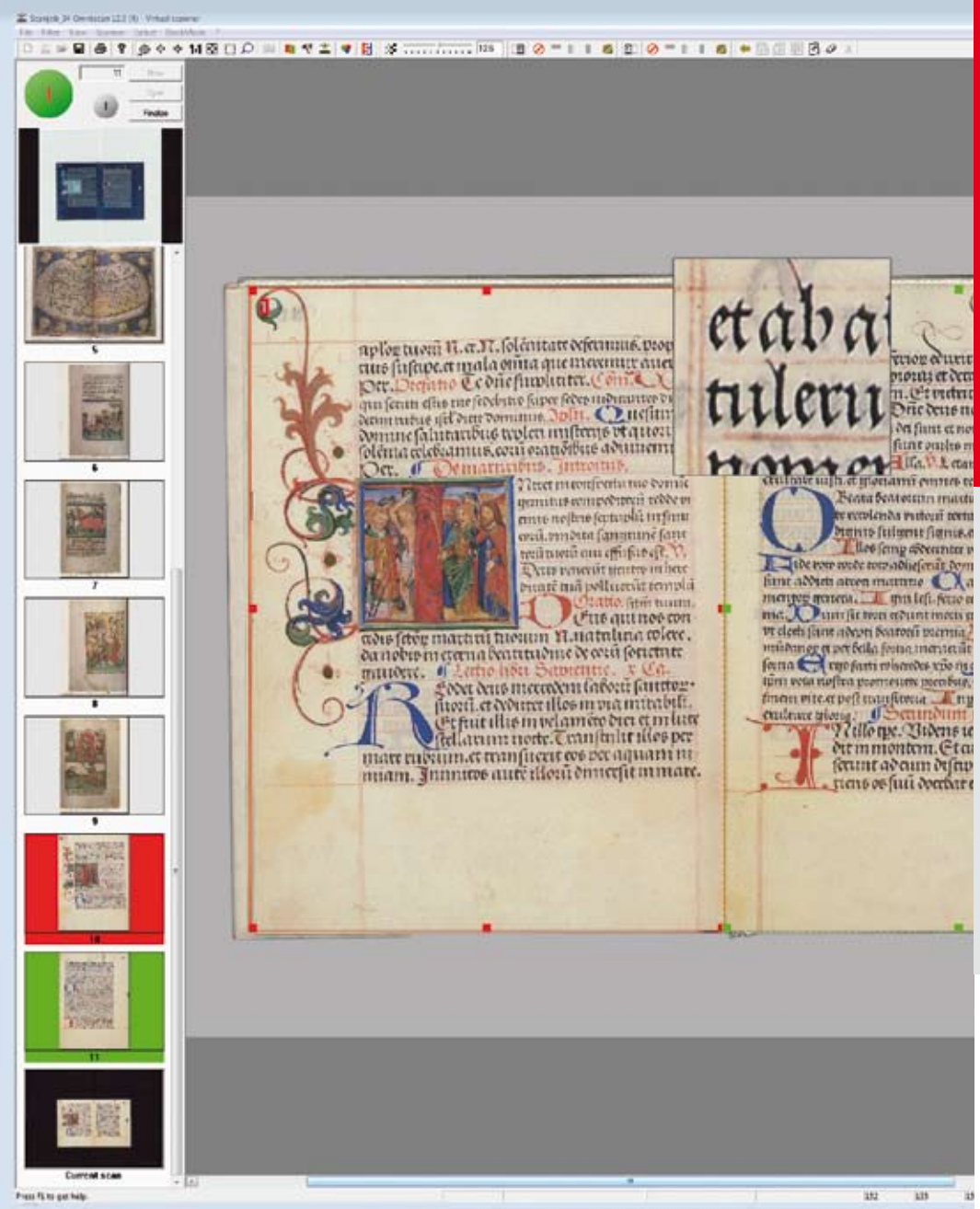
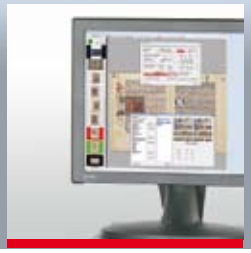
Omniscan Scanning Software OS 12

The best solution for the most demanding standards





simple to use,
rapid data capture

ZEUTSCHEL

The Future of the Past.

Omniscan Scanning Software OS 12

"There is nothing in human culture more venerable than the book, nothing more wonderful and nothing which could be more important."

