Since 1979…Experts in Quality Control & Visual Inspection Automation

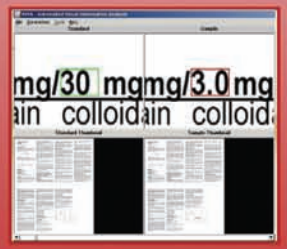
AVIA™ Proofreading Systems

by MNEMONICS, INC.

Your Total Solution For Proofing, Print Inspection & Authentication

DEVELOP DOCUMENTS

PROOF DOCUMENTS



PREPRESS INSPECTION

COMPARE DOCUMENTS

INCOMING INSPECTION

WHAT DO **YOU** NEED TO DO?

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WHAT DO **YOU** NEED TO DO?

	Regulatory Affairs	Clinical Trial Labeling	Printed Component Development & Prepress	Customer & Vendor Proofing	Production Document Inspection	Incoming Inspection	Counterfeit Detection
AVIA PDF Verify		✓	✓	✓			
AVIA Proofreading	✓	✓	✓	✓	✓	✓	✓
AVIA Infinity Multi-Page		✓	✓	✓	✓	✓	
TVT Text Verification	✓		✓				

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AVIA Proofreading System

The AVIA Computer Automated Proofreading System is a supply chain tool that can be used throughout the enterprise to verify that all product information documents conform to their design in content & quality.

- FDA 21 CFR Part 11 Compliant. Validation documentation and customization services available.
- Compares any combination of electronic files and scanned documents: PDF, electronic image format files, scanned documents, proofs, bluelines, plates, inserts and labels.
- AVIA inspects all aspects of a document – text characters as well as graphics, chemical formulae, charts and pictures.
- 36” by 48” documents are compared in less than 30 seconds.
- All disparities greater than a specified size and contrast are located, marked, ranked and tabulated.
- The system generates HTML and PDF reports for sharing results.
- Can be configured to communicate via intra- and inter-site networks, and multiple AVIA workstations can share multiple scanners across networks.

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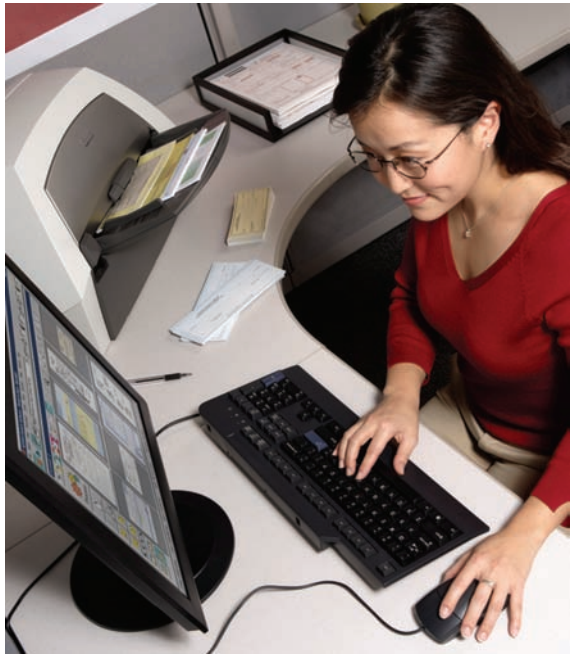
AVIA Infinity Multi-Page Proofreading

AVIA Infinity Proofreading System revolutionizes inspection of multiple-page documents. AVIA Infinity inspects catalogs, booklets, manuscripts, labels and IFUs. Documents with hundreds of pages are typically inspected in about 90 minutes.



- AVIA Infinity inspects multiple page documents (softcopy and/or hardcopy) easily and quickly with a single set up.
- With AVIA Infinity's automatic region of interest settings, you can even inspect different size documents and mix & match documents with different page sizes within the same batch.
- Documents with hundreds of pages are typically inspected in about 90 minutes. For example, AVIA Infinity compares 1,000-page documents that include 5 different page sizes (ranging from 4.5" x 8.5" to 11" x 17") at a speed of 10 to 15 seconds per page.

