WOW!

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PDF?!

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PACKZ

❯ PROFESSIONAL PDF EDITOR

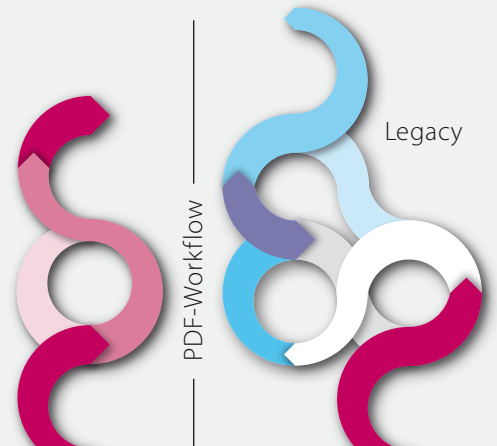PACKZ keeps the file integrity by preserving the native PDF file.

- Designed for Labels & Packaging
- Native PDF, without any conversion
- Multi Platform Solution running on OS-X and Windows and in any browser
- 64-bit multi-processing and multi-threading

Legacy

PDF-Workflow

Native PDF with PACKZ

❯ TRAPPING
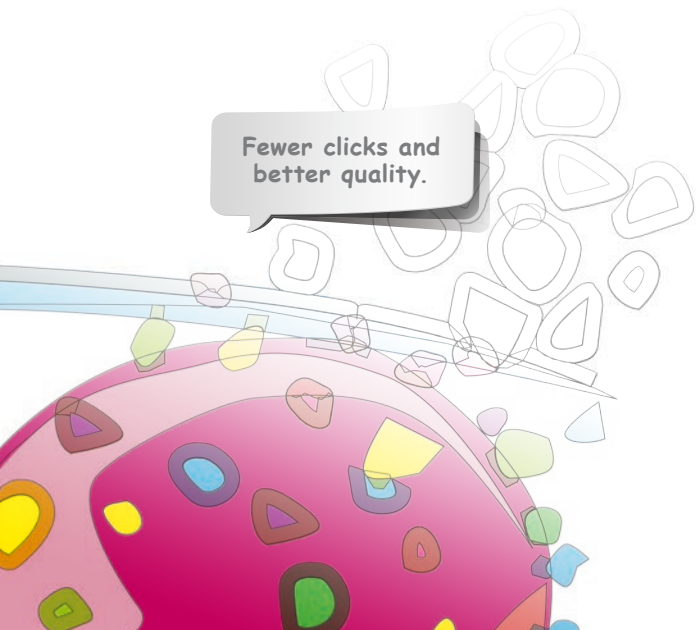
Fewer clicks and better quality.
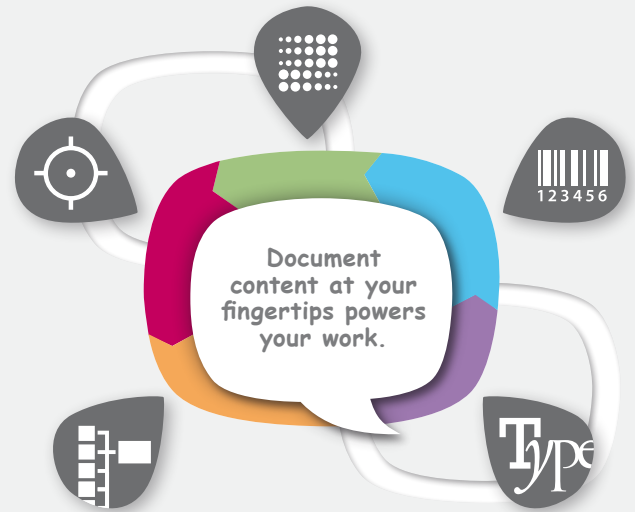
- Unmatched speed and quality
- Single-click application
- Interactive and automatic, using the same technology
- Global or on selected areas
- Handles small gaps

> STRUCTURED ASSETS

- Separation handling
- Fonts and text
- Images and graphics
- Barcode creation and recognition
- Object-based screening

Document content at your fingertips powers your work.