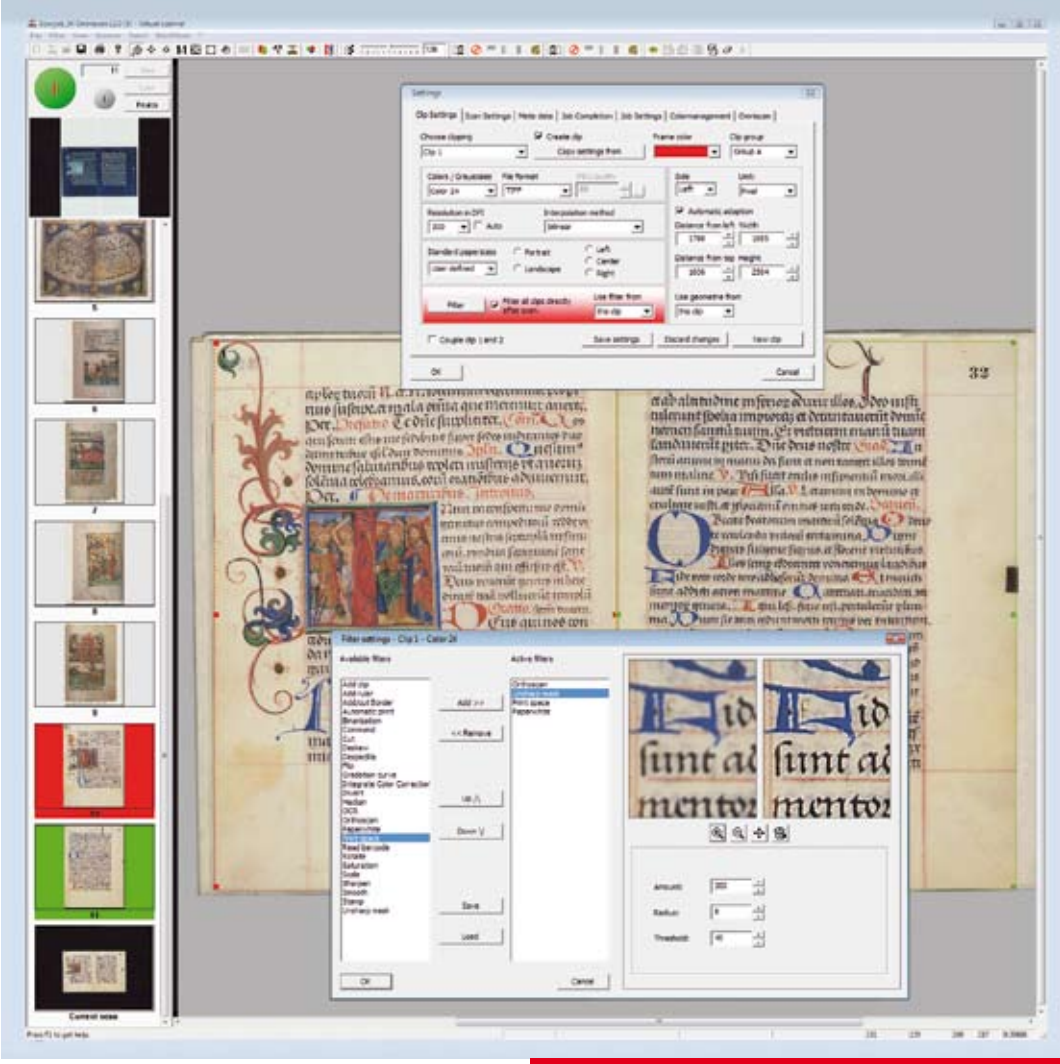
Gerhart Hauptmann (1862-1946)

If you ask librarians or archivists about the value of the cultural assets with which they are entrusted, you nearly always get the same answer: "Unique objects of the highest intrinsic value". The spectacular sums which are sometimes paid for precious items such as the mediaeval Gospels of Henry the Lion confirm this opinion. The technical requirements specified for the digital and analogue conservation of these documents are set accordingly high. The new Omniscan OS 12 scanning software meets all these requirements. This software for the first time uses all the advantages of the 64-bit architecture and runs on the XP64 and Vista64 operating systems. Fast and reliable handling of large amounts of data, as it is required for high resolution scanning of color documents, is standard procedure for OS 12. A new and unique facility with OS 12 is simultaneous image editing during the scanning process. Scanning, editing and file-saving run in parallel threads. The parameters set for image processing (e.g. for 3D book-fold distortion correction) are transferred one-to-one to the second image. And this is achieved without any loss of speed when continuing with work on the screen. Unproductive waiting times are finally a thing of the past. The Perfect Book option makes it possible to scan bound volumes without any distortion. The OS 12 scanning software is thus breaking into new technological dimensions in digitization.

Product advantages

- Fast processing of large amounts of image data with genuine 64-bit technology
- Parallel image editing and saving during the scanning process, without any loss of speed due to multithreading
- Operating interface permanently active, thus no unproductive waiting times
- Perfect Book (optional) for distortion-free copies even of tightly bound book pages
- Scanning can be stopped easily at any time
- Very simple handling thanks to advanced scanning software
- Parallel capture of metadata for bibliographic description of the scanned image
- Simple management of scanning jobs
- Individual setting of scanning area for any number of sections (multi-masking)
- Visual checking of the work process with integrated thumbnail overview
- Flexible file-saving in the widest variety of file formats
- Simple transmission by email and current electronic delivery services
- File output in accordance with METS standards. Index output as CVS or XML for further processing

Technical data



Description

OS 12 control and image editing software for Zeutschel high performance scanners, e.g. OS 12000, OS 14000, etc.

Job management

Job parameters can be stored as basic settings for new jobs; job filing suitable for data-bases and DMS systems; subsequent editing of scan jobs possible at any time (simple pasting and replacement of images); subsequent batch-processing

Color management

Complete color management in accordance with ICC standards

Language system

Unicode, multilingual, adaptable to any language

Image editing tools (optional)

automatic tone value correction; automatic cropping; unsharp masking; stamp insertion; rotation; mirroring; inversion; brightness and contrast adjustment; watermarking; dynamic binarizing threshold; text/image differentiation; print space detection; paper white filter; color space transformation; OCR filter

File formats

TIFF; TIFF-LZW; BMP; JPEG; JPEG2000; LDF; PNG; PCX; PDF; Multipage-PDF; Multipage-TIFF

Electronic delivery services

compatible with HERMES DIGITAL; Ariel; Subito; JASON; MEDEA

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The Future of the Past.

www.kraas-lachmann.com (03/2008)

If you are looking for a perfect solution for the digitization and preservation of valuable cultural works and documents, talk to us. We have been in the market since 1961, and offer you complete digital and analog systems for scanning and microfilm technology at the highest level.

Zeutschel, the Future of the Past.

The Future of the Past

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