



Proven to Make Your Operations More Accurate, Efficient, Profitable and *Audit-Ready*

Scale-Integrated Chemical Inventory
Management Software Suite

- ▶ Warehouse Management System (WMS)
- ▶ Manufacturing Execution System (MES)
- ▶ Recipe Management System (RMS)
- ▶ Laboratory Information Management System (LIMS)

Manufacture with Confidence. CMS Solutions from Valdata Systems



As experts in chemical management since 1996, Valdata Systems is a premier provider of solutions for a wide range of industries, from pharmaceuticals, nutraceuticals, paints and chemicals, to food and beverages, flavors/fragrances, cosmetics and more — instilling confidence throughout the manufacturing and fulfillment process.

Our core Chemical Management System (CMS) is a unique suite of software modules designed to deliver end-to-end control over inventory, manufacturing, recipe development/execution and quality — helping customers achieve **greater than 10% increases in productivity within the first year...frequently much more!**

With Valdata CMS software tightly integrated at every step of production, your business gets the benefits of:

- Precise control with container-level inventory tracking
- Real-time paperless production and inventory data
- 100% traceability/accountability of all activities
- Ensuring your company is audit-ready
- Accurate weighing and data entry
- Consistent “prompt and police” enforcement of formulation and processing
- Faster location of materials
- The correct results the first time, every time!

With our software directly integrated to scales that are accurate to 1 part in 10,000, **all the information collected by our systems is guaranteed to be at least 99.99% accurate.**

And with Valdata Systems, you not only receive the software, hardware, installation and employee training required to implement precision and quality control throughout your operations — you get our support and expertise for your ongoing manufacturing needs.

(888) 276-9321 | valdatasystems.com



CMS Features:

- Bar-Coded Inventory Control
- Recipe/Formula Development
- MRP Functionality
- Order Processing
- Preweighing
- Manufacturing/Production
- Quality Analysis
- Quality Control
- Safety
- Regulatory Compliance (cGMP, FDA 21 CFR Part 11, OSHA, ISO, HACCP, etc.)
- Integration with Popular Host Systems

"[With CMS,] it's a lot faster, and everything is always there when you need it. You know how much you have left and where to find it....It's pretty cool."
Roland Sylvain, Compounder
Hagelin and Company



The Chemical Management System

Valdata Systems offers a complete range of integrated software modules for precisely managing every aspect of your business from receiving and order entry through manufacturing/production, packaging and delivery. The result is quality you can always count on.

Warehouse Management System (WMS)

Our WMS is a high-performance software package designed for tracking all materials (with their quality status) in your facility — allowing you to follow and report on all aspects of chemical movement and usage in real time. The benefits include:

- Unique "license plate" barcoding for accurate tracking of every ingredient, component and finished product
- Real-time visibility into inventory
- Consolidation of similar trade names into one item code, with MES enforcement of which manufacturer is used during weighment
- Movement of items from one site to another with minimal effort and data entry
- Easy location of materials anywhere in the facility with RF equipment
- Elegant cycle count routines to eliminate annual physicals
- User definable labels to ensure proper labeling with HMIS codes (for example)
- Flexible reporting capabilities, with drilldown to any level of detail
- Complete audit trail of all transactions from material receipt through finished goods delivery
- Sophisticated staging with built in FEFO (first to expire first out)

Total Quality Control... from Dock to Delivery

Develop accurate, standardized recipe using RMS

Receive material through WMS

Take samples for LIMS

Perform predefined tests and enter LIMS results



Order material via OE (with MRP assistance)

Electronically quarantine material in WMS

Move material to any storage location

Manufacturing Execution System (MES)

Our MES controls the manufacturing process — assuring product quality and inventory accuracy by verifying ingredients and weights, and adjusting inventory levels in real time. The benefits include:

- Direct communication with integrated scales
- Scanning and verifying of every item/lot before use
- Real-time tracking of inventory creation and consumption
- Computer-assisted “prompt and police” steps to ensure correct weighing, formulation and processing
- Integrated preweighing and/or commingling operations to enhance speed and reliability
- Automated enforcement of resource maintenance schedules for scales, tanks and other equipment
- Enforced in-process testing and adjustments
- Audit-ready traceability, including container and lot level tracking of source materials

Recipe Management System (RMS)

Our RMS is designed to streamline the recipe/formula development process — providing a standardized method to develop and store recipes, including both ingredients and procedures. The benefits include:

- Unprecedented version control
- Familiar, intuitive hierarchical format with drag-and-drop functionality for ease of use
- Ability to predefine processes for faster recipe development and consistency
- Elimination of errors common to manual recipe generation
- Verification of recipe consistency and required signoffs at every step of development
- Enforcement of corporate standards for product and process specifications
- Sophisticated costing based on vendor/quantity price breaks
- Costing module with the ability to consider all manufacturers of a single chemical
- Ability to specify and enforce the use of a specific manufacturer’s raw material for any recipe
- Ability to selectively share recipes with co-workers
- Secure audit trail of all recipe development, including process specs and batch records



“[CMS] has completely changed the way we’re audited. Since we put in the system, I’ve never had any corrective actions on an order or any negative observations.”

Dan Hare, Vice President Regulatory & Quality
Cosmetic Essence Incorporated

Preweight via MES with
PC-to-scale connectivity

“Prompt and police”
production via MES

Ship product
per WMS



Stage raw material
using WMS

“Prompt and police”
manufacturing via MES

Stage bulk and
components via WMS

"Besides actually getting raw materials to the facility, [with CMS] it's a comfortable feeling, knowing your inventory is accurate and being policed."

Danny Allis, Supply Chain Manager
Actavis



Laboratory Information Management System (LIMS)

Our LIMS ensures that all testing is performed according to specifications — coordinating approvals and verifying the quality of the ingredients, the manufacturing process and the end product. The benefits include:

- Recording and tracking of all chemical testing data
- Generation of sampling requirements based on testing specification
- Preventing use of unapproved or expired materials
- Results integrated with batch execution so that batch testing and subsequent adjustments can be shown on the batch record
- Notification to the shop floor of any adjustments
- Creating Certificates of Analysis and other required documentation
- Stability testing
- Reduced (skip lot) testing

Meeting All Your Chemical Management Software and Hardware Needs

In addition to our software modules supporting the primary stages of production, Valdata Systems offers add-on applications and hardware products that can also be integrated with your CMS solution — for end-to-end chemical management that inspires confidence and assures the highest quality from dock to delivery.

Get Started Today

To learn more about Valdata Systems, our products and services including onsite needs analysis, installation, employee training and post sales support, contact us today.

(888) 276-9321

Email: sales@valdatasystems.com

"Valdata has streamlined our raw material weighing and batch process operations, while improving inventory accuracy and process control.

The Compound operators find the system easy to navigate and use, resulting in improved efficiency."

George Ott, Director of Manufacturing
Chanel





View video demonstrations, testimonials and more!

Use your smart phone's QR code reader on the symbol (left) to learn more.

Valdata Systems is a member of The Winter Group — a group of companies providing products and services to the manufacturing and food retail industries.

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