1 2 3 4 5 6

> LIVE OBJECTS

- Intelligent marks and info panels
- Database-enabled
- Connect Live Objects to document content
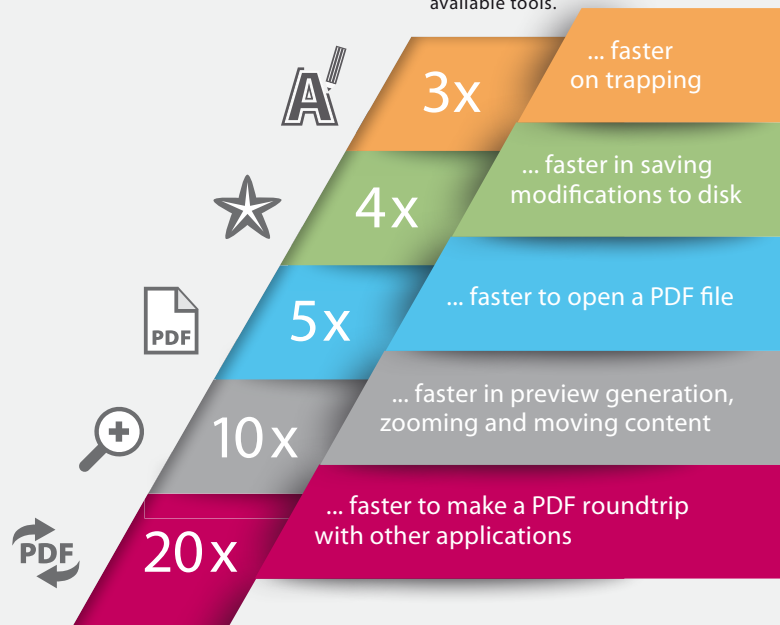- Dynamic positioning

Make the creation of your packaging design dynamic!

> KEY VALUES

- Modern architecture
- Ease of use
- High performance
- Built for Labels & Packaging
- Downloadable and one-time activation

Benchmark parameters are: opening and preparing to edit of a 175 MB PDF file (linework, type, images) compared to currently available tools.

3x	... faster on trapping
4x	... faster in saving modifications to disk
5x	... faster to open a PDF file
10x	... faster in preview generation, zooming and moving content
20x	... faster to make a PDF roundtrip with other applications

› WELCOME TO THE WORLD OF PACKZ

… the brand new professional editor for the label and packaging industry. It is completely built around Portable Document Format (PDF), today's standard file format for interchange of all packaging graphic designs. PACKZ has a versatile set of dedicated prepress functions to make designs ready for any printing process.
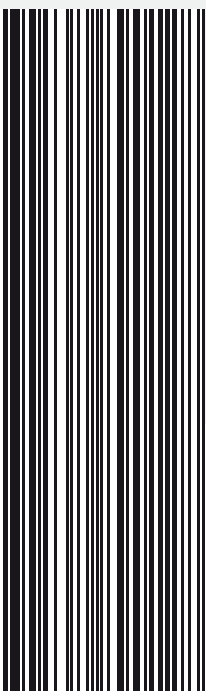
› DOCUMENTS, CAD, ASSETS

PDF documents are opened directly in PACKZ, without intermediate conversion into an internal file format, and are displayed in a color managed view. The intuitive user interface gives access to a multi-lingual work environment in which the operator can customize shortcuts, define workspaces, and access standard prepress editing features. Additionally, CAD files can be opened to position the design precisely on the cutting die. Layers can be added, removed, sorted and merged for an easy overview of the design and better access to the objects, groups, clipping paths, soft masks, and transparent objects. Sophisticated selection tools and object stacking functions increase the productivity and user-friendliness of PACKZ. Separations can be added and removed from the

embedded PANTONE® libraries. Color books can be created, modified and managed centrally or locally. The printing order and ink opacity can be set and will be reflected in the color-managed preview. PACKZ is able to remap separations to CMYK or any another separation, merge duplicates, and define the printing method and separation type. An overview of embedded fonts and usage is also available.

Embedded images are listed along with their characteristics, such as actual resolution, colorspace and dimensions. Images in Photoshop PSD, TIFF, EPS and JPEG format containing CMYK, spot colors, RGB, greyscale, and LAB can be inserted or replaced. Clipping paths, color channels and opacity channels are recognized and mapped to the corresponding separation and can be remapped. Image names and their external reference are stored for round trip correction cycles between PACKZ and an external image editor. All images and soft masks can be extracted to a Photoshop PSD file. PACKZ has the ability to create barcodes such as EAN8 and 13, Quick Response, Data Matrix, Laetus, UTF-14 and more. It also detects most barcodes and their characteristics in the design file, so that barcodes conforming to the product and printing standards may be created if necessary. PACKZ lists all screen sets present in a file and lets users add, modify and remove screening on each single object in the PDF document.

●	Cyan
●	Magenta
●	Yellow
●	Black
●	PANTONE 483 C
●	PANTONE 700 C
●	Diecut
●	Infopanel

