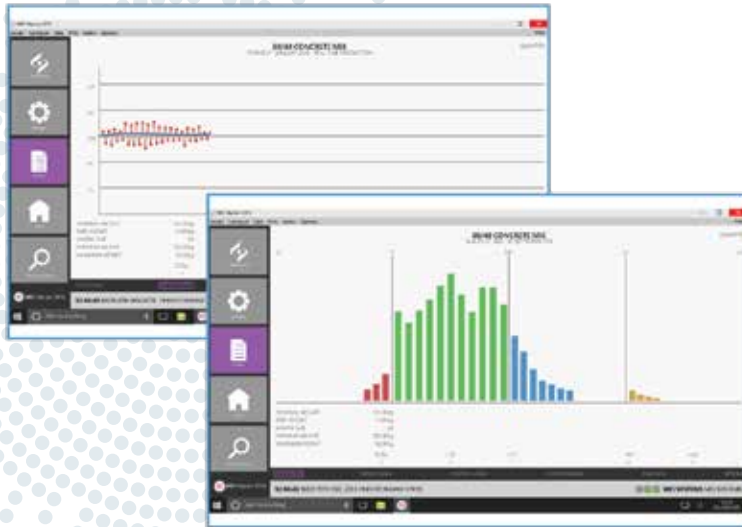# MCI MYRIAS®
SOFTWARE OVERVIEW

MCI MYRIAS SOFTWARE

Static Checkweighing
Offline Sampling
Dynamic Checkweighing
Batch Recipe Formulation
Traceability
Pallet Weighing
Scale Manager
Waste
Transportation
and Much More!

MCI
systems

MCI MYRIAS SOFTWARE

WASTE MANAGEMENT REPORT

QUANTITY USER PERFORMANCE

QUALITY EXCEPTIONS

PRODUCTION LINE MANAGEMENT

MCI MYRIAS is an enterprise software, helping businesses improve operations and drive growth across numerous industry sectors. Myrias captures, monitors and reports weight data—empowering companies to make enhanced decisions by incorporating scale data. The software is modular, which allows full customization, and can be easily integrated into existing systems. Mix and match different modules to create a tailored solution specific to your application.

Myrias monitors, analyzes and adjusts actions to make sure companies optimize efficiency and elevate profits. The software hosts a wide range of capabilities, and correlates data about output, quarantined materials and in-work-progress.
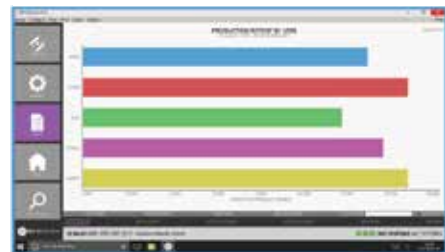
Myrias is compatible with a variety of hardware manufactures, supports multiple languages and can be installed on a standalone Windows PC or run from a central server with networked stations. Choose from a SQL database or Myrias' proprietary database, and easily integrate with third-party ERP and MRP systems including Navision, SAP and in-house systems.

Utilize Myrias' management capabilities to easily start or stop jobs, and instantly access live reports and key performance indicator (KPI) screens. Reports can be generated in real-time, either locally or remotely for data access across multiple locations. Export data to third-party spreadsheet programs such as Microsoft Excel® for digital record-keeping and streamlined analysis.
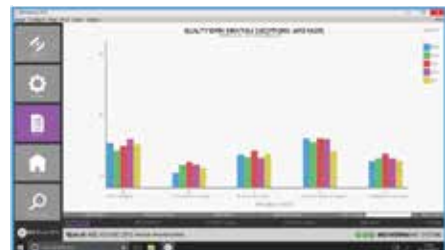
SOLUTIONS FOR EVERY PROCESS

MYRIAS SOFTWARE has over 100 modules covering virtually every business requirement. This extensive modular system can be tailored and expanded to meet future business requirements, from the production area to back-office functions.

STATIC CHECKWEIGHING

ADDS EFFICIENCY TO MANUFACTURING, sorting and food-processing applications. Each pack is continuously monitored and checked to be within a preset range or target.

