



www.MachineVC.com  
info@MachineVC.com

P.O. Box 1154  
Westborough, MA 01581  
978.551.4160 (Sales)  
508.366.1106 (Corporate)

*Machine Vision Company (MVC) is a full service machine vision integrator providing consulting, product solutions, custom projects and training in support of manufacturing and OEMs, in the machine vision industry.*

*SureLabel is used by Fortune 500 customers to ensure Food & Drug packaging safety by verifying the correct label has been applied and/or the correct package has been used.*

## Overview

SureLabel<sup>®</sup> is a powerful and flexible label inspection system that verifies pre-printed labels on commercial containers. This fully integrated turnkey hardware/software system ensures perfect product presentation preserving brand image.

SureLabel eliminates the possibility of product mislabeling (e.g., food allergens or medication) by verifying that pre-printed labels correctly match or are correctly applied to the container with matching contents.

## Label Inspection

SureLabel inspections include:

- ✧ Label presence
- ✧ Correct label
- ✧ Position and skew
- ✧ Double label
- ✧ Flagged label
- ✧ Wrinkled label
- ✧ Barcode (1D & 2D)
- ✧ OCV
- ✧ 3D

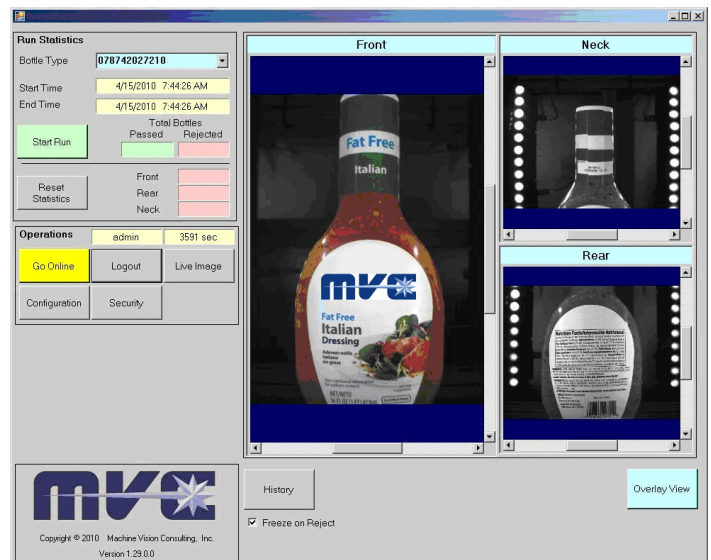
The system supports a primary set of vision tools that may be applied individually and are configurable to enable them to be combined to create custom inspections.

## Recipe Management

MVC has created an intuitive, easy to use, recipe management system that simplifies the technically complex process of label inspection. A recipe is created to address the needs of a specific label and packaging line. Our recipe verifier eliminates any confusion among recipes by guaranteeing a unique pairing of recipe to label. Recipes are saved (password protected), and can be recalled. Product changeover in less than 15 seconds is achieved with SureLabel's recipe management system.

## Eliminates Product Mis-Labeling & Recalls

SureLabel's label inspection capabilities and recipe verification process ensure a perfect match between product lid, container and contents, thus eliminating product recalls and preserving brand image.



*SureLabel Main Screen and Controls*

# SureLabel® System Components

## Standard

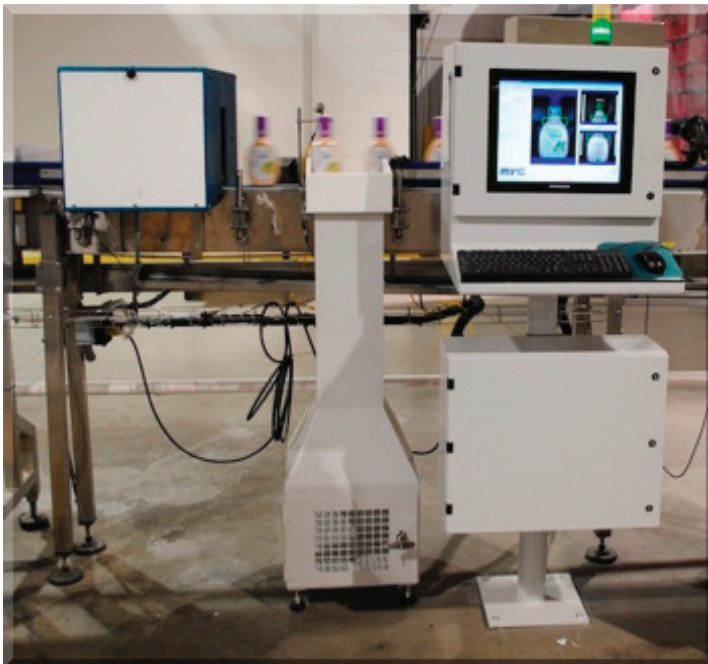
- ✧ Image Enclosure
  - GIG-E Cameras
  - Custom Lighting Solution
- ✧ Operator Workstation/Electronics Enclosure
  - 17" Touchscreen
  - Cooled via Fan or Vortex
  - Opto-isolated I/O via Allen Bradley PLC
- ✧ Reject Mechanism
- ✧ User's Manual
- ✧ Systems Schematics (available upon request)
- ✧ IQ/OQ/PQ Documentation Package (available upon request)

## Optional

- ✧ NEMA 4/4X: Stainless Steel Food Grade Construction
- ✧ IP Enclosure Ratings up to IP67 (dust tight/water immersion)
- ✧ Product Singulator
- ✧ Lockable Rejector Box

## System Specifications

Inspection Speeds	900 ppm (based on number of cameras)
Number of Cameras	1 – 8 (dependent on inspection/product)
User Interface	17 inch Touchscreen
Typical Lighting	LED, Fluorescent, IR or UV (dependent on product)
Product Tracking	PLC and Encoder based tracking
Environmental Controls	Fan or Air Conditioning



*Example of SureLabel System showing (from left to right) Image Enclosure, Lockable Rejector Box, and Operator Workstation/Electronics Enclosure.*

*SureLabel, by Machine Vision Company, is a fully integrated turnkey hardware/software solution that ensures perfect product presentation preserving brand image.*

*SureLabel supports 21 CFR Part 11 compliance through enhanced security, image archiving, real time statistics logging, and IQ/OQ/PQ documentation.*

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