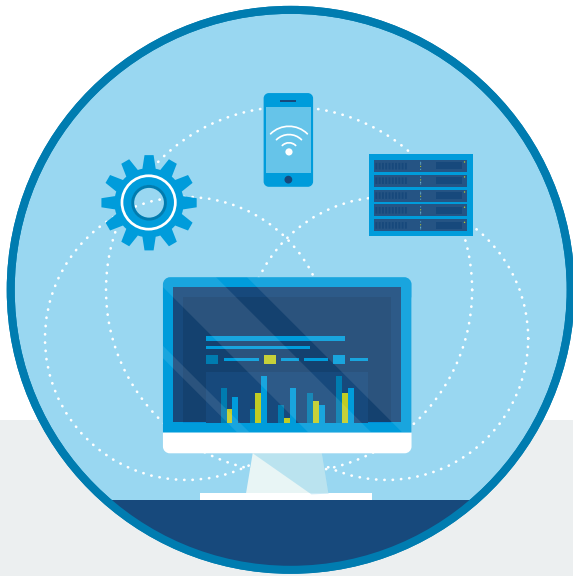# THE PLEX

MANUFACTURING CLOUD
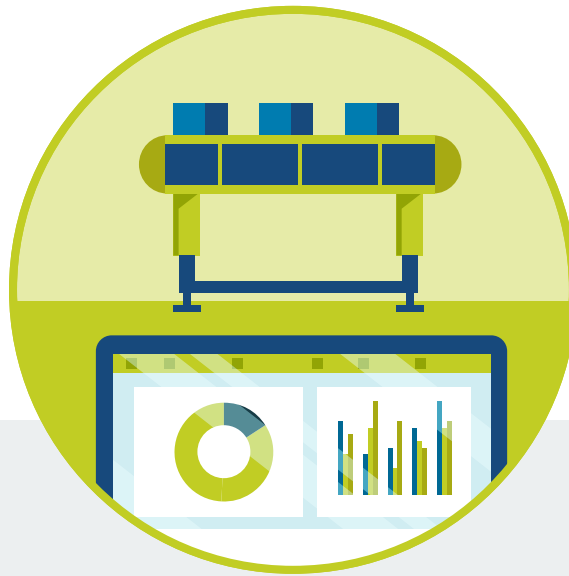
CONTROL, CONNECT, UNLOCK

to digitally transform your food and beverage

manufacturing business

CONTROL

The Plex Manufacturing Cloud
controls the plant floor
and error-proofs many
critical processes.

CONNECT

Plex is a unified
ERP + MES solution for food
and beverage manufacturers.

UNLOCK

Our Cloud ERP takes the IT burden
off of your team, unlocking their
potential and enabling them to focus
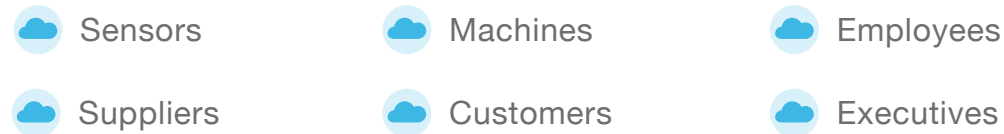on more value-adding tasks.

TABLE OF CONTENTS

SMART MANUFACTURING

Smart Manufacturing (also known as the American analog to Industry 4.0) builds on cloud technology and leverages the Industrial Internet of Things (IIoT) to automate and streamline manufacturing, business, and supply chain processes using the data generated throughout your entire operation.

Smart Manufacturing results in a completely integrated manufacturing ecosystem providing real-time data that connects stakeholders to everyone and everything, starting from the factory floor and extending well into your supply chain.

