Eliminate errors on packaging

GlobalVision

The Quality Control Platform

Contents

How GlobalVision Works 6

Business Benefits 7

All-in-One Platform 8

- Text Inspection 10
- Graphics Inspection 11
- Print Inspection 12
- Scanner Options for Print Inspection 13
- Barcode Inspection 14
- Braille Inspection 15
- Spelling Inspection 16

GlobalVision within ESKO 17

End-to-End Quality Control Platform 18

GlobalVision Advantages 19

Our Customers 20

Customer Stories 21

Finding the needle in a haystack.

At GlobalVision, helping businesses discover errors as small as a missing period is our core mission. Our solutions eliminate the risk of a printed error and achieve excellent printing accuracy at unprecedented speeds.

How GlobalVision Works

GlobalVision automatically compares working files to approved files.

All differences are highlighted within seconds.

A full report is generated for review, approval or further action.

Quality Control Platform

Business Benefits

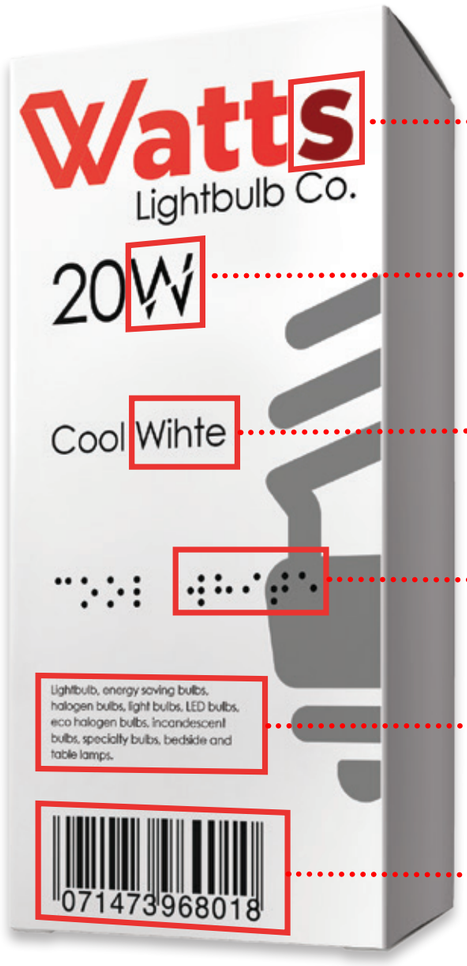
A complete platform for end-to-end quality control

Eliminate time-consuming manual checks

Ensure your printed packaging is released error-free.

Protect your business from recalls and reprints

All-in-One Platform of Inspection Applications



Your entire packaging quality control process, all in one place.

Graphics Inspection

Compare digital artwork files and proofs pixel by pixel for inconsistencies.

Print Inspection

Compare printed labels, cartons, proofs and other packaging material to an approved artwork file to confirm accuracy.

Spelling Inspection

Inspect spelling in any language with a high degree of accuracy.

Braille Inspection

Inspect, translate and verify Braille and find any added or missing dots.

Text Inspection

Compare the copy in a text document to the copy in a PDF file in seconds, regardless of the language.

Barcode Inspection

Verify, decode, and grade barcodes on PDF files, printed packaging and imposition files.

Text Inspection

Compare a text document to a PDF in seconds and any language.

How it Works

The inspection software simultaneously reads and compares the text of two separate documents.

The inspection software is based on reading and comparing the Unicode value of each character, a text code that is common to all computer systems.

If the Unicode characters are different, the differences are highlighted in a report.

Benefits

- **Ensure copy integrity**
  Find errors in fonts, font sizes, deletions, insertions, spelling, and location to make sure your copy is error-free.
- **Compare unlike formats**
  No need to manually compare different file types. The GlobalVision platform can help find and eliminate errors between graphic and word files.
- **Inspect text in any language**
  In today's world, packaging often is produced in multiple languages. The GlobalVision platform can detect differences in any language, making it simpler for you to proofread unfamiliar languages.

Graphics Inspection

Inspect digital artwork files and proofs pixel by pixel to an approved file for errors.

How it Works

The inspection software instantly detects changed, missing, moved, or added text, color differences, mis-registration, changes in images, layout and colors.

Using a pixel-based technology, digital artwork can be compared to detect all differences with fewer false-positives than any competitive solution.

Benefits

- **Maintain graphics integrity and accuracy**
  Graphic files can go through many approval lifecycles before being approved for print. GlobalVision can safeguard your artwork before proceeding to print.
- **Confirm your supplier's proofs**
  Be sure the proof you receive from your printer hasn't been subject to unintended changes and still matches the original approved PDF.
- **Accelerate artwork approvals**
  Fewer errors means less checking and reworking files. Your Quality team will have the tools they need to sign-off with confidence.

Print Inspection

Compare proofs, packaging and other printed material to your approved artwork files to identify errors and inconsistencies.

How it Works

Specialized high-resolution scanners from GlobalVision create a digital file from a hardcopy sample.

