

# > THE CORE PACKZ PRODUCT

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

## > ... THE NATIVE PDF EDITOR

... the professional editor for the label and packaging industry. It is completely built around native PDF, the only 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, both on Mac OS X and Windows.

### NATIVE PDF EDITING

PDF documents are opened directly in PACKZ, without intermediate conversion into an internal file format. The intuitive and configurable 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.

### MODERN TECHNOLOGY

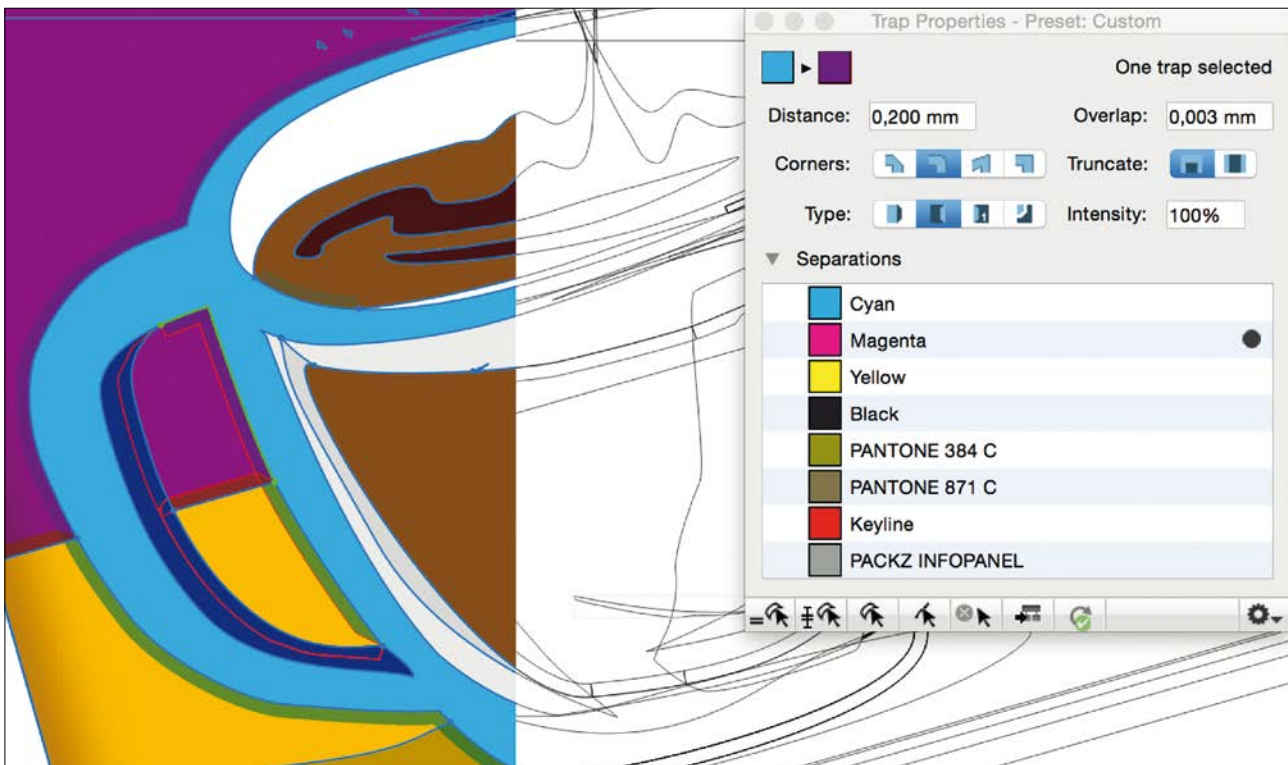
PACKZ takes advantage of all the computing power of the hardware. 64-bit computers with multiprocessing and multithreading allow PACKZ to deal with complex designs or multiple files and views at the same time.

