

Pixel Perfect™ is the industry's only automated inspection system for 100% bit-level print assurance.



# When perfection is the only acceptable outcome.

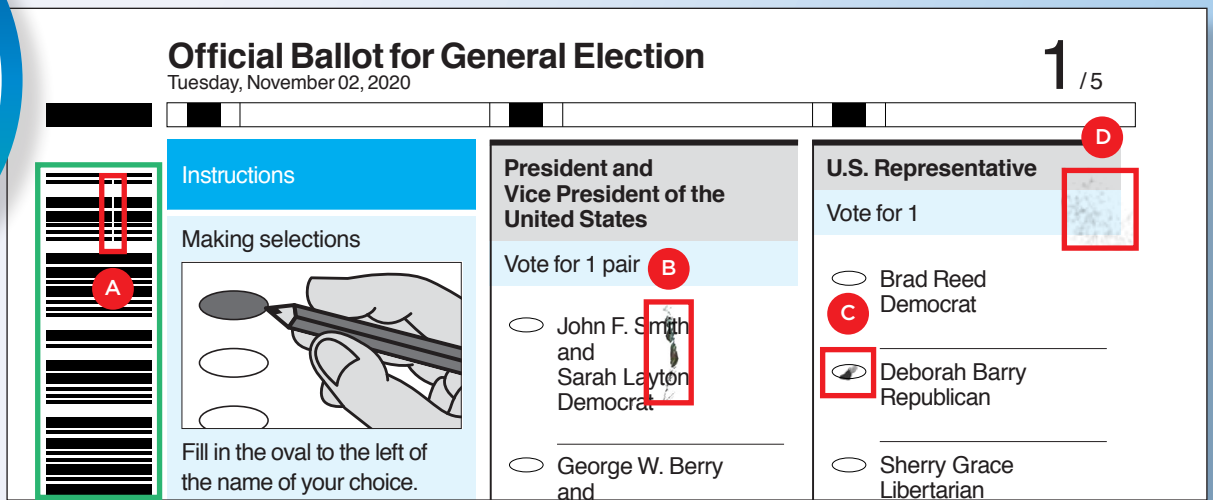
**Your clients demand perfection. Videk's Pixel Perfect delivers.** Inline, high-end imaging inspects every pixel of every document—at the rated speed of your press. Integrated software captures each inspection result automatically, ensuring your documents are defect free. It's an ideal quality control solution designed to boost efficiency while reducing costs and eliminating risk for your operation.

That sounds... *perfect!*

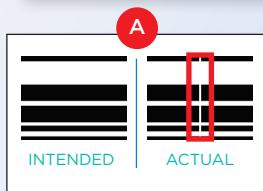
## Detect defects at full press speeds!

At 100m/min:  
0.013 in (0.34 mm)

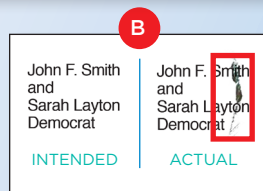
At 127 m/min:  
0.016 in (0.41 mm)



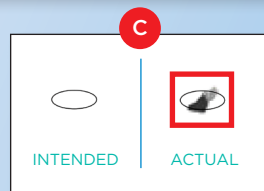
Pixel Perfect identifies:



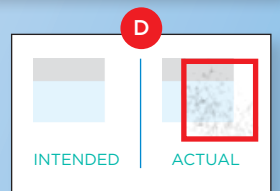
**VOID OR MISDIRECTED JETS**



**HEAD STRIKES/SCUFFS**



**EXTRANEOUS OR MISSING INK**



**PAPER DEFECTS**

**Pixel-by-pixel comparison of an intended document to the actual printed document.**

**Valuable production time is wasted with manual document inspection**—or worse, re-running jobs due to quality issues. Take control of production time and costs across a wide range of jobs with Pixel Perfect and deliver ideal quality for applications and markets, such as:



Books/Publishing



Pharmaceutical



Gaming Industry



Election Printing

**Detect defects at full press speeds!**

At 100m/min:  
0.013 in (0.34 mm)

At 127 m/min:  
0.016 in (0.41 mm)

# Benefits

## LIVE INSPECTION VIEW

### Guarantee full-speed production.

With Pixel Perfect, there is no need to stop or slow the press for quality checks:

- See every printed page in real time without impacting production
- Examine live images! Pan, zoom and scroll both sides of the printed page

## ERROR ALERTING

### Alerts mean issues can be rectified immediately.

Varied alert methods help capture and resolve issues fast:

- Alarm light/GUI pause
- Post-process divert of errant pages so production can continue

## ERROR REPORTING

### Tracks errors via a reporting database.

- Archive camera and reference images for later review
- Review thumbnail image of each defect
- Inspection error recording in database
- Defect report lists every inspection on system with classification (size, type, and location) of each defect shown

## Pixel Perfect with DocuVision® Pro Web Transport

### Includes the legendary power of Videk's DocuVision® Pro Software:

2D Bar Code

1D Bar Code

Postal Code

OCR or MICR

Color Consistency

Print Registration

Image Rewind

Reporting

Golden Image™ or PDF Compare™ bitmap methods compare intended document to the actual

### Compare RIP image to camera images

- Every page can be unique
- Proven technology
- Supports all current printer speeds

### Web transport offers:

- Front-to-Back Sync and Registration
- Precision-built handling cylinders provide an exceptionally stable imaging environment
- Variable perforation inspection option

