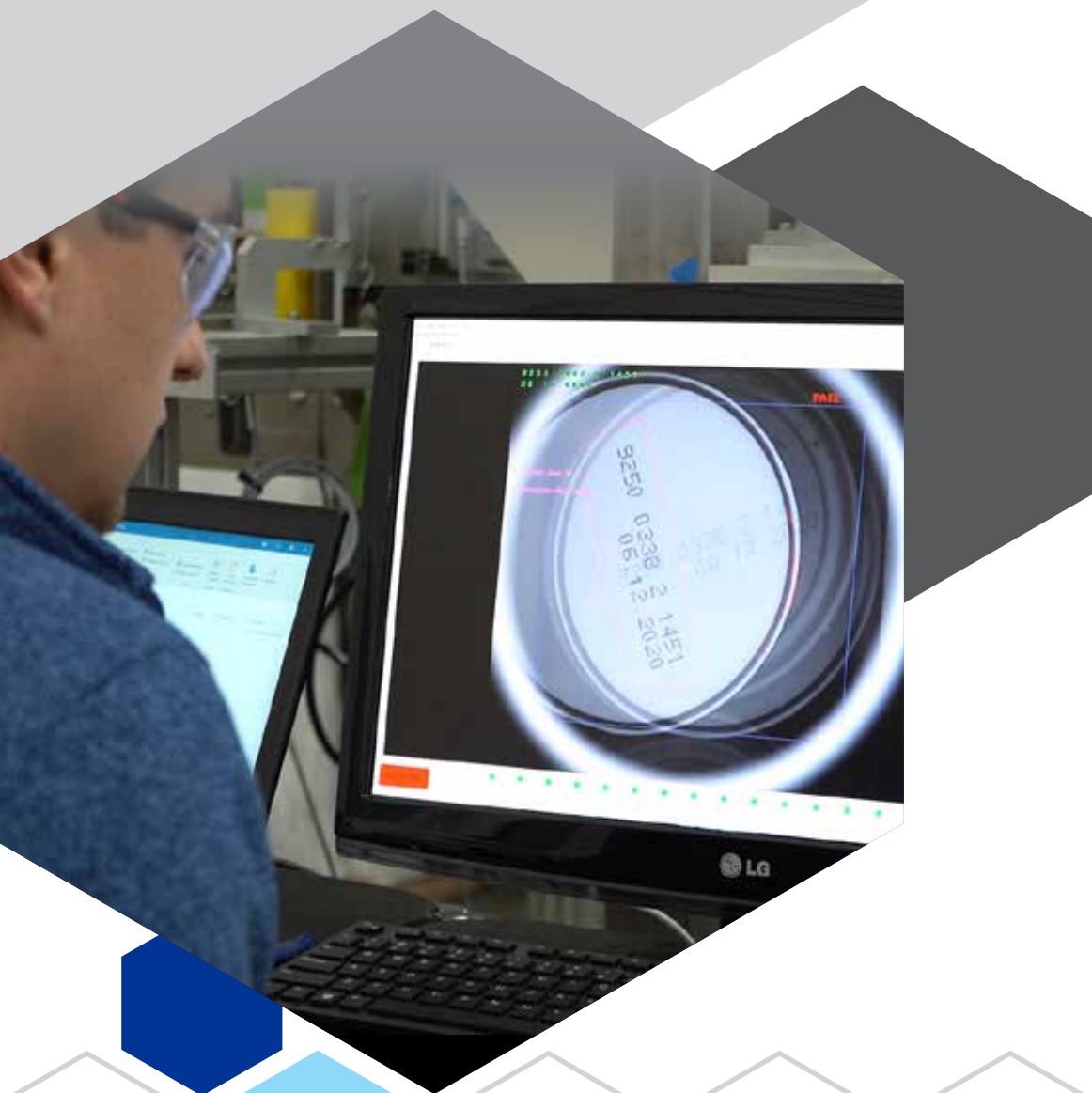


AUTOMATED DATE-CODE INSPECTION SYSTEMS



Ensure Date-Codes, Best-Buy & Expiration Dates
Are Present & Correct on Products & Cases

