Myrias®
Integrated Software Solution

Standard Features

- Modular process management creates the best system for each facility
- Full material traceability
- Extensive real-time reports
- Monitor cost, product quality and regulatory compliance
- Works with many types of hardware and peripheral equipment including legacy hardware
- Integrate with third-party systems
- SQL database or proprietary file-based database

System Requirements:

- Intel I5 or equivalent
- 8GB Ram
- Windows 11
- 500GB Hard Drive

Standard modules are listed below.
Many additional modules are available.

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

Part Number/Price

Part #	Description	Starting Package Price
Consult	Batch Recipe Formulation	Consult

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

Part Number/Price

Part #	Description	Starting Package Price
Consult	Dynamic Checkweighing	Consult

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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

Part Number/Price

Part #	Description	Starting Package Price
Consult	Static Checkweighing	Consult

FORKLIFT

Streamline material handling operations by integrating forklift scales to move and weigh pallets in one step. Straightforward prompts guide operators through each pallet transaction.

- Operator and product traceability
- Forklift performance statistics
- Real-time data sent to FTP
- Reports available in CSV or TXT files for data transfer

Part Number/Price

Part #	Description	Starting Package Price
Consult	Forklift	Consult

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

Part Number/Price

Part #	Description	Starting Package Price
Consult	Offline Sampling	Consult

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 and other customer criteria.

Part Number/Price

Part #	Description	Starting Package Price
Consult	Pallet Weighing	Consult

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 and reporting.
- Operator prompts guide the user quickly and smoothly though each transaction

Part Number/Price

Part #	Description	Starting Package Price
Consult	Waste	Consult

TRACEABILITY (ADD-ON MODULE)

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

Part Number/Price

Part #	Description	Starting Package Price
Consult	Traceability	Consult