The inspection software works by automatically comparing the scanned image of the hardcopy to the original, approved artwork.

Benefits

- **Protect your process**
  Error-free printing is a fundamental expectation in today's market. Protect your process with GlobalVision to ensure an error never makes its way to your customer's eyes.
- **Avoid poor print quality**
  Avoid reprints and reworks of any kind from printing errors like blemishes, hickeys, smudges, marks.
- **Ensure your print accuracy**
  Print exactly what your customers asked for. Stop errors early by inspecting the first print through to the approved customer file.

Scanner Options for Print Inspection

GlobalVision offers a range of scanners that can inspect hundreds of different types of printed materials such as foil, reflective print, thin leaflets, folded inserts/outserts, press sheets, label webs, shrink film, drawings, corrugated, labels, cartons, and film.

Roll Scanners

Large format roll scanners

Sizes and Speed
A0 (54"), 50 sec/sheet
A1 (42"), 40 sec/sheet
A1 (36"), 32 sec/sheet

Applications
- Press sheets
- Posters
- Inserts
- Foils
- Wet sheets
- Cartons
- Bags
- Labels
- Flexible packaging
- Non-contact scanning

Flatbed Scanners

Graphics grade flatbed scanner

Sizes and Speed
A0 (36"x50"), 26 sec/scan
A1 (24"x37"), 26 sec/scan
A2 (18"x24"), 26 sec/scan
A3 (11"x17"), 28 sec/scan
A4 (8.5"x11"), 26 sec/scan

Applications
- Labels
- Cartons
- Leaflets

Non-Contact Scanner

Non-contact scanner for wet-ink press sheets

Sizes and Speed
A0 (34"x50"), 1 sec/scan
A1 (24"x36"), 1 sec/scan
A2 (18"x25"), 1 sec/scan
A3 (14"x19"), 1 sec/scan

Applications
- Non-contact
- Wet-ink
- Booklets

Cylindrical Scanner

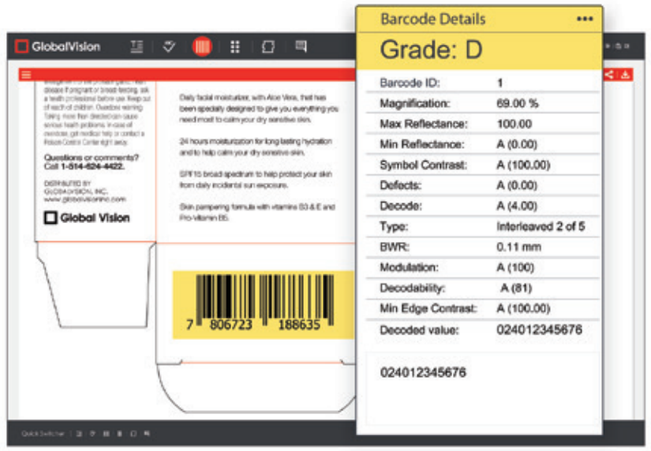
Scan the surface of cylindrical packaging
Sizes and Speed
Cylinders 0.5" to 6.8" in diameter
Applications
Plastic bottles, cans

Booklet Scanner

Scan an entire booklet in seconds
Sizes and Speed
Simplex: 50 ppm, Duplex: 100 ppm
Applications
User guides, IFUs

Barcode Inspection

Barcode verification for PDF files and print.



How it Works

The inspection software searches for barcode types within the artwork.

The inspection software analyzes each barcode type to grade and verify quality, bar width reduction, quiet zone and magnification

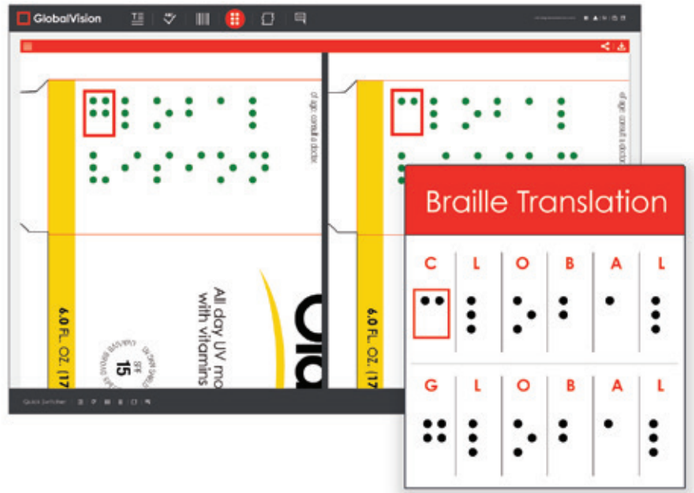
The inspection software generates a comprehensive report of all barcodes to ISO standards.

Benefits

- **Automatic Barcode quality Inspection**
  Automatically locates all barcodes on your package no matter how many or which type.
- **Complete reporting**
  Produces a comprehensive barcode report for each press sheet or final printed component.
- **Stop printing PDF files**
  If you need to know the quality of a barcode in a PDF file, don't print it, just inspect it directly in the PDF file.