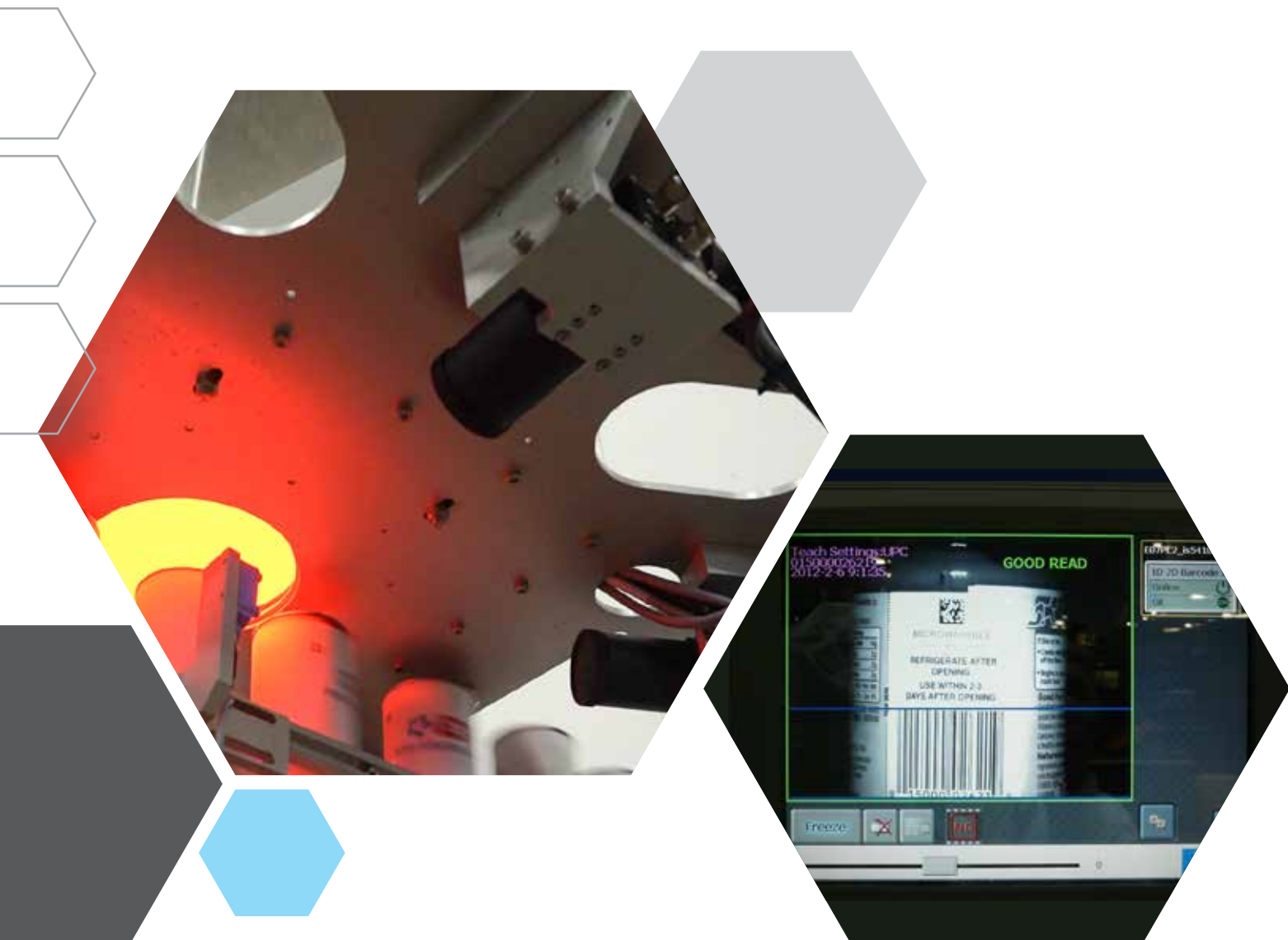


PACKAGE DATE-CODE VERIFICATION SYSTEM

Eliminate Date-Coding Mistakes on Cylinders, Cans, Boxes, Labels

Eliminate product holds, retailer rejections and recalls with date-code and text verification by ensuring that date-codes, best-buy dates, expiration dates, and other critical codes are present and correct on every product.

With 99% accuracy, you can have confidence every product you ship is coded correctly. Standard text verification systems often struggle to verify date-codes with wavy features, distortions, or non-standard text. Optical Character Recognition (OCV) inspection systems from EPIC eliminate this problem and can achieve accurate read rates at line speeds in excess of 1,000 products-per-minute.



System Features

SUITABLE FOR	Canned goods, cylindrical bottles, printing on a flat end of product (less than 4" diameter), paint cans, cylindrical bottles, etc.
LINE SPEEDS	600 (steady speed) to 1000 (burst) products per minute
SYSTEM HIGHLIGHTS	<ul style="list-style-type: none">▪ Read and verify up to 3 lines of text▪ Complete 360 inspection▪ 99.97% accuracy▪ Maximum of 3 false fails/false pass in 10,000 inspections
OPTIONAL UPGRADES	<ul style="list-style-type: none">▪ Air conditioner▪ Configurations for higher or lower part rates▪ Food grade▪ HAZOP classification for aerosols▪ Can be combined with additional inspections such as: Label verification, artwork verification, or code reading (bar code 1D or 2D)