AVIA Infinity is rich with new features:

- Automatic region of interest settings
- Magnification correction between standard and sample documents
- Batch processing of documents of different size pages
- Automated storage of results in a database
- An enhanced review session that can be saved, closed and reopened for continued review
- A user-configurable report with comprehensive defect maps and individual deviation snapshots

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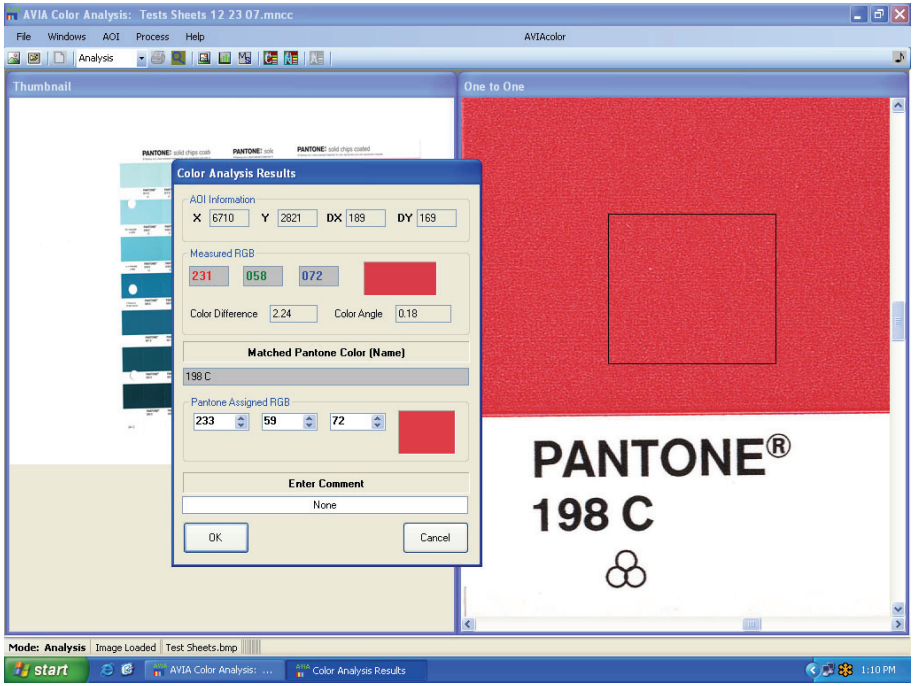
AVIA Color Matching

A Color Comparison Add-On Module for AVIA Proofreading Systems

- This software add-on enables Pantone® color comparison and the nearest color determination for printed packaging components.
- Provides color calibration and test functions for evaluating printed samples, and reports the closest color in the calibration chart.
- Calibration configuration files may be saved for simplified retesting of the same products at later inspections.
- A PDF report can be printed that summarizes the entire inspection.
- A standard calibration sheet template is provided for population by the customer.
- A three-volume set of Pantone® color chips for coated, uncoated and matte finish is included.



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AVIA Private Eye Anti-Counterfeiting

AVIA Private Eye is a system for use in investigating pharmaceutical packages suspected of being counterfeit.

- Private Eye is an integrated software and hardware system for use by investigators to quickly examine authentic and suspect packages to determine whether the packages are likely counterfeits.

- Imports source documents in PDF or scanned form and compares them to each other.

- Automated document alignment and registration.

- Detects size differences and distortion between packages. Able to measure package distortions in any direction.

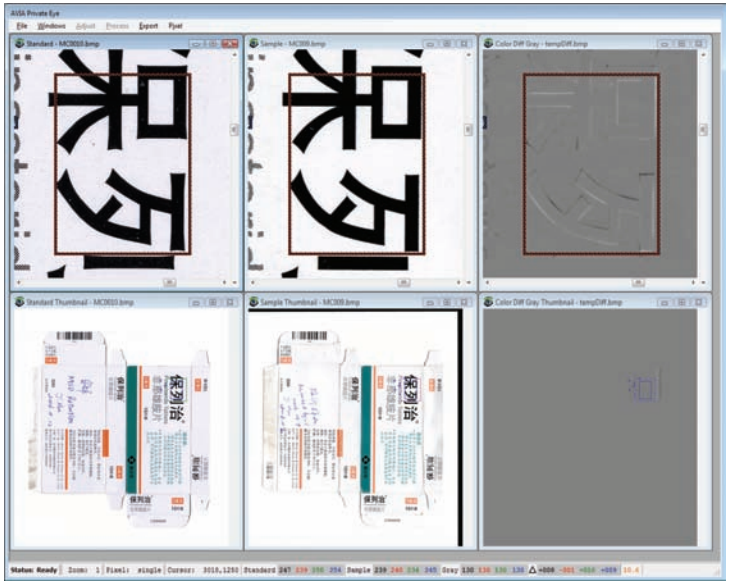
- Finds differences in text and graphics as well as internal graphical fill variations.