- Sensors
- Machines
- Employees
- Suppliers
- Customers
- Executives

DIGITAL TRANSFORMATION

The Plex Manufacturing Cloud enables digital transformation, allowing food and beverage manufacturers to more easily and profitably comply with industry and regulatory standards. By utilizing cloud technology to digitize and synchronize your processes, you can increase agility and future-proof your business strategy.
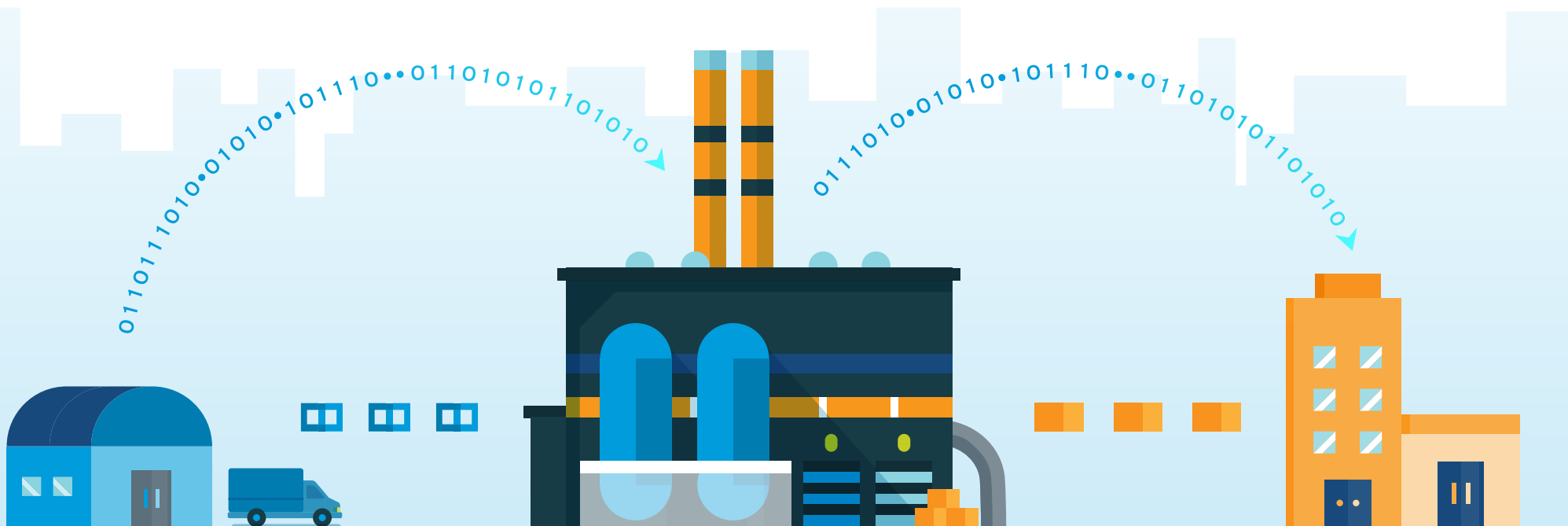
The Plex Manufacturing Cloud drives your business goals:

- ✔ Superior customer satisfaction
- ✔ Operationalize quality
- ✔ Operational excellence
- ✔ Customer and industry compliance

CONNECTIVITY AND CONTROL

Plex stands apart as a unified ERP and MES solution with unparalleled connectivity. Our cloud platform seamlessly connects your MES to the data signals coming from your equipment and other devices while making production data available to the whole business for greater control. Inventory management and quality control are intertwined with production planning and scheduling to improve on-time delivery. And cost management is natively built into the system to give you unprecedented visibility across your entire operation.

Plex uses a central database for all data resulting in a single source of truth. Plex replaces the legacy models of disparate, disconnected software and siloed data sources that are difficult to reconcile into a single view of your business. Information flows seamlessly between departments and allows everyone in your enterprise to make more confident decisions in real time.

UBIQUITOUS MOBILITY

Our mobile-friendly platform provides flexibility for your increasingly "untethered workforce." With Plex, you have access to your information whenever you need it, from wherever you are in the world, from any internet-connected device.

As a food and beverage manufacturer, your ERP system must provide precise and holistic traceability for all ingredients and finished products in order to be compliant and to isolate any issues quickly.

