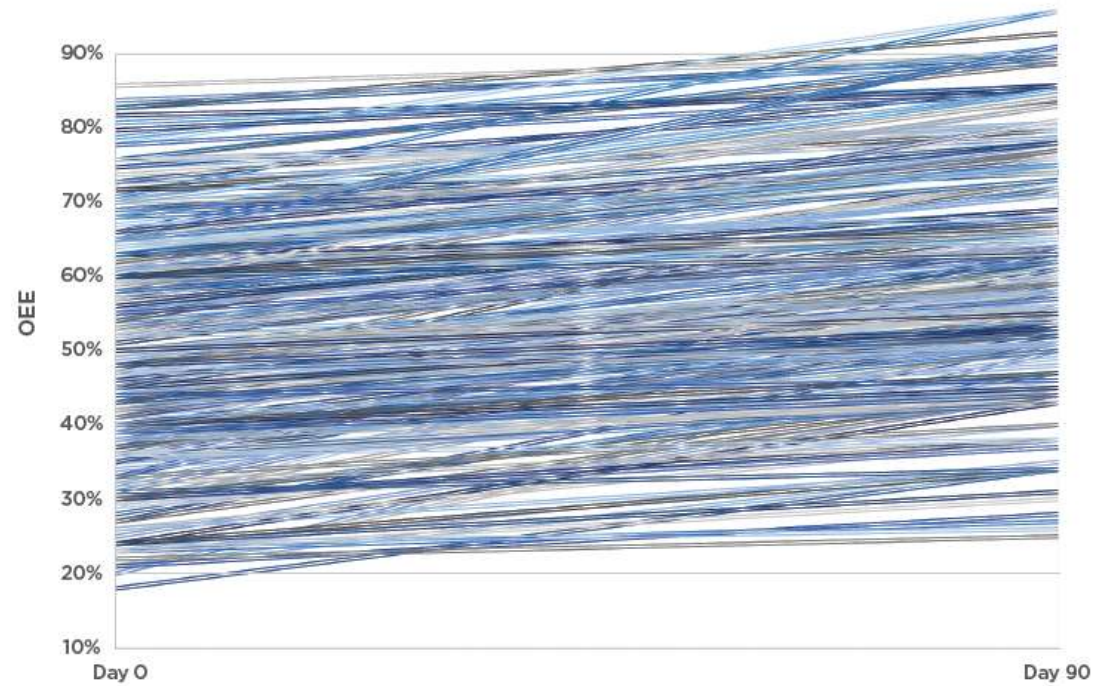


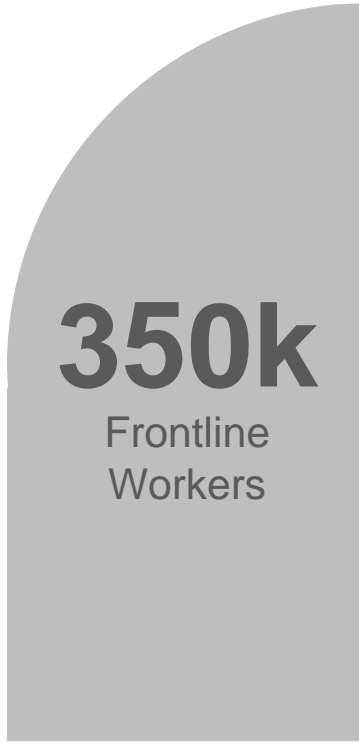
Benchmark Report 90-day Results

+14pts
OEE

+29%
Productivity

90-Day Plant OEE Increases





Average Results

29%

Productivity
Uplift

74%

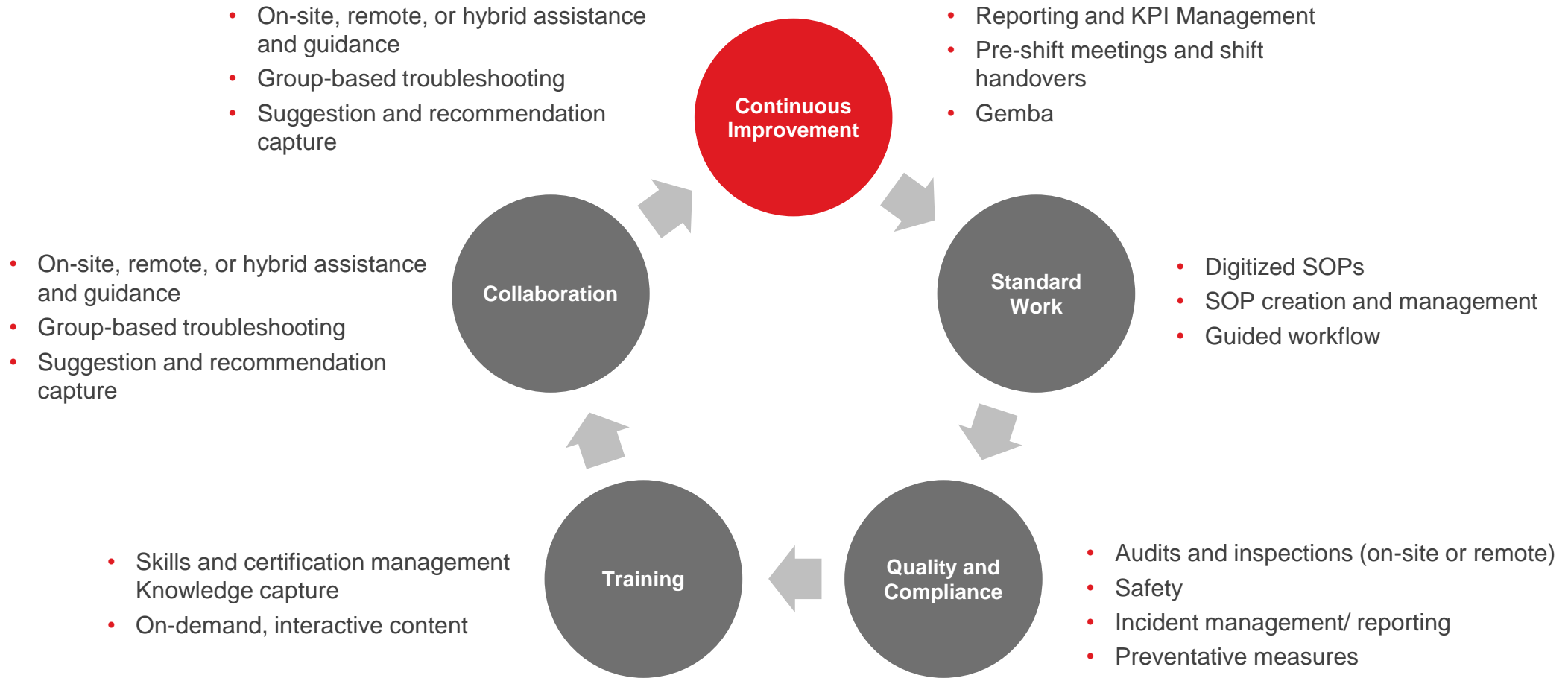
Increase in
Engagement

32%

Reduction in