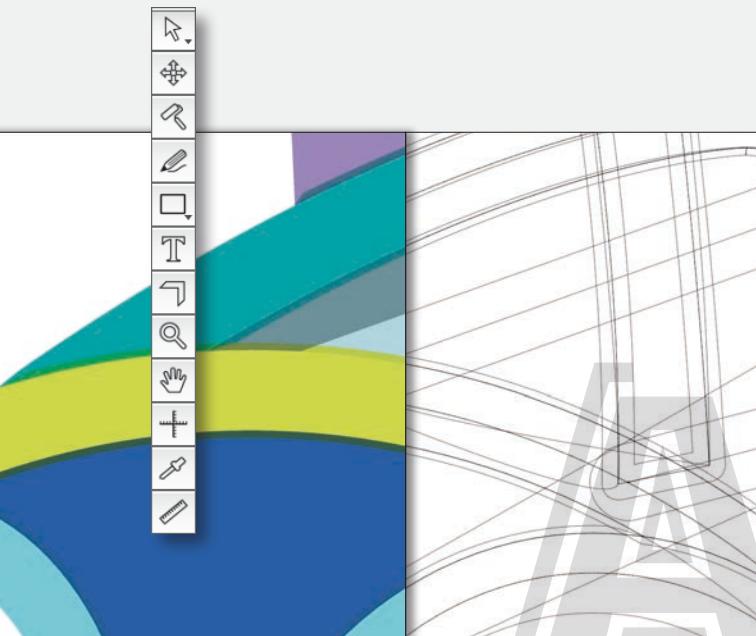# › EDIT, TEXT, OBJECTS, TRANSPARENCY, FLATTENING

PACKZ has intelligent algorithms to join single characters into text blocks, or detect table structures in packaging, e.g. nutrition panels. Along with reliable font embedding, text corrections and search and replace become easy. Text blocks are resizable, and text can be copied within the PDF document preserving the style, but may come also from external references. There are no restrictions on language and special characters. Also, selected text can be vectorized. The Draw Tool as well as the Create Shape palette provides a versatile set of different shapes to create freeform objects or box, ellipse, polygon and star shapes. The Edit Path tool allows adding and modifying paths such as a clipping path. Genuine pathfinders can be used to combine multiple shapes. This speeds up the

creation of varnish, embossing and braille plates. The blend mode and opacity applied to groups or single objects can be changed or added. Soft masks and clipping paths can be added, modified and removed. The Flattener eliminates transparencies and makes a PDF compatible with older RIPs. The Convert to Image allows simplification of the design by converting parts or the entire design to an image. The Export to Photoshop® feature allows the user to reuse the new image in other applications.
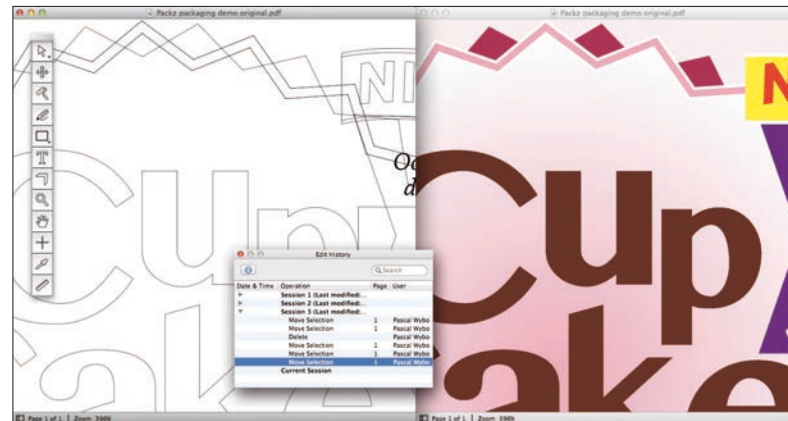
› TRAPPING

Trapping is a process of creating slight overlaps between adjacent colors to avoid registration issues on the printing press. PACKZ has an **intelligent trapping algorithm** that performs fast, interactive and automatic trapping. Trapping can be applied on the entire file or on a selection, using the same technology. This increases the quality, usability and predictability. PACKZ automatically detects the areas where trapping can be applied and highlights them. The user can freely drag traps and modify their characteristics. Areas that are identical are handled as one trap or can be modified as single traps. All **traps are stored in a database**, and are marked on a separate layer, which provides easy handling, repeatability, and user friendliness.

› QUALITY ASSURANCE

PACKZ has powerful tools for quality assurance. It **tracks all edits** made to a PDF document and visualizes them in the Edit History palette. It takes advantage of all the computing power of the hardware. 64-bit computers with multi-processing and multithreading allow PACKZ to deal with complex designs. The user sees the entire content in actual resolution. An **infinite deep zoom** level allows viewing and editing even the smallest objects. The document preview is available in full color, outline or plate mode. Customizable shortcuts allows easy switching between the different view modes. The Densitometer tool allows accurate measurements to find out the total ink coverage and can deal with CMYK, spot colors, RGB, Grey and LAB colorspaces. The

Search and Select function assists in finding objects with certain characteristics, including stroke width, soft masks, font name, and size or object names.

› LIVE OBJECTS

Live Objects is PACKZ´s innovative technology for making **active information panels, dynamic registration marks** and **live designs**. It enables the user to rapidly create live objects and connect them to PDF document content. For example, Live Objects can create registration marks that **automatically transform** and update when changes are

made to the design, since they are driven by the PDF document content and its characteristics. For advanced users, the technology provides a range of tools to **connect to external data sources**.

PACKZ