### PRODUCTION ORIENTED

- Tabular, CAD, Interactive, and Grid Step and Repeat
- Conical, metal can, shrink sleeve warping
- Intelligent automatic and interactive trapping
- Dot gain compensation and min/max dot control
- Real-time 3D viewing

The PACKZ ROUNDRIP allows opening and saving native Adobe Illustrator™ files, preserving prepress and design oriented information.

PACKZ SMARTTRAPPER uses **intelligent trapping algorithms** to perform faster and better trapping. The SMARTTRAPPER helps the user verify the trap result by highlighting areas of interest where attention is needed. It is so fast that automatic trapping and interactive trap editing can finally merge into a seamless workflow.



*Interactive Trapper*



*Flexible Packaging with 3D synchronized view*

**White Underprint** can be used to combine multiple shapes. This speeds up the creation of white, varnish, embossing and braille plates. The **Dimension Lines** automatically create arrows with distances to indicate the size of the design.

**Layers** can be set for viewing, printing and editing as defined in the PDF specifications. PACKZ follows the ISO 19593-1 for standardizing the structure of non-printable objects. Sophisticated selection tools and object stacking functions increase the productivity and user-friendliness of PACKZ.

PACKZ has the ability to create barcodes such as EAN, QR, Data Matrix, Laetus, UTF, PZN, and many more. It also detects most barcodes and their characteristics in supplied design files, so that barcodes can be adapted to conform to the product and printing standards.

## ASSETS

- Central and local separation handling
- Optical barcode and character recognition
- Object based screening and dot gain curves
- Extensive image handling and linking
- Page Box manipulation

PACKZ has intelligent algorithms to convert outlined into editable text, join characters into text blocks, or detect table structures. Along with reliable font embedding, text corrections and search and replace become easy. There are no restrictions on languages or special characters. PACKZ allows to create barcodes such as EAN, QR, Data Matrix, Laetus, UTF, PZN, and many more. It also detects most barcodes and their characteristics in supplied design files, so they can be adapted to conform to product and printing standards.

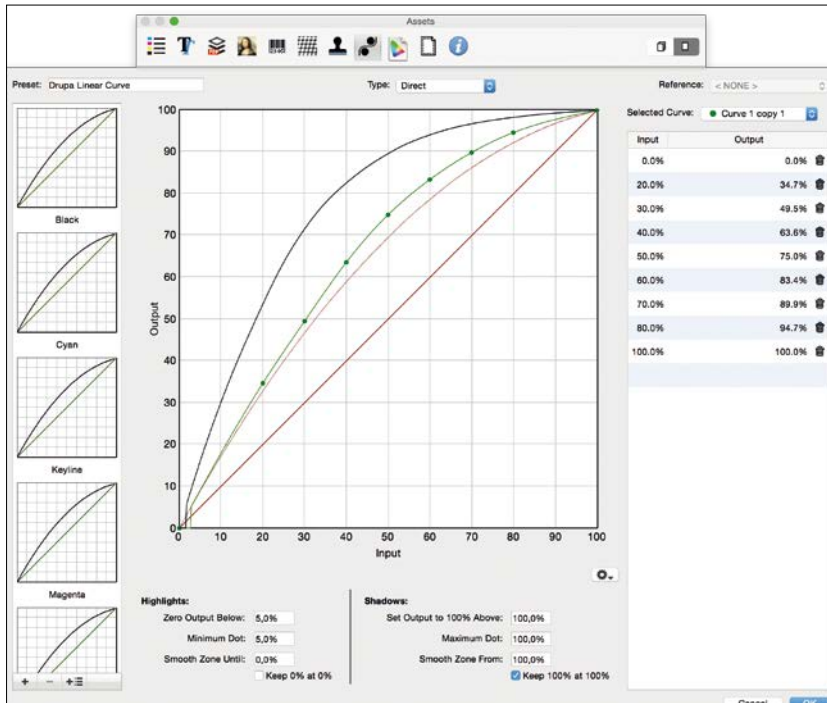
Embedded images are listed along with their characteristics. **The Export to Photoshop®** or Image Extractor function allows retouching and reusing the new image in other applications.

