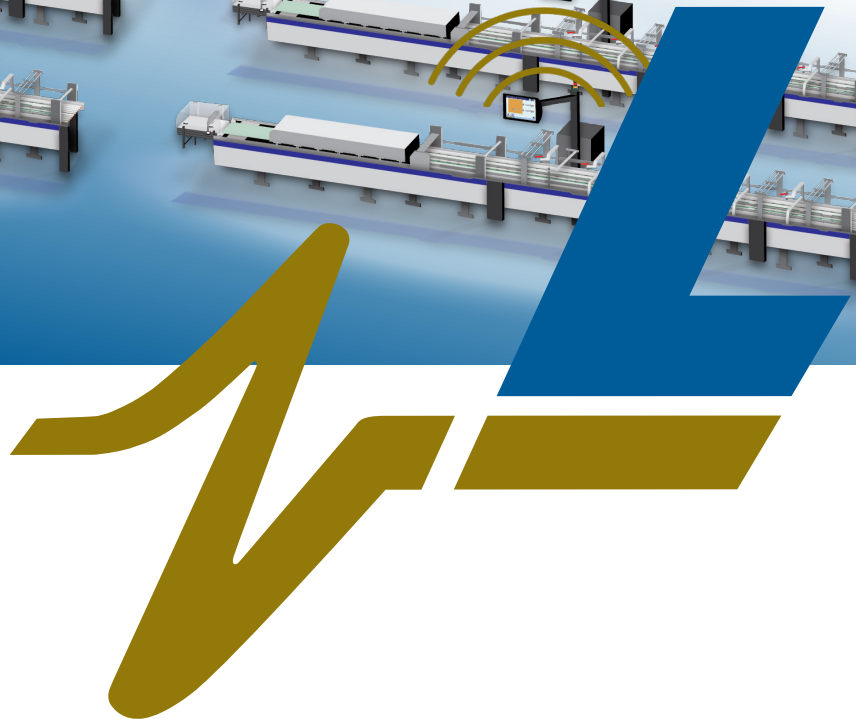
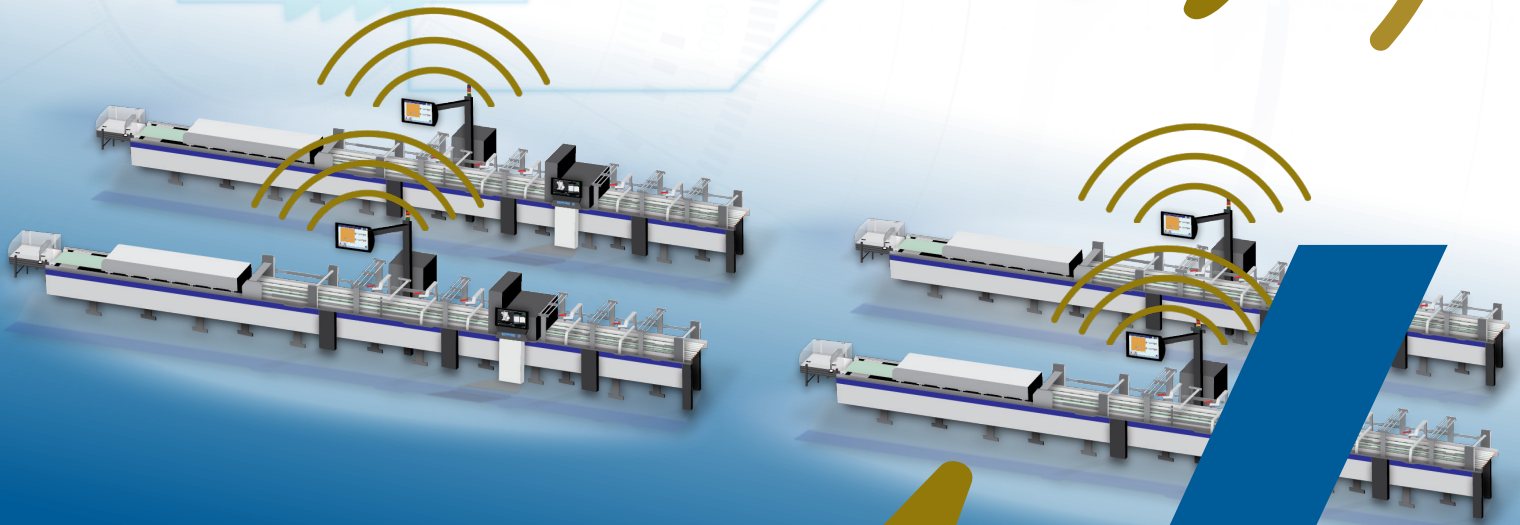


