



# A FRESH LOOK AT DIGITAL FINISHING



# ASSURING FULL DIGITAL PRINTING EFFICIENCY

**FleyeVision assures fully quality throughout your entire label production.**

The system uses digital line cameras with resolutions of up to 8k to detect printing errors such as scratches, hickies and text irregularities as well as register shifts and colour deviations.

FleyeVision offers barcode and OCR control and allows variable data matching, pdfComparision, gapControl, advance reporting and Zero Point to avoid errors and improve efficiencies.

fleyeVision with the zero point module is now fully compatible with ABG Connect, allowing for a fully automatic camera set up without camera intervention.



**Did you know FleyeVision can also be used to inspect reflex films and holograms.**



# FLEYEVISION APPLICATIONS ON A PRINTING PRESS



**Live front and back side inspection during printing**



**Warning function via indicator light and alarm**



**Waste reduction and time and money savings due to early stage error detection**



**Logging of the entire production with advance reporting**





# FLEYEVISION APPLICATIONS ON A CONVERTER /REWINDER



**100% inspection of all products**



**Display of errors and automatic positioning on the splice table for operator actions**



# FLEYEVISION

## APPLICATIONS

### ON A PHARMACEUTICAL CONTROL MACHINE



**100% inspection of all products**



**Machine stop and error positioning**



**Error Handling**



**Re – inspection with 2nd fleyeVision for 100% safety**



**If necessary, stop at 3rd splice table for operator action. Acknowledgement by signature**



**Special protocol and administration features  
in accordance with FDA 21CFR Part 11**

# AVAILABLE OPTIONS



**100%  
Inspection**



**FleyeVision  
ocrControl**



**FleyeVision  
barcode Control**



**FleyeVision  
gapControl**



**Delta E  
Control**



**Advance  
Reporting**



## **Zero Point for ABG Connect**

- full automatic camera set up of print phrase inspection without operator intervention. This should be linked to JDF/JMF.
- Job data to be supplied from customer system.
- Unique to ABG.
- Retrofittable as with all ABG modules.

Combine a fleyeVision 100% inspection solution with ABG Connect using our internally developed Zero Point automated inspection software.

Automatically generate the Golden Image inspection reference and identify the inspection points with zero operator input for maximised efficiency, minimal downtime and zero human errors.

Utilising the JDF/JMF functionality of ABG Connect to share artwork files for inspection references direct from the MIS.

Produce an inspection report for each job identifying any errors detected and either stop the web at an additional splice table for doctoring or automatically share data to ancoffline rewind for rework.

### The new dimension of automated inspection.



Operator-free



Minimal downtime  
& automatic set up



Maximised efficiency



Connectivity with all ABG finishing machines managed via a single central server.



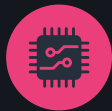
Faster and more accurate set up reducing risk of operator error.



Removes admin tasks from operators freeing up time to concentrate on production.



Money saving through increased automation and less need for human resources.



Efficient set up allows files to be received directly from the customer's website.



Gives competitive advantage with real time production data for accurate stakeholder reporting.



Thanks for reading!