This detailed tracking and history includes many moving parts:
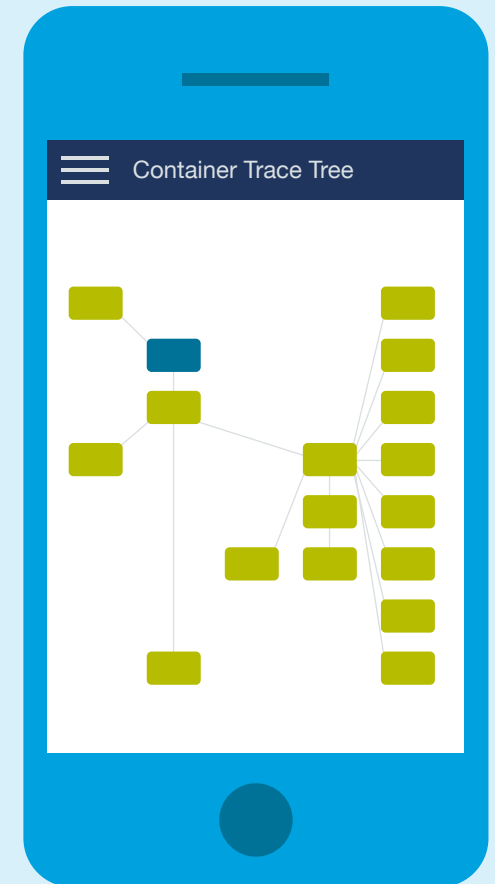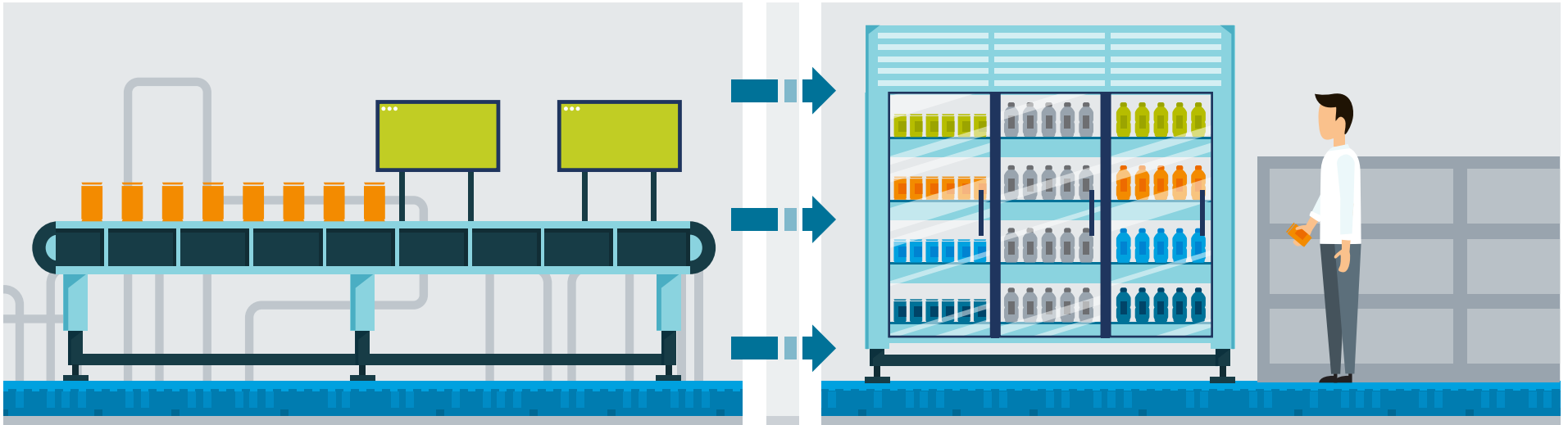
Supply chain　　Production　　Quality　　Genealogy　　Usage

Bluetooth and Wi-Fi communication between mobile devices and equipment on the factory floor ensure that your data is not only accessible, but captured at the "manufacturing moment," making it accurate and up-to-the-minute as well.

Container Trace Tree

BUSINESS-WIDE STRATEGY

With Plex's supply chain planning capabilities and visibility into demand, your enterprise can truly embrace a digital transformation strategy. Seamless collaboration between finance, sales, and manufacturing allow your sales and delivery commitments to be informed by real-time data. Planning is streamlined into production scheduling for greater on-time delivery ratings.

Digitizing your various workflows in the cloud across different functional groups enables you to connect them more easily. This "connected manufacturing" enables your IT strategy to empower your business strategy to drive your operational strategy. No other solution can affect all three simultaneously. From the shop floor to the top floor, your business benefits when you unlock information and connect it with the people who need it.

FINANCE

Turn quality into an operational strategy—for increased profitability.

You want quality products for your customers, but error-prone manual processes and rearview decision-making might be sacrificing time and effort without measurable effects on quality. With the increased efficiency and consistency of a cloud ERP, you'll look at quality more proactively, even as a profit-center, becoming more consistent and repeatable–eliminating waste and risk before they can negatively affect your bottomline.

The Plex Manufacturing Cloud offers tangible, measurable benefits for your food and beverage business:

- **Real-time** visibility and audit control.

- **Comprehensive view** of the performance of your enterprise.

- **Higher returns** from IT investments.

- **High-performing** and agile business.

- **Powerful analytics** and rich reporting.

- **Streamlined** financial and operational processes.

- **Timely and accurate** industry compliance and regulatory reporting.

INFORMATION TECHNOLOGY

With more than 99.9% uptime on a secure cloud, Plex unlocks opportunities for your IT organization:

- Drive operational value with a single source of knowledge across the company.

- Eliminate the downtime and disruption of software updates.

- Free up time from managing hardware and software maintenance to focus on value-added data analytics.

- Keep data safe, accessible, and accurate without burdening IT.

- Create efficiency and cost savings through subscription (OPEX) licensing.

- Redirect IT hardware budgets toward production automation that increases output and revenue.