- *Control filling with checkweighing lights to notify operators of weight status*
- *Optimize limits to control weight and operator speed*
- *Control multiple scales from central database*
- *Support normal and takeaway fill control*
- *Automatically record each weight by operator, product and other key data*
- *Works with Ethernet, Wi-Fi and serial interfaces*

DYNAMIC CHECKWEIGHING

RECORDS ALL PACKS FROM CHECKWEIGHER and offers real-time charting. Immediate warning of low weights and expensive giveaway. Comprehensive records help analyze pack weights and diagnose filling faults.

- *Allows product database to be centrally managed at one PC and send settings to each checkweigher*
- *Automatically changes products on checkweigher from central job control*
- *Calculates fill adjustments to maintain control target (can be displayed to operator or connected to suitable equipment for automatic feedback control)*
- *Advanced statistical and AI control options available for complex products*
- *Option to record integrated metal detector actions*

OFFLINE SAMPLING

OFFERS CLOSE CONTROL OF PACK FILLS to meet legal requirements and limit profit loss. Powerful diagnostics help characterize filling performance and minimize fill variability issues. Provides legally accepted records as proof of due diligence.

- *Operator warning displayed for individual and collective pack fill infringements, with calculated fill adjustments to maintain control target*
- *Includes library of statistical control strategies*
- *Records secure records for average weight, minimum weight and other legislations, as well as for SPC and quality control*
- *Density conversion for liquid fills*
- *Quarantine module available to record handling of defects*

BATCH RECIPE FORMULATION

ACCURATE INGREDIENT WEIGHING IN BATCHES, blends and mixes. Offers benefits of consistent quality, reduced waste, better cost control and full traceability of weighing and measuring ingredients for set recipes.

- *Displays recipe method, HACCP messages and manufacturing information*
- *Automatic calculation of ingredient weights for non-standard batch sizes*

TRACEABILITY

MINIMIZES BUSINESS RISK in the event of a quality failure by allowing quick response to identify affected items. Helps locate process issues related to customer complaints.

- *Provides full traceability from intake to dispatch through all stages of production, supply and distribution*
- *Links traceability data through comprehensive, easy-to-use reports*
- *Every transaction includes time, date, lot numbers and operator identity for full accountability*
- *Instant forward and backward traceability of all materials and batches*

WASTE

OPTIMIZE PROFITS by identifying, measuring and reducing waste throughout your operation. Reductions in waste go straight to bottom-line profits.

- *Monitors waste by type, product and department*
- *Records waste transactions for regulations*
- *Full traceability of all transactions*
- *Multiple sites can be networked back to regional and head offices for orders, accounts, reporting, etc.*
- *Operator prompts guide the user quickly and smoothly though each transaction*

PALLET WEIGHING
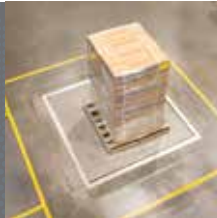
SHIPPING AND WAREHOUSE INVENTORY SYSTEMS greatly benefit from pallet weighing. Integrate data in real-time for live views of product quantities and shipping status.

- *Accurate weighing and recording of pallets*
- *Integrates floor and fork scales into a single database*
- *Data analysis identifies shortages, overfills and process yields*
- *Labels pallets by makeup, customer, storage, etc.*

TRANSPORTATION

INTEGRATES WITH VEHICLE SCALES to manage product inventory, haulers, suppliers, customers, order processing, dispatch and invoicing. Maximizes vehicle throughput while reducing the risk of data entry errors.

- *Records load data and empty vehicle weight*
- *Captures vehicle and trailer identifiers*
- *Works with a wide range of weighbridge indicators*
- *Multi-axle weighing*
- *Loading bay control and content inventory*

SCALE MANAGER

PROVIDES A SINGLE SCALE MANAGER and data manager for all scales in an entire operation. Monitor and control multiple processes from a central location.

- *Control different models of scales from different manufactures in a single database*
- *Central download of product, users and scale parameters*
- *Record weight data to a central database*
- *Export weights to Microsoft Excel® and other third-party software*

OTHER MODULES

- *Production planning, wholesale and warehousing*
- *Labeling and quality control*
- *IoT capability links a wide range of production equipment*
- *Many more available to meet virtually any need*

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