Images in Photoshop PSD, TIFF, EPS and JPEG format containing CMYK, spot colors, RGB, greyscale and LAB can be inserted, replaced or remapped. Image names and their external reference are kept for **round trip correction cycles** between PACKZ and an external image editor, such as Adobe Photoshop™.

PACKZ lists all **screen sets** present in the file and lets users add, modify and remove screening or calibration curves on each single object or separation in the PDF document.

Name	Type	Color Book	Index	Printing Method	%	Area
Cyan			2	Flexo	6,5%	1779,0
Magenta			3	Flexo	5,2%	1418,0
Yellow			4	Flexo	15,5%	4265,0
Black			1	Flexo	13,4%	3687,0
PANTONE 384 C	Spot	PANTONE+ Solid Coated-V2	5	Flexo	10,1%	2783,0
PANTONE 871 C	Opaque	PANTONE+ Metallics Coated	5	Flexo	0,0%	10,0
Keyline	Technical	HYBRID Software	6	Flexo	1,4%	375,0

*Asset window with overview of production information*



Calibration curves with Minimum dot control and Reference curve

## COLOR

- Central or local ink books, CxF3, ICC profiles
- Expanded Gamut Printing
- Link to GMG OpenColor and MatchMyColor
- Curves

**Dot gain compensation or min/max dot control** can be embedded or directly applied on the images, shadings or any object. Separation handling is critical in label and packaging processing. They can be added and removed from embedded PANTONE® libraries or custom color books. 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 and can also separate for **expanded color gamut printing** with device link profiles from most proofing systems.

## LIVE OBJECTS

- Dynamic registration marks
- Customizable job reports and information panels
- Creation of variable designs

Live Objects is PACKZ's innovative technology for making **active information panels, reports, dynamic registration marks and live designs**. It enables the user to rapidly create dynamic objects and connect them to PDF document content or to external data sources.

Colors in this file:		
	Cyan	10.44% 1715,201 mm <sup>2</sup>
	Magenta	8.37% 1374,844 mm <sup>2</sup>
	Yellow	25.01% 4107,700 mm <sup>2</sup>
	Black	21.95% 3605,213 mm <sup>2</sup>
	PANTONE 384 C	16.76% 2753,524 mm <sup>2</sup>
	PANTONE 871 C	0.06% 10,546 mm <sup>2</sup>
Extras:		
	Keyline	1.26% 206,628 mm <sup>2</sup>

Customizable information panels using Live Objects

## ROUNDTRIP

- Reading and writing native Adobe Illustrator™ files
- No need for plug-ins
- Preserve editability

PACKZ users see the entire content in actual resolution. An infinite deep zoom level allows viewing and editing even the smallest objects.

The PACKZ ROUNDTRIP option allows reading and writing **native** Adobe Illustrator™ files. All important information such as document layers, groups, external image links, text blocks, styles, Adobe Illustrator™ and 3rd party metadata are now retrieved and remembered.

## QUALITY ASSURANCE

- Full resolution previews
- Analyze, fix and simplify
- Edit history, incremental save and rollback, compare

PACKZ users see the entire content in actual resolution. An infinite deep zoom level allows viewing and editing even the smallest objects.

The **Analyze, Fix and Simplify** tool can perform checks and automatic fixes on the design at any time. PACKZ has powerful tools for quality assurance. It **tracks all changes** made to the PDF document and visualizes them in the Edit History list. PACKZ saves changes in an incremental way, allowing **roll back** to a previous edit session. The **Compare tool** visualizes the differences between two sessions or PDF documents.

The Densitometer tool allows accurate measurements to find out the total ink coverage, shows the object based screening, and highlights even **screening conflicts**.

## SPECIFICATIONS

- Input: PDF, CF2 CAD, PSD, (un)screened TIFF, IC3D, native AI
- Output: PDF, gravure TIFF, PSD, CF2, IC3D, CIP3, native AI
- Platforms: Windows 7, 8, 10 - Mac OS 10.8, 10.9, 10.10
- Licensing models: local, floating