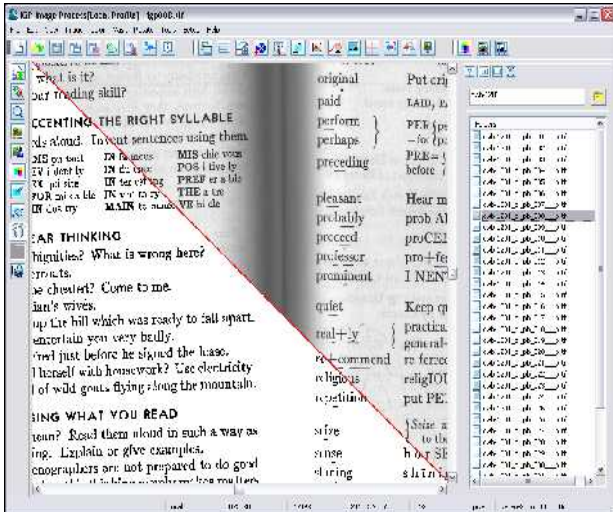
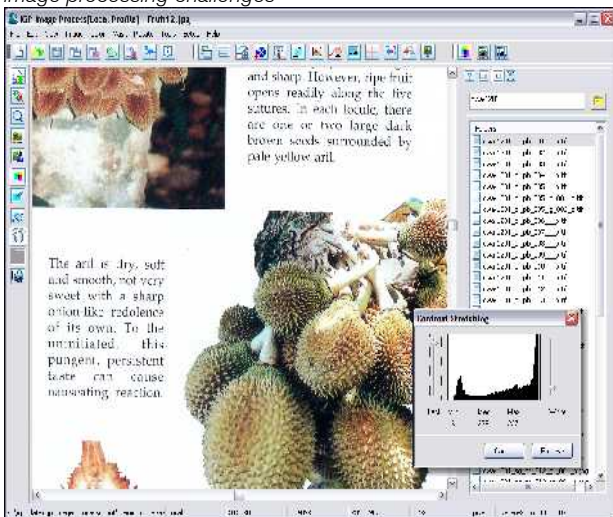


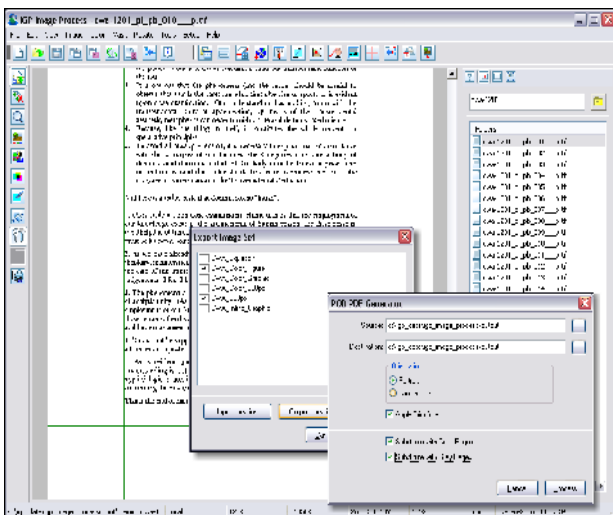
Advanced Image Processing for documents and archiving



Powerful adaptive contrast processing makes easy work of difficult image processing challenges



Handle images of any complexity. Bitonal, gray and colour,



Process bitonal pages easily, then generate service images and print on demand PDFs with just a single click

- **Export Image Set.** Create multiple derivative images with one click. Works
- **POD PDF Creator** filters any files in a directory and incorporates them into a Print on Demand ready PDF. Includes automatic image rotation, substitution and insertion of bitonal with gray and colour images.
- **Special image processing tools** such as adaptive thresholding let you get the highest results from the most difficult image.
- **Cut/Copy and Insert** a unique feature that allows bitonal (for text) and colour or grayscale (for figures and illustrations) processing in the same image.

Application Features

Image manipulation features

- **Image Formats.** Handles tif (24, 8, 1 bit), jpeg, png, bmp.
- **Image Conversion:** Size, expand, change format, change bit depth
- **Image Processing:** Threshold, adaptive threshold, brightness, contrast, contrast stretching (levels), invert, clear out centre and size.
- **Colour Adjustment:** RGB channel correction with optional density maintenance, brightness, contrast, gamma, Spot and area colour selector
- **Multi-channel Histogram:** (RGB and Composite) display
- **Image Rotation:** Rotate ± 90 , 180, arbitrary, Line Rotate, flip Vertical and Horizontal
- **Masking and Alignment:** Multiple mask apply and undo, clear in and out of masks, clip mask, crop to mask, center mask on image, mask to named clipboard, align to edges and rulers
- **Content Image Extraction:** Copy or cut to new named file type for creation of figures, tables, and inline images such as symbols, non-OCRable characters, etc.
- **Insert media images:** Re-insert manipulated content images. Allows independent optimized processing of images for figures from text image for OCR.
- **Page Process Setup:** Set Canvas, trim and galley lines per image or image set. Works with...
- **Interactive Galley Align Center and Size:** Auto-centering of mask area to align with galley lines.
- **Export Image Set:** Filter images and create any number of derivative images including size to bordered canvas, proportional and dimension resizing.
- **Print on Demand PDF Creation:** Process a directory of files to a Print ready PDF. Auto page rotate and col/gray image substitution
- **FO-XSLT Cover Generator.** Generate print resolution document cover and thumbnails from template and metadata.

Automation and Productivity Features

- **Local and Grid Modes:** Change between local and managed distributed projects with a single click
- **Self Configuration:** Easy "non-technical" joining to a Grid project.

- **Helpers:** Interactive Help, document info, view inputs, splitters, clipboard, macro
- **Macros and Batch Processing:** Create and Play macros on batches.
- **Metadata:** Auto-metadata through configuration, optional user metadata for specialist information.
- **Recording and Reporting:** Programmable event recording, timers and report generation.
- **Application Setup:** Supplied Setup Wizard for creating complete project configuration files.

IGP:Image Process Toolkit

- *IGP:Image Process Toolkit* application is supplied free with every *IGP:Image Process*
- Create project configuration files, profiles and local setup files. Directly create workflow configuration files.
- Click-thru configuration makes creating new projects fast and easy
- Export Image Set configuration tool allows any number of Image Sets to be created for local use, by profile or by workflow.

Enterprise Features

- Can be used in Local (stand-alone), Profiles or Grid modes
- Connects to *IGP:Distributor* server through *IGD:Grid Connector* when installed and allows separation of content on a project basis.
- Can be configured to use *IGP:Workflow* and *IGP:Cache* (Grid mode

only) for secure content processing

- Work in progress is stored automatically in *IGP:Cache* when working in Grid Mode.
- Application to application authorization increases content security model as there are no client/server login or permissions required.
- Grid mode allows projects to run across multiple sites, including different Internet locations
- Configurable input/output locations on local/Profiles modes for any network address for which the user has permissions.

Software and Hardware Requirements

Operating System Environment

- Operating Systems Linux (Kernel 2.6) or Windows (XP Home or Professional)
- Recommended window environment for Linux – KDE 2.0. or a user friendly installation of Linux such as Xandros or Ubuntu
- Full Linux Installation CD-ROM provided on request

Recommended Hardware

- 32/64 bit Processor with better than 2GHz processor speed
- 512Mbyte RAM minimum. 1GByte RAM highly recommended
- 30Mbyte common application software library space on hard disk
- 500kByte application space on hard disk



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