Smart Services





Smart Services

iQ LearyNET
Remote Access

iQ Dashboard
Process & Production Data

iQ Alerts
Instant Production Notification

iQ Integration
Transfer to ERP System

iQ Serialization
Unique Product ID

Maximizing the full production efficiency of your plant is achievable with iQ Smart Services by Leary.

iQ Smart Services is a cloud-based solution strategically created to put the power of production at your fingertips. Utilizing data collected, users can make informed, analytical and pro-active decisions that improve quality and production efficiency.

iQ Smart Services sends data directly from the production floor controller through our secure network to continually provide real-time information at your fingertips. Keep production running on-time, identify productivity gaps and make informed business decisions to reduce downtime, lower spoilage and reduce make-ready time.

Machine, job and quality data with detailed reports are accessible from a unique user log-in for quick access.

Choose from one of the five subscription-based modules available to immediately improve your bottom line.

iQ LEARYNET

Fast recovery times are key to maintaining proper production quotas. LearyNET offers remote diagnostics and troubleshooting to reduce the need for timely and sometimes costly technical plant visits.

- Immediate log into plant floor controller by a Leary technician
- Quick, secure and efficient support
- Reduce machine downtime
- Prevent need for on-site technical visit

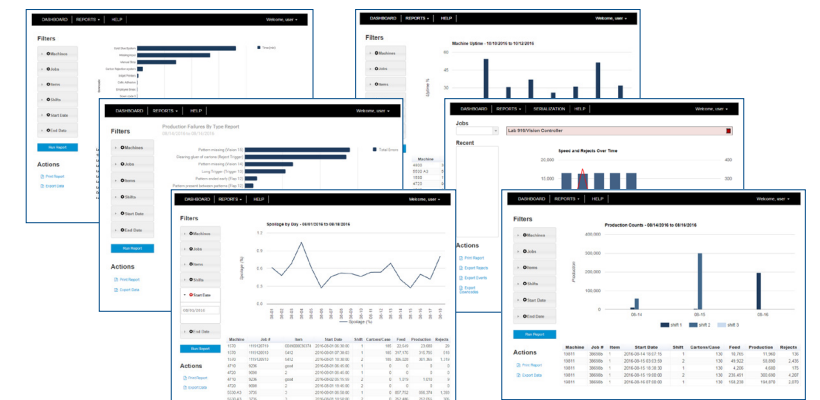


iQ DASHBOARD

iQ Dashboard module delivers production data via concise reports including machine uptime, production counts, reject totals, failures, spoilage and more in real-time. Spot trends and make long-range production decisions. One customer recorded savings up to one million dollars in a year.

Accessible from a secure log-in via desktop or tablet device, live data and reports keep production on track as well as aid in making informed process and hardware improvements.

- Analyze machine performance
- Monitor gluer productivity
- Identify process improvements
- Instant gluer reject counts
- Identify potential deficiencies
- Understand machine shutdown trends



iQ ALERTS

The increase in customer quality demands and need for efficient operations with faster turn-around requires a quick and accurate response to production risks.

The iQ Alerts module of iQ Smart Services allows managers to monitor risks that may impede production deadlines. By sending user-determined notifications to any smart device, managers are alerted at the earliest occurrence of problems.

Action may be taken, reducing downtime, waste and helping meet production targets and maintain timelines. Notifications about production impediments can be quickly resolved.