- Provides a list of all differences with support for annotation fields.

- Differences determined to be significant can be exported to a PDF file for documentation.

- True color image export functions with optional image annotation for full resolution image areas, thumbnail images, and difference images. Images can be imported to word processing, presentation, image management, or document generation software.

- Investigational session settings can be stored for archival purposes and can be used to reopen cases for further analysis.



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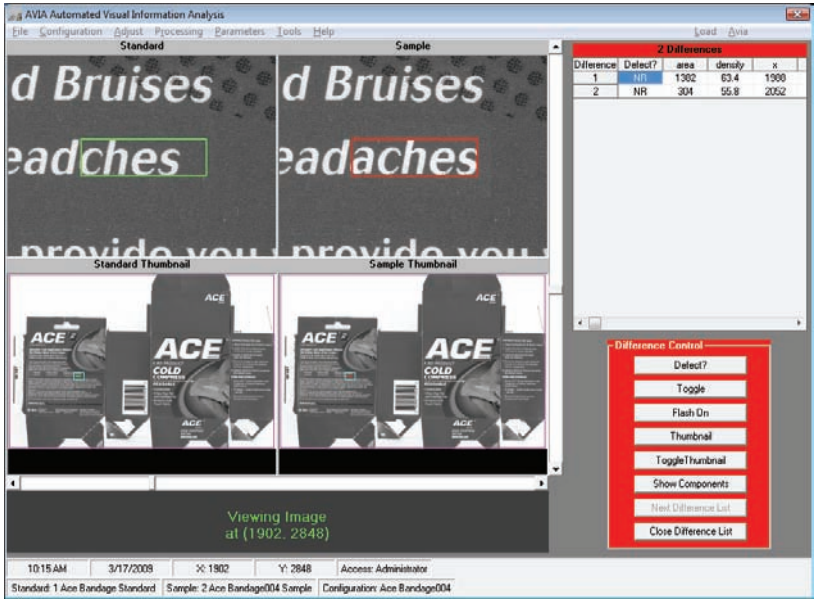
AVIA PDF Verify Software

A Software Solution for Comparison of Electronic Documents



- Cost effective software for comparing electronic files only
- Compares electronic files generated from PDF artwork, ripped files and other graphics files (tif, png, bmp). Hardcopy files (e.g., scanned files) are not supported
- Useful in prepress to compare artwork to artwork files
- Useful in prepress to compare artwork to rip files (locked rasterized graphic files)
- CFR 21 Part 11 Compliance option is available

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TVT Text Verification Tool Software

The Text Verification Tool is a Windows-based software that compares *text* of a manuscript against artwork, no matter how the artwork is laid out.

- The TVT software does not change either original document. The software creates an annotated copy of the compared artwork.
- The TVT supports nearly any language which is written left to right plus Arabic, Chinese, Hebrew, Japanese and Korean.
- The program is able to processes PDF, RTF, TXT, XML and DOC files. Three main configurations support very large documents (100 and more pages), leaflets and even packaging material like cartons.
- The comparison process is very fast and extremely precise. Inconsistencies, missing paragraphs, incorrect flow and order of words, sentences and paragraphs are marked clearly in both documents.
- Notes, comments, and instructions for corrections can be added directly into the annotated files and extracted automatically. An ordered list is generated for reviewing the inconsistencies. Also, the TVT allows the annotated documents to be printed with the found and marked inconsistencies.

TVT is a product of Sh-P.

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