

# A Systematic Approach to Detecting Image Manipulations

## C a d m u s   D i g i t a l   A r t   A n a l y s i s

Manual inspection of your publication's images can be time consuming and produce sporadic results. Cadmus Digital Art Analysis accelerates the evaluation process and ensures that all of your publication's images are thoroughly examined. With a unique combination of technological and human analysis, you can be assured that your images are accurately represented and interpreted.

The Cadmus Digital Art Analysis advanced software detection system inspects high volumes of complex images quickly for manipulations that are invisible to the human eye. Our trained image analysts evaluate the findings and professionally manage communications with the authors. The workflow is customizable to meet your needs and can be seamlessly integrated into your peer review and preflight processes.

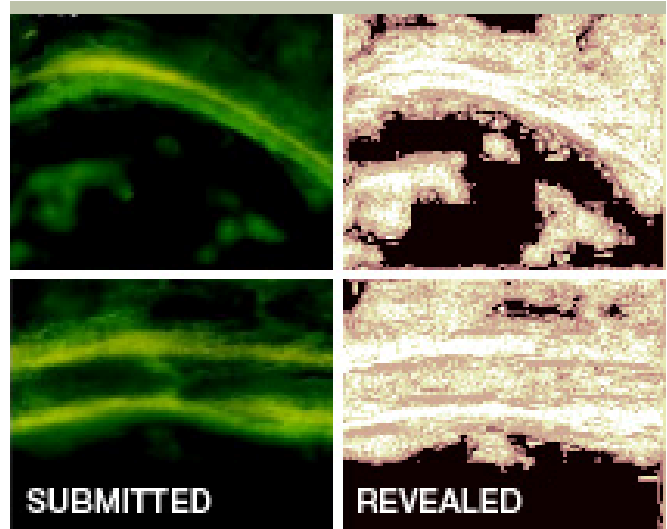
### Are you identifying unwanted modifications in all of your accepted images?

In a digital workflow a large amount of image control is squarely in the hands of your authors. The software tools available to clean, modify or amend digital images are powerful. Even in experienced hands, these tools can lead to unintentional or undesirable changes to the quality of submitted images. In some cases, image manipulations can lead to improper interpretation of results. In worst case scenarios, discovery of undesirable image manipulations can force the retraction of papers.

Image inspection has been an extensively manual process, until now. The Cadmus Digital Art Analysis service blends advanced software detection with trained inspectors to bring art analysis to a whole new level.

### How Cadmus Digital Art Analysis works

Cadmus Digital Art Analysis provides a systematic solution for evaluating image adjustments made by your authors or staff. With a combination of technological and human analysis, you can be assured that all of your images are accurately



#### *Cadmus Digital Art Analysis Highlights:*

- Eliminate erroneous interpretations of images
- Apply both technological and hands-on analysis
- Detect manipulations invisible to the human eye
- Analyze high volumes of complex images quickly

represented and interpreted. Through the use of a proprietary image analysis software system, alterations are detected that cannot be identified through visual analysis alone. This advanced screening engine intelligently searches images for key manipulations that may affect how the images are interpreted. High volumes of complex images are inspected quickly. Cadmus' trained image analysts assess the findings and professionally orchestrate the follow-through communications with authors.

Cadmus Digital Art Analysis makes no judgments regarding the intent of image manipulations. We recognize that many manipulations occur simply because authors are not digital image specialists. makes

Cadmus Digital Art Analysis workflows are customizable to your unique needs. Variations of the workflow include digital art preflighting, author support and guidance, and review of art at different article lifecycle stages.

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