

THE PLEX MANUFACTURING CLOUD

The Four Compass Points of Quality Managers in Food and Beverage

Keep your organization on the path to prosperity with a closed-loop quality strategy that puts you ahead of the competition.

PLEX
THE MANUFACTURING CLOUD



Superior customer satisfaction is your goal, but can you improve quality, lower costs, and be compliant all at the same time? Some questions you may want to ask yourself:

Can you keep up with—or exceed—high customer expectations?

Does increasing complexity in your customer products translate into greater complexity for you?

Are you able to drive down waste or does it just seem to keep piling up?

Do you even know cost of quality in your business?

Are you able to respond to a recall in the amount of time required by the U.S. FDA?

Are you spending too much time on quality documentation with no production benefit?

Wouldn't you like to turn quality into a "profit center" instead of a money pit?

#1: Customer Satisfaction

You're laser focused on delivering customer orders on time and to specification, but are your systems and procedures helping or hindering? Could you "up your game" by incorporating closed-loop quality into everything you do?

CHALLENGES

Poor or inconsistent quality procedures.

Frequent spoilage, chargebacks, or recalls.

Late orders and expedite charges.

HOW PLEX HELPS

Quality management in the Plex Manufacturing Cloud is designed with built-in, error-proofing as a core concept. Inspection procedures are initiated per the control plan, ensuring operators perform inspections as specified. Even problem control is an integral process in Plex, so doing the right thing is the easiest way to deliver quality products resulting in customer satisfaction.





#2: Compliance

Of course you strive to deliver quality products for the health and safety of your customers, but the reality is that compliance is the name of the game. Are your compliance activities merely a check in a box, without improving quality performance?

CHALLENGES

Ever-changing industry requirements.

Multiple regulatory bodies to satisfy.

Customers passing risk on to suppliers.

HOW PLEX HELPS

The Plex Manufacturing Cloud is a database-driven solution that records actual production and automates quality compliance documentation. It's a cloud-based ERP and MES that comes complete with templates for food and beverage industry compliance. And with top-to-bottom and end-to-end connectivity, you can monitor your suppliers' compliance for easy reporting to your customers.

#3: Documentation and Audits

Audits and compliance often mean a paper chase to keep your records up-to-date, and can take your eye off the ball for delivering high quality on time. How long does it take you to pull the proper documentation in the case of an audit or worse, a recall?

CHALLENGES

Paper-based processes that are too hard to manage.

Multiple data sources that make reporting difficult.

Numerous audits that disrupt operations.

HOW PLEX HELPS

For every action in production there is a digital transaction in Plex, so managing and finding “documentation” is as easy as calling up the proper form. No paper handoffs, no manual user input errors, and no lost documents. Plex works from a single source of truth, so there is no hunting through multiple places for compliant documentation. Auditors love Plex because everything they need is in one place, so audits take hours instead of days.





#4: Continuous Improvement

Lean manufacturing is a journey. Not a destination. If you lose your focus, even for a moment, your competitors will pass you by. How can you strive for continuous improvement (CI) without tools that were designed specifically for it?

CHALLENGES

Need to continuously train operators.

Departmental versus company-wide view of quality.

Procedures that people always follow.

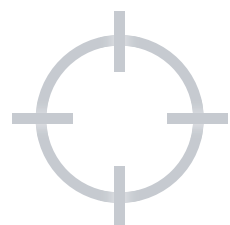
HOW PLEX HELPS

The Plex Manufacturing is designed around lean thinking to eliminate the waste that is typical in many production environments. Integrated error-proofing protects against the kind of workarounds that result in process short-comings. Built-in continuous improvement and preventative maintenance modules help you manage your own CI initiatives to beat your competition to the finish line.



INDUSTRY

Craft beer brewing



99.7%

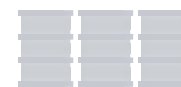
Inventory accuracy



96%

Reduction in inventory discrepancies

100,000



Barrels of brewing capacity

“With the Plex model, we were able to get significantly lower cost of ownership over a 10-year period. Plus, I don’t have to deal with the headache of having a big IT system in-house. It allows us to focus on what we do best.”

Steve Goodger, Chief Financial Officer at Green Flash,
Green Flash Brewing



INDUSTRY

Full service contract packaging services from bundle wrapping to pallet displays and more

3X



Tripled customer base with zero additional headcount

80%

Growth rate required a change from paper and manual processes



7

Minutes to execute a mock recall (that used to take several people several days)

“Customer portals allow clients to manage their inventory offsite and do their ERP planning based on our inventories, production schedules and finished goods. They now have access [to] a majority of the information they would have once gotten from a sales rep directly through the system.”

Aaron Bacon,
Sales and Marketing




Dominion Liquid Technologies

INDUSTRY

Contract manufacturer of liquid goods

180 
Days to go live with Plex

Real-time 
Quality checks and
traceability data

100% 
Inventory accuracy

“Inter-department communication has improved tremendously and the system has had a spectacular effect on the efficiency of our production floor.”

Charlie Cain,
CEO



INDUSTRY

Leading processor of quality ground beef product.



\$3K-5K

Savings per user by choosing the Plex Manufacturing Cloud. Extended across 300 employees, this represents up to \$1.5M.



21 Days

USDA-regulated shelf life of fresh ground beef. Using Plex, Jensen can now wait until an order comes in to grind fresh meat and easily fulfill customer requirements on time.

1

Single quality system tracking all materials from supplier to customer.

“Now, within minutes we can easily do forward and backward traceability through batch or lot numbers if needed.”

Sam Acuña,
Jensen Meat Co., CFO

The Plex Manufacturing Cloud empowers Quality Managers with closed-loop quality management tools that can help you:

- Improve first-pass quality yield by 20 percent.
- Reduce scrap rates by more than 60 percent.
- Reduce annual expedite freight costs by more than 20 percent.
- Respond to mock recalls in seven minutes.
- Complete audits in hours versus days.

Manufacturing CFOs rely on the Plex Manufacturing Cloud for:



Customers & Sales



Accounting & Financials



Supply Chain Planning



Human Capital



Suppliers & Purchasing

**ENTERPRISE RESOURCES
PLANNING (ERP)**



Products & Programs



Planning & Scheduling

**MANUFACTURING OPERATIONS
MANAGEMENT (MOM)**



Production Management



Inventory Management



Quality Management

**MANUFACTURING EXECUTION
SYSTEM (MES)**

The Plex Manufacturing Cloud is trusted by modern manufacturers to power and connect their global operations from the shop floor to the top floor.



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