

Guardian OLP

OFFLINE PROOFING SYSTEM



The Guardian Inspection System™ OLP model can automatically find and highlight differences in print quality from an approved master image. The Guardian OLP can compare a one-up electronic file or scan to a multi-up electronic file or scan. This system will detect printing defects such as missing or extra print, pre-press errors, plate defects and color variations.



SPC INDUSTRIES Achieving Quality Through Technology

Guardian OLP Off-line Proofing System

EASY TO USE



LOAD



SCAN



INSPECT

FILE TO FILE



FILE TO SCAN



SCAN TO SCAN



FEATURES

Accurate

The Guardian OLP is capable of detecting a missing period down to a 3-point font.

Fast

- The Defect Chart “Quick Zooms” instantly to the color-coded defect.
- When a defect is detected the operator can flip to the master image to compare the differences detected.

Advanced

- Verify against customer-approved artwork
- Object-based Inspection
- Auto Image Alignment
- Auto Skew Correction
- Auto Image Find
- Character Recognition
- Usable with any fonts
- Negative Image for film and plate inspection
- ANSI/ISO Bar Code Decoding and Grading
- ANSI BCR reports
- Compares different size artworks
- 21 CFR Part 11 Compliant option
- Integrates with PCI 100% Inspection Systems
- Hand-held bar code reader job entry option
- Remote technical support and training
- Side by side master view

Audit Trail

- Full reporting and documentation
- Roll label printer option
- Defect classification

Defect Chart

4 Prev Defect

5 Next Defect

6 Minor Defect

Print Screen

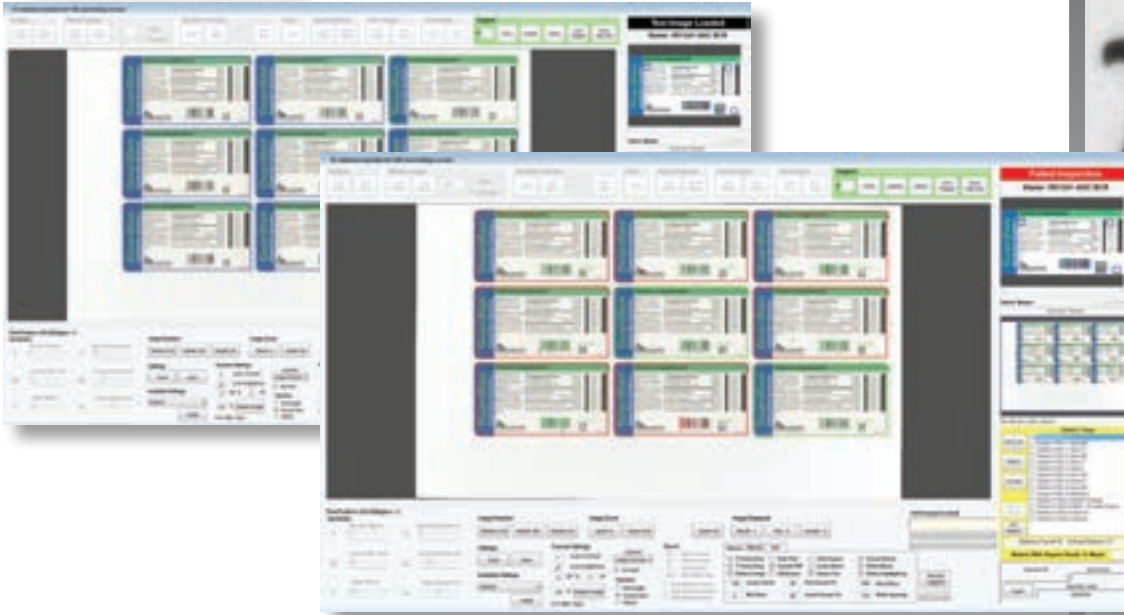
Create Report

Total Defects: 36

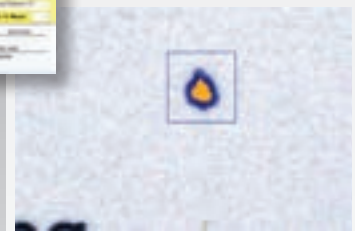
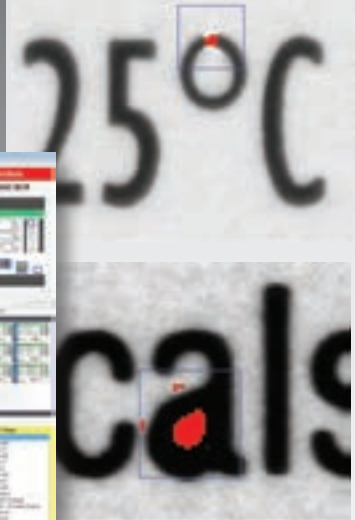
- Defect:1 Row:4 Col:1 Size:44
- Defect:2 Row:4 Col:1 Size:44
- Defect:3 Row:4 Col:1 Size:16
- Defect:4 Row:4 Col:1 Size:16
- Defect:5 Row:4 Col:1 Size:34
- Defect:6 Row:4 Col:1 Size:16
- Defect:7 Row:4 Col:1 Size:16
- Defect:8 Row:4 Col:1 Size:102
- Defect:9 Row:4 Col:1 Size:430
- Defect:10 Row:4 Col:1 Size:25
- Defect:11 Row:4 Col:1 Size:822
- Defect:12 Row:4 Col:1 Size:49
- Defect:13 Row:13 Col:1 Size:44
- Defect:14 Row:13 Col:1 Size:44

Defects Found:36 Minor Defects:0

INTERFACE



Sample Defects



BENEFITS

Detect Errors...

- Initiated during PDF artwork creation
- Introduced during pre-press step and repeat process
- Created during raster image processing (RIP)
- Produced during the plate-making process
- Caused by incorrectly mounting printing plates
- Created during plate washing
- Due to press accuracy
- Related to press operation error
- Before producing costly scrap material
- Prior to shipping defective product with potential liability

Types of Defects Detected

- Missing, filled-in and broken text
- Print and die mis-register
- Font substitution
- Incorrect copy spacing and position
- Defects in graphics areas: logos, vignettes and process printing
- Color variation
- Ink spots, smears and streaks
- Incorrect or poor quality bar codes

Guardian OLP Off-line Proofing System



SPECIFICATIONS

Operating System	Windows 7 64 Bit
Computer	High-performance multi-core industrial computer
Remote Support Access	Via Internet
Inspection Speed	10 to 90 sec depending on resolution and size
Minimum Defect Size	.002" (0.05 mm)
Maximum resolution	1,200 dpi
Master File Formats	PDF, TIF, BMP
Fonts	Compatible with all fonts and foreign languages
Maximum # Multi-up Images	500 per inspection
Scanner Material Types	Paper, film, carton, labels
Power Supply	100-240VAC, 50-60Hz
Options	Mobile cart, report printer, roll label printer, bar code scanner

OPTIONS

FLATBED SCANNER



Size: 11.7" x 17"
297 x 420 mm (A3)

Size: 18" x 24"
455 x 609 mm (A2)

SHEETFED SCANNER



Size: 25" x 48"
635 x 1219 mm

Size: 36" x 48"
914 x 1219 mm

Size: 42" x 48"
1066 x 1219 mm

Size: 56" x 60"
1422 x 1524 mm

Other Products from PC Industries:

100% Defect Detection • Digital Web Inspection • Strobe Lights
Register Controls • Bar Code Verification and Grading • Repeat Length Monitoring

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