Customizable notifications for these conditions:

- Excessive machine downtime
- Increased shift spoilage
- Barcode no match
- Tolerance changes
- Alarms turned off
- And more

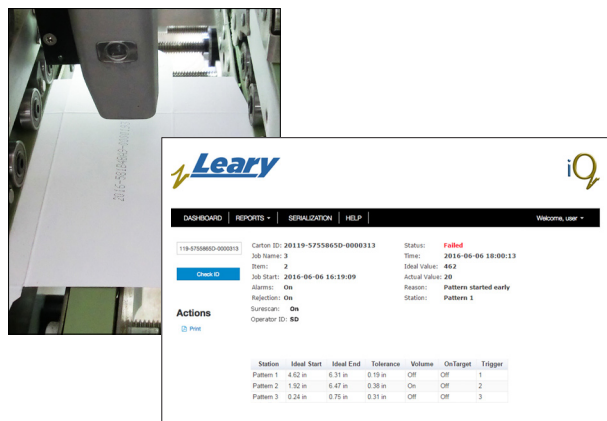


iQ SERIALIZATION

iQ Serialization adds a unique serial number using a Domino inkjet printer to every product produced. Complete process information of each product is provided allowing producers to understand the root cause of customer complaints.

A Certificate of Analysis for each individual product is easily accessible to provide information such as job number, operator, reason for reject, tolerances and more.

This technology can also be used as a tool to identify improper system settings related to product production.



iQ INTEGRATION

iQ controller and process data is stored on a cloud-based server which allows easy integration to third party ERP systems. Integrate production data to be used as a tool to achieve the production efficiency goals in your plant.

Integrate controller data with your ERP system:

- Access raw data
- Full SQL data access with programmatic APIs
- Data access via CSV files
- Direct download to Microsoft Excel*

Microsoft Excel is a registered trademark of Microsoft, Inc.



TECHNICAL REQUIREMENTS

- LS-4, LS-916, LS-924 or MaQ+ Controller
- One spare Ethernet port
- Monet Platform V. 2.7 or later required for all iQ Services
 - iQ Alerts: requires Monet V.2.12 or later
 - iQ Serialization: requires Monet V.2.9 or later
- Requires an internet connection to the Leary controller
- Microsoft Internet Explorer v10 or higher or Google Chrome