Technical Specifications

CAMERA	Dalsa Camera
SOFTWARE	Matrox MIL SureDot (Dot Matrix OCR)
MOUNTING METHOD	Floor Stand
PHYSICAL HARDWARE	<ul style="list-style-type: none">▪ Control Panel▪ Touchscreen HMI▪ HS Reject▪ Food grade stainless steel stand and enclosures (pseudo wash down)▪ PC and PLC integration▪ Height adjustable as required by products on your line



CASE DATE-CODE VERIFICATION SYSTEM

Verify Ink-Jet Printed Lot, Date, & Bar Codes are Correct on Corrugated Boxes

Guarantee case traceability and retailer acceptance with our case lot, date and bar code inspection system. Ink-jet printed codes can be inspected on 100% of cases at full line speed. Fully integrated with your line controls, our automated inspection system automatically senses product change over and adjusts for correct recipe/ flavor/ fragrance (lot) information.



System Features

SUITABLE FOR	Cases and corrugated boxes with ink-jet printing on the side, top or bottom
LINE SPEEDS	50–100 cases per minute or more
SYSTEM HIGHLIGHTS	<ul style="list-style-type: none">▪ Arrives as a plug-and-play unit that is fully pre-tested at line speed before shipment▪ 3 days or less startup & install in plant▪ 99.9+% accurate▪ Maximum of 1 false fails/false pass per 1,000 cases▪ Ties to existing I/O, rejectors and other pre-existing equipment▪ 0 to minimal operator adjustments required for product/recipe changeover
OPTIONAL UPGRADES	<ul style="list-style-type: none">▪ Adjustable heights for varying case sizes on a single line▪ Wash down or food grade systems available▪ Rejection integrator▪ Database (ex. CFR compliance) integration▪ Auto-trainable for new recipes

Technical Specifications

CAMERA	Cognex Insight or Linescan Camera, depending on codes/case setup
SOFTWARE	EPIC SureCase Inspect
MOUNTING METHOD	Floor stand (recommended) or mounting brackets to OEM equipment
PHYSICAL HARDWARE	<ul style="list-style-type: none">▪ Control Panel▪ Touchscreen HMI▪ Lighting and lens for robust, high contrast image formation▪ Calibration and alignment fixtures configured to your line setup to ensure accurate inspection



GET EPIC RESULTS

Supporting Lean Production Lines with Improved Results



Product Holds Eliminated & Scrap Reduced with Automated Defect Inspection

A custom EPIC defect inspection system identifies critical defects as small as 30 microns on two-inch long parts. Correctly identifying these defects at a highly repeatable rate for line speeds up to 600ppm allows the manufacturer to eliminate a mandatory three-day product hold for all products, drastically reduces product scrap, and improves the facilities predictive maintenance capabilities.

Automated Ingredient Verification Prevents Mislabeling, Packaging & Product Waste

An automated ingredient verification system designed by EPIC reads the text on labels and containers as they pass by at high speeds and alerts line operators if allergen information is missing, cut-off, or unreadable. This system catches mislabeling within 10 products, significantly reducing packaging and labeling waste and protecting both the brand and customers by ensuring all products are correctly labeled before leaving the facility.

The EPIC Advantage

Fully tested before install
Electrical, mechanical, programming design
Integrated HMI/UI displays
Seamlessly integrated controls
Actionable data insights



High velocity (900+ ppm)
High accuracy (99%+)
High precision (30 microns+)
Stop defects in 10 products or less
Backed by 25 years experience

Trusted Partners in Lean Improvement

TESTIMONIALS

"EPIC Vision is an awesome team to work with. They hear my requirements and provide robust working solutions. They deliver when expected and these installations end up being the lowest maintenance equipment in our factory."

Manufacturing Execution System Manager | Multinational Food & Beverage Client

"The innovative solutions built and automated by EPIC far surpass industry and market standards for accuracy, saving us time, money and future redesign. They are a trusted partner for the most innovative and efficient solutions for our manufacturing processes."

Senior Project Engineer | Fortune 500 Manufacturer



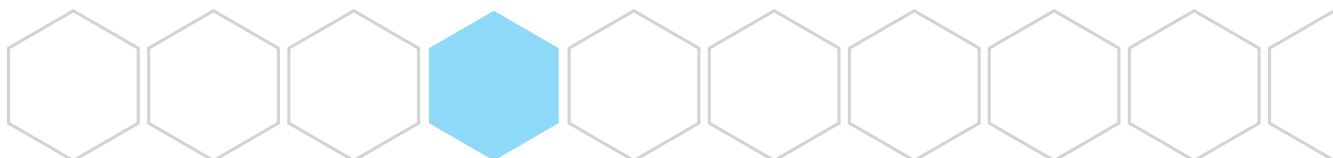
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VS-OCR 1st Ed. 7/21
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