Staff Turnover

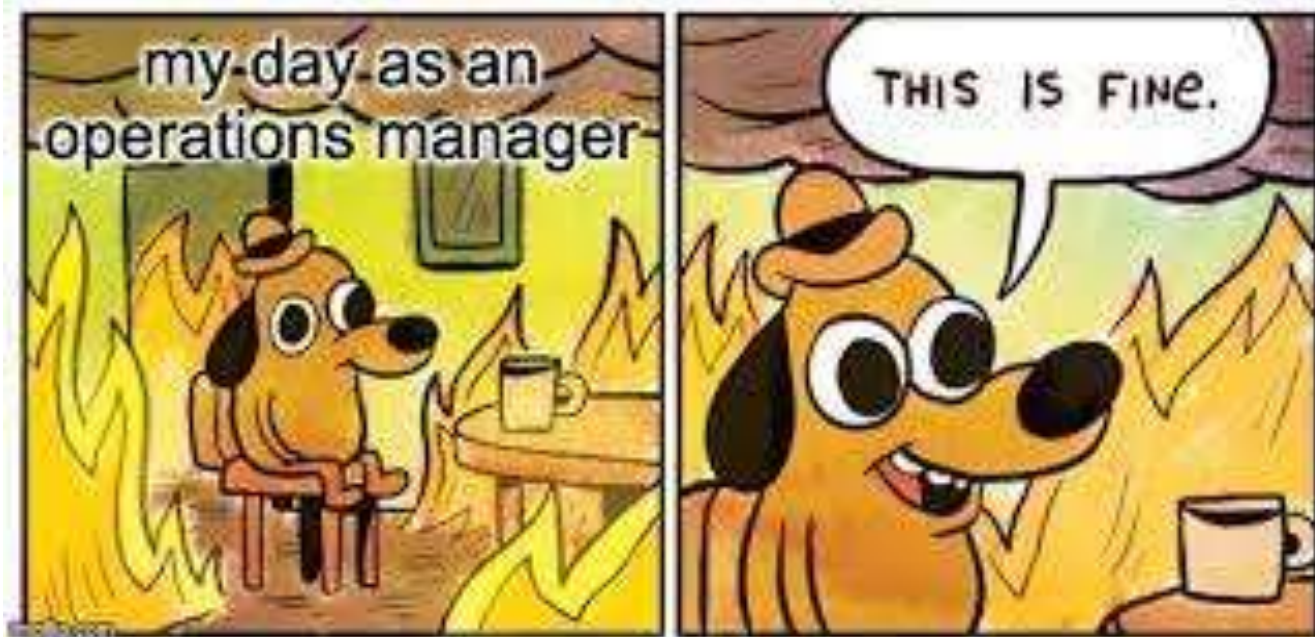
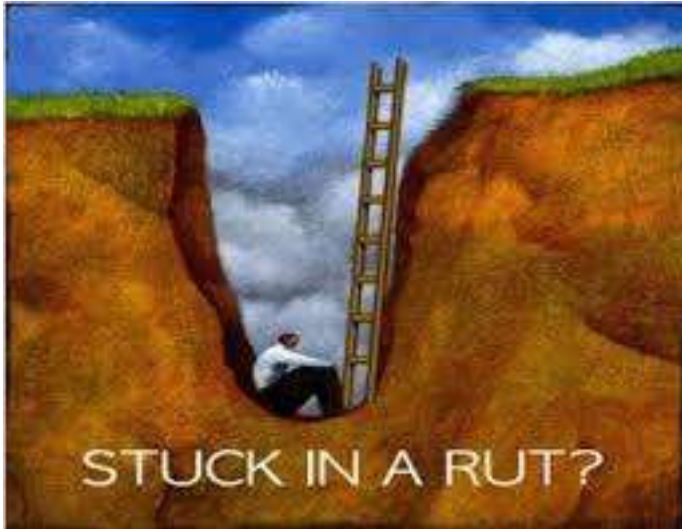


Gartner – Defining the Connected Frontline Worker Space



KPI = key performance indication; SOP = standard operating procedure
Source: Gartner





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