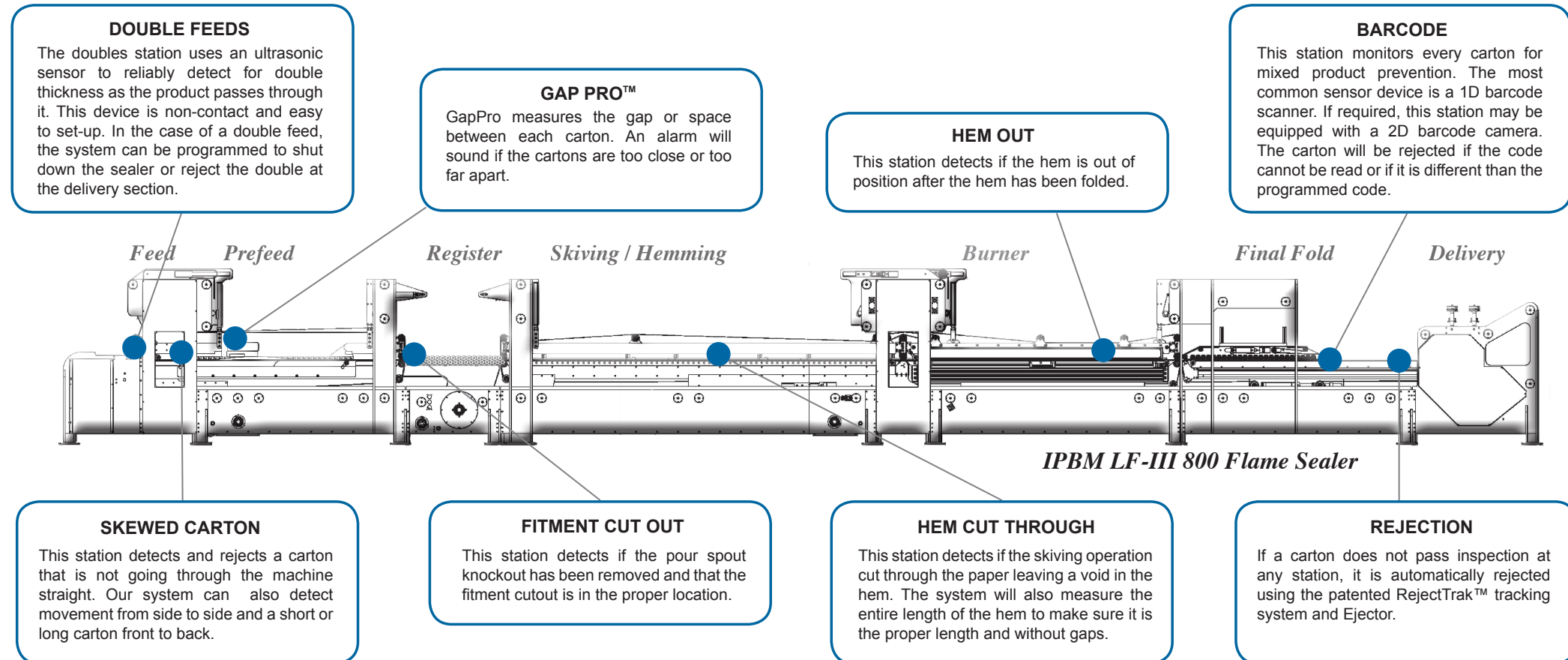
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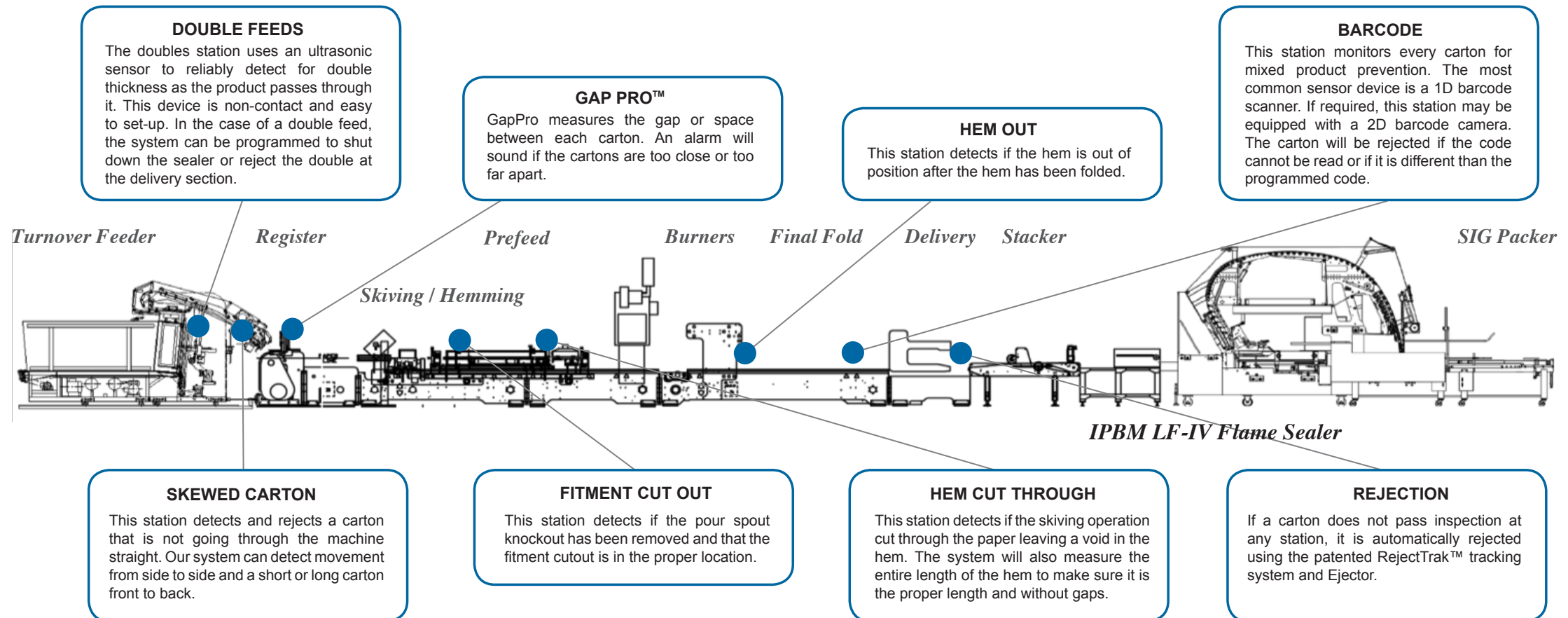


