



# Content Compare

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Advanced Electronic Proof-reading and  
Quality Control of Artwork Files

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# Computerized Content Compare

How can you guarantee that the requested changes, and only them, were correctly made in your artwork? How can you easily compare the content of two text areas, regardless of changes in disposition and style?

The Content Control application developed by InformalT is an automated proofreading tool for professional electronic comparison of artwork files.

The comparison can be run in two modes, fitted for different purposes.  
 The Text Compare is based on the textual content regardless of disposition and style.  
 The Graphic Compare does a pixel based comparison to detect graphic differences.

The results of the comparison are displayed on screen and summarized in a printable report

## CONTENT COMPARE

Content Compare is a complete and user-friendly system that electronically compares original documents, layouts, pictures, etc. with modified and revised versions of the same file.

The system significantly saves labour time by eliminating the need for hardcopy proofreading control, and it reduces errors by increasing the persistence and consistency in quality control.

The application is a browser-based Electronic Record Management system, which is easily accessed and executed from Internet Explorer.

In addition, the Electronic Signature and Record Keeping feature significantly reduces the risk of signature fraud and report misfiling.

**BENEFITS WITH CONTENT COMPARE**

- Web-based**
- Accurate pixel-by-pixel comparison**
- Text disposition and style independent**
- Part 11 Compliant**
- Complete Report history**

## TEXT COMPARE

The Text Comparison scrutinizes streams of text without considerations as to style, size or semblance. The comparison can be carried out word-by-word or character-by-character.

Its revolutionary Language-Independent feature enables the comparison of texts written in pictorial languages (such as Chinese) or in right-to-left languages (such as Arabic or Hebrew). The application can also execute the comparison of texts that contain multiple languages on the same page.

Its innovative Adobe Annotations Compare feature detects deviations between annotations (such as "Sticky Note") and the main text. It likewise verifies that changes to the original text, suggested in the annotations, are correctly inserted in the revised version of the document.



The Text Comparison guarantees a 100% deviations hit rate, provided that the PDF file to be analyzed is created in compliance with PDF/A.

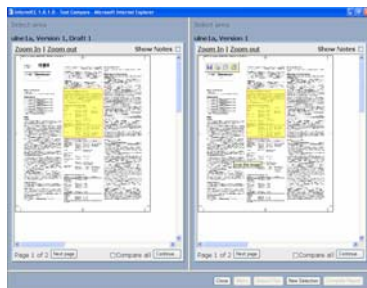


Any deviation is displayed with respect to changed, added or removed text. Moreover, the attribute comparison feature, when enabled, displays deviations as to change of the text attributes bold, italic and bold italic.

The Adobe Acrobat Reader and Internet Explorer are the only additional softwares needed to run the application.

### GRAPHIC COMPARISON

The Graphic Comparison feature enables the comparison of different electronic versions of the same PDF file that incorporate both text and pictures .



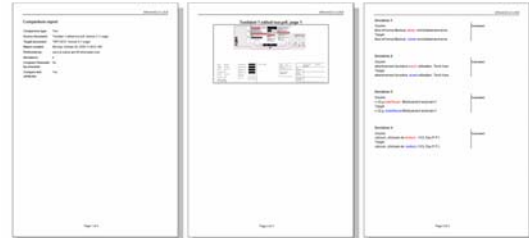
The comparison is carried out on a pixel-by-pixel basis. Even the smallest differences are detected: the intelligence of the software uses an advanced image analysis, and allows to enable configurable filter options.

### HOW DOES IT WORK?

A comparison is made between two electronic versions of the same file.

Each comparing result is presented as both *selections* and *deviations*. A selection is the area chosen by the user for comparison: it can be as small as a single graphical object or text character, or as big as the size of an entire page. A deviation is any difference found to occur between the two file versions that have been analyzed.

In the Text Comparison result the deviations are listed as detailed text listings, while in the Graphic Comparison the deviations are displayed as graphical images. The results of the analysis are then summarized in a Comparison Report as a PDF file.



The report is finalized by being electronically signed by the user. Once the signature is verified, the report is stored as history data in the system database.

### GMP CONSIDERATIONS

The Content Compare System is designed to comply with general GMP requirements for Good Electronic Record Management, and with CFR 21 Part 11 requirements for electronic signatures. Validation documentation can be delivered for IQ and OQ, and our professional services team can help with installations, implementation, validation, training and support.

### ABOUT US

InformaIT is a software company that combines specialist competence, market leading products, and domain specific concepts. We offer cost effective solutions and services.

For a closer look at Content Compare and its capabilities, and for more information on our Artwork Management System, please visit us at [www.informait.com](http://www.informait.com) and discover what InformaIT can do for you and your organization.

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