Manufacturing IT leaders enjoy system-wide benefits:

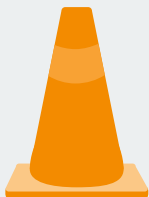| World-class security | Anytime, anywhere accessibility | Reliable, off-site backups | Unlimited scalability | Always-current software | Predictably high performance |

MANUFACTURING OPERATIONS

High-resolution traceability for end-to-end transparency.

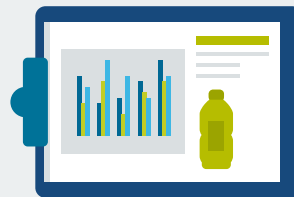**Online access to real-time operational data and dashboards.**

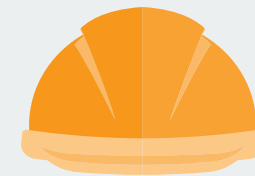**Status alerts from any connected device.**

With Plex, robust, rules-based scheduling helps you to avoid:

- Poor or inconsistent sanitation procedures.

- Excessive change-over times that degrade OEE.

- Inventory spoilage resulting in chargebacks or recalls.

- Late orders and expedite charges.

Reduce the risk to the business for non-compliance or recalls:

- Easier safety and quality certifications.

- Complete end-to-end traceability and lot management.

- Digital documentation to eliminate paper-based processes.

Reduce the disruption to operations caused by audits:

- Eliminate the need to prep for audits.

- Reduce audit execution time from days to hours.

- Minimize non-conformances with built-in evidence.

IT STARTS ON THE SHOP FLOOR

Getting started

The Plex Manufacturing Cloud stores the genealogy of all ingredients and other materials flowing through processing and distribution.

Connect and Control

Manage your food and beverage production like never before with efficient scheduling and an innovative Control Panel fully integrated with shop floor equipment via IIoT.

Unlock insight

From raw materials to finished goods, gain access to important real-time data regarding supply, product quality, and more.

Optimize inventory

Safe from surplus:

- With Plex's streamlined MRP functionality, your enterprise can avoid quality and safety issues resulting from spoilage of excess, perishable inventory.

- Real-time visibility to work-in-progress inventory allows you to minimize excess inventory you might procure to account for uncertainty.

On-time instead of insufficient:

- Avoid stockouts with early visibility into starved operations.

- Increase on-time delivery and customer satisfaction with finite scheduling that accounts for availability of all required resources.

Real-time insights allow your enterprise to plan for just-in-time delivery of raw materials to run a more lean manufacturing operation.

Mine Production Data

Plex's Cloud ERP is your system of record for batch recipe data:

- Supplier quality
- Lot management
- Lot attributes
- Cost information
- Quantities
- Traceability
- Compliance documentation
- Feasible schedules

Reduce Safety Risks

Plex boosts your comprehensive food safety management plan, allowing you to prevent rather than react to food safety concerns. For your ERP, this includes functionalities like:

- HAACP and HARPC
- Process flow charting
- Statistical process controls
- Operationalized quality
- Electronic signatures
- Timely alerts and notifications
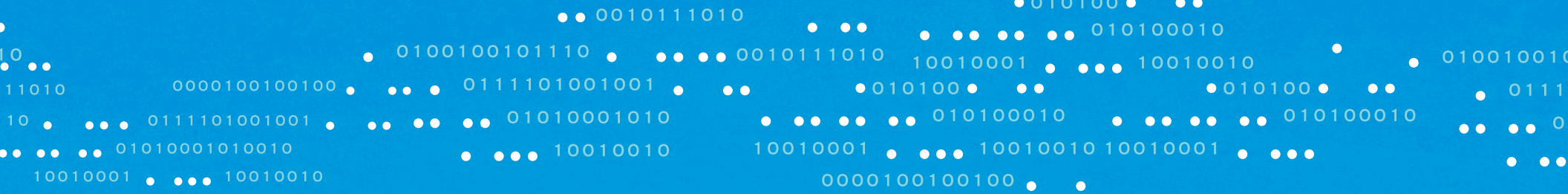
Enable Paperless Productivity

Because Plex's paperless electronic document management system reduces risk of human error and the need to hunt through binders of paper, your operations run faster and more efficiently.

Documentation is digital and managed so changes go through a workflow and approval process to keep a historical record through multiple revisions of each document.

Built-in Barcode Support

Barcode capabilities, including automatic label printing to meet customer specification are a must-have for a food and beverage manufacturing ERP. Plex's system allows for customization to fit your unique requirements.

RAPID INNOVATION, READY FOR THE FUTURE

The Plex Cloud ERP provides unparalleled agility and sets your enterprise up for the future.

✔ **CONTROL**
the shop floor

✔ **CONNECT**
your business

✔ **UNLOCK**
your people potential

PLEX

THE MANUFACTURING CLOUD

CONTACT US TODAY
TO START YOUR DIGITAL TRANSFORMATION