Quality Assurance System



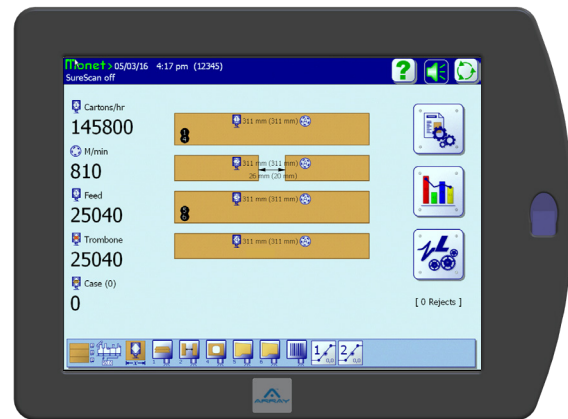


Quality Assurance System



Quality Assurance System...

W. H. Leary offers the ONLY Quality Assurance (QA) system for flame seal machines focusing on helping you deliver a defect free carton, while increasing production. All inspection sensor outputs are monitored by the SureScan™ technology, guaranteeing product detection. If any product does not meet quality demands, it is automatically rejected using the patented RejectTrak™ technology and high speed ejector. Leary has been providing Quality Assurance Systems to the packaging industry for over 35 years including folding carton, corrugated, envelope, end-of-the-line and liquid fill industries.



LS-9.16 Controller: Liquid Fill Solutions

- Up to 16 Expandable QA Stations
- Standard QA System Comes With:
 - Double Feeds
 - Skewed Carton
 - GapPro™
 - Fitment Cut Out
 - Hem Cut Through
 - Hem Out
 - Barcode
 - Rejection
 - SEQUIRE ID Fingerprint Security
- + / - 1mm Detection Accuracy at 1,200 m/min
- Rugged High-Speed Rejection Device
- Jam & Overlap Detection capability at every QA Station
- Intelli-trak Technologies:
 - SureScan
 - GapPro
 - RejectTrak
- Available Options:
 - Cold Glue Application & Detection
 - Batch Output with Kicker
 - 2D Code Reading
 - iQ™ Data Collection

...For High Speeds and Long Runs



Quality Assurance Options...

W. H. Leary offers additional options to ensure that you deliver defect free cartons and that your liquid fill machine is running at optimal performance.



- Ensures the effectiveness of your Investment
- Reports general machine utilization
- Reports the frequency and duration of downtime events and other production statistics
- Access reports 24 hours a day, 365 days a year

iQ™ delivers data streams direct to enterprise management systems or right to your smart devices for report availability 24 hours a day, 365 days a year.

iQ™ is a cost-effective total-machine-awareness solution for analyzing machine performance, monitoring trends, and providing Six Sigma reports.

Leary iQ™ sends data directly from the production floor through a secure network of servers, continually delivering information to your fingertips.

Standard production reports such as job tracking, production totals, total waste, down codes and defects are provided through the software. Custom reports may also be generated based on specific plant criteria.

Each of the ten default reports can be customized by the click of a mouse, making the program easy to run and eliminating the need for any in-house programming expertise.