Braille Inspection

Inspect, translate and verify Braille for added or missing dots.



How it Works

The inspection software automatically searches for Braille within an artwork file.

The inspection software converts Braille into readable text.

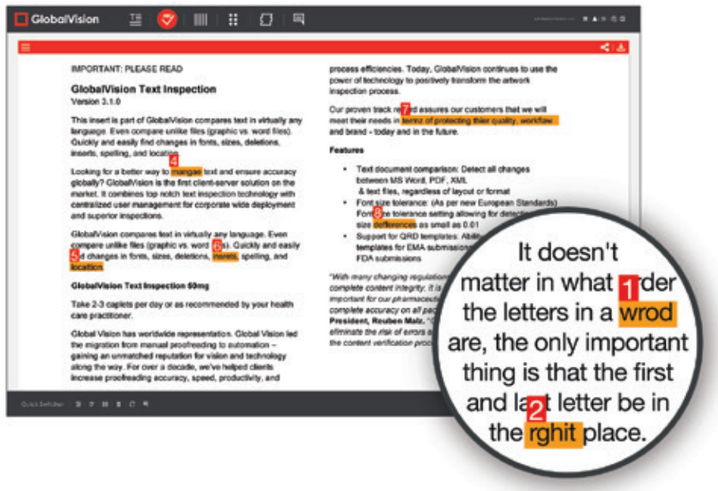
The inspection software compares the Braille on printed packaging to the approved PDF file.

Benefits

- **Digitally verifies Braille**
  Manually checking Braille can take hours no matter your method. Digital verification is fast and accurate every time.
- **Detects missing or added dots**
  Be sure every single dot is being printed correctly.
- **Ensures Braille says what it is supposed to say**
  You can't read Braille, so translate it first to make sure it's accurate.

Spelling Inspection

Inspect spelling in files.



How it Works

The inspection software checks spelling. The software incorporates more than half a million technical terms, drug names, ingredients and medical terminology.

Benefits

- **Medical Dictionary**
  With medical dictionaries providing thousands of terms, you can make sure your ingredient lists are accurate and complex vocabulary are correct.
- **Multilingual**
  Check for correct spelling no matter what the language.
- **Custom dictionaries**
  Build your own custom dictionaries to include terms unique to your organization. Add your brand names and unique technical terminology to facilitate proofreading and ensure integrity.

GlobalVision Quality Control Platform is now available within ESKO Automation Engine

- Build automated inspection checks into your Automation Engine workflow.
- View GlobalVision inspection results directly in Adobe Illustrator with Deskpack, Esko Viewer or a detailed PDF report.

End-to-End Quality Control Platform

The power of automated proofreading at any point in the workflow.

GlobalVision Advantages

Proofread in seconds instead of hours
With fast and efficient inspections, you'll streamline your entire process.

Speed up approvals and time-to-market
With inspections available at every point in the workflow, your packaging will be released efficiently and on-time.

Generate inspection reports
Reports are generated automatically after each inspection so you can track and manage errors.

Web-based or workstation
Our software can be run from the web or installed on a Mac, PC or server.

Integrate with our API/SDK
GlobalVision can connect to your existing workflow software. Ask about our SDKs and APIs.

Decrease approval cycle
Fewer errors getting through means faster approvals and packaging that's right the first time.

Validated solutions
Our platform meets FDA and EMA requirements including 21 CFR Part 11.

Our Customers

Businesses around the world use GlobalVision to achieve better quality control and create a more efficient process for print and packaging approvals.

P&G
Sealed Air Re-imagine
L'ORÉAL PARIS
Mylan
BAYER
Pfizer
zoetis
SGS
CCL
Coca-Cola
WestRock
Nestlé
BASF The Chemical Company
DOW
syngenta
COSMAX
Johnson & Johnson
Abbott

Customer Stories

Read what others have to say on how GlobalVision has increased proofreading accuracy, inspection speed, productivity, overall quality and led the way to a more efficient print and packaging approval process.

Johnson & Johnson

"What was especially eye catching were the results after conducting a few head-to-head, human versus electronic proofing tests—with GlobalVision far and away the clear winner."

Pfizer

"The task of detecting artwork errors isn't nearly as difficult as it once was."

Sealed Air Re-imagine

"GlobalVision allowed our users to focus on more important parts of the inspection such as the actual formatting of the labels instead of tedious inspections."

Bemis

"What I like most is the speed we can get with this new quality control process, along with the confidence that nothing has changed. Before we were walking away from the desk to check the proof manually. Now it is done automatically."

Contact Information:

16800 Rte Trans-Canada
Montreal, Canada
H9H 4M7
1.514.624.4422
info@globalvisioninc.com
globalvisioninc.com

Customer Support

1.514.624.4422 ext. 2024
USA toll-free: 1-800-501-0511
Europe: +44 (0) 161 952 4270

Social Media:

LinkedIn: www.linkedin.com/company/global-vision-inc-
Twitter: www.twitter.com/globalvisioninc
Facebook: www.facebook.com/globalvisionqc