

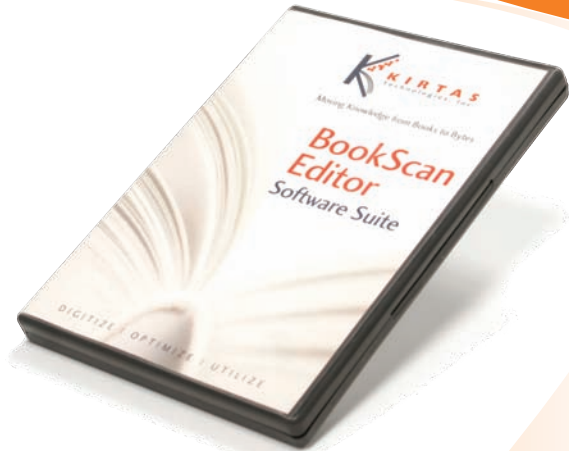
KIRTAS DIGITIZATION SOFTWARE SUITE

Kirtas Technologies is the leader in quality, high-speed, nondestructive mass book digitization. Our patented robotic digitization systems, innovative processing software, high-accuracy OCR, and unique archiving technology enable us to provide multiple output options that stand the test of time.

BookScan Editor 3.0

Kirtas BookScan Editor 3.0 (BSE) is a turnkey software system that produces high quality digitized images that can be used for internet access, search, archiving and Print on Demand. Continuing to build on the success of the original software, BSE 3.0 delivers the highest level of automation, productivity, integration and ease of use for books.

BSE 3.0 can be used as part of an entire Kirtas solution using our APT BookScan System or on its own to process images produced by other scanners or digitized from microfilm or microfiche. In all cases you'll find that both applications are unmatched in speed, quality and versatility.



BookScan Editor Pro Software

BookScan Editor PRO includes all the features of BookScan Editor with additional robust OCR functionality through the integration of ABBYY's powerful and industry recognized FineReader Engine®.

KEY FEATURES - BSE 3.0

- Auto Image Rotation
- Localized Dynamic Thresholding
- Auto image segmentation and page trim features, text centering with margin cleanup
- Faster template creation with template preview mode
- Capture, process and utilize metadata throughout the digitization process
- Advanced structural metadata tagging
- ONIX file creation for Print on Demand
- Easy recall of original unprocessed image
- Enhanced image insertion and deletion
- Thumbnail panel for up to three different size images
- BookView UI enables easy, integrated structural metadata and book pagination, user-defined content (e.g. covers, title page, TOC, chapters, etc.)

KEY FEATURES - BSE PRO

- OCR Manager for superbatch processing for unattended operations
- Automated language detection/multi-font
- Recognizes over 190 languages
- Unlimited number of pages per book
- Compatible with JPG and TIFF input
- Fast recognition mode up to 2X faster
- OCR settings configuration files for repeated use
- Fully integrated into BookScan Editor
- Recognition support for Hebrew (optional)
- PDF (Text on image, image on text, text only, image only)
- Automatic pagination

BENEFITS OF BOOKSCAN EDITOR 3.0

PRODUCTIVITY

- Pre-crop eliminates unnecessary portion of raw image for faster book processing by using less data
- Faster template set-up, with enhanced algorithms
- 2-Up processing allows scans of page spreads on single image to be broken into two pages
- Super-batch mode for unattended book processing
- Creation and saving of custom profiles for repeated use on other books
- Simultaneous digitizing and post-processing locally or from remote locations by multiple people

CONTROL

- Easy recall for raw and processed image comparison
- Enhanced image insertion for oversized maps and foldouts captured with other scanners
- Single or multiple image insertion from any location
- Improved graphical user interface and workflow
- File renaming and Insert/Delete images via thumbnail view
- Automatic creation of page number contact sheets for more precise detection of missing pages
- Thumbnail panel displays three different size image views for faster quality control
- Right click on mouse for a menu of shortcuts to QC menu and tools

QUALITY

- Bitonal conversion using proprietary Dynamic Localized Thresholding technology for smooth, rich text for printing, screen viewing, and higher OCR accuracy
- Automatic segmentation with selective brightness and contrast settings for images vs. text, as well as enhanced page centering, page trim, text block centering, and vertical page alignment
- Template mode preview for random page selection and inspection before processing full book
- Manual cleanup, adjustments of brightness and contrast in specific pages of the book providing more flexibility and consistency in large and small books
- Automatic clamp removal detects and replaces the clamp mark with original page background

OUTPUT

- JPEG, uncompressed TIFF
- Derivate file creation allows for raw files to be kept in storage for multiple processing outputs
- Descriptive, Technical and Structural metadata generation with XML output throughout the digitization process
- Full color, grayscale, bitonal and mixed
- ONIX file creation for print-on-demand
- Single and multiple page processing with no limit
- JPEG 2000 compatibility

Kirtas Technologies, Inc. reserves the right to make changes to specifications of products described in this product sheet at any time without notice and without obligation to notify any person of such changes.

