Specifications

Operating environment

The latest WI-X environment is recommended

OS	Windows® 10 Professional (64 bit)
CPU	Intel® Core™ i5-9600 or higher
Memory	16 GB or higher
HDD	500 GB or higher

Connected software (Acrobat is required for both the combined ES/GS and standalone ES versions)

• Adobe® Acrobat® Pro DC

Product features

		ES/GS combo	ES	GS	BKV	Encrypter
One-time purchase		●	●	●	●	
Subscription purchase			●			●
(1) Editing page processing	Merging overprinting data and background data	●	●			
	Aggregation	●	●			
	Page extraction from imposed PDF	●	●			
	Page addition	●	●			
	Filtering processing	●	●			
	Page sorting	●	●			
(2) Editing parts layout	Variable data source input	●	●		●	
	Layout changes (area extraction and relocation)	●	●		●	
	Variable image control	●	●		●	
	Variable text insertion	●	●		●	
	Serial number output (creation of character strings for management in margins, etc.)	●	●		●	
	Barcode creation (mail, QR code, NW-7, CODE39/128, GS1-128, convenience store barcode, EAN8 8/13, JAN8/13, UPC-A/UPC-E, Data Matrix, ITF, GS1 DataMatrix, PDF417, Micro QR Code)	●	●		●	
	Multi-page variable object settings	●			●	
	Tables	●			●	
	Variable object settings for each layer	●	●			
	Mask processing (conditions can be set)	●	●		●	
(3) Editing imposition schemes	Cut and stack	●	●			
	Addition of parts (register marks, etc.)	●	●			
	Addition of variable parts (barcodes, serial numbers, etc.)	●	●			
	Divided output of multiple files	●	●			
(4) Editing output (PDF output only)	Merge output of multiple PDF files	●	●			
	Variable object output for each layer	●	●	●		
(5) Editing data for labels	Editing K separation variable data	●	●		●	
	Inverted N-shaped layout / Z-shaped layout data assignment	●	●		●	
	Data encryption (prevention of digital data diversion)					●
(6) Other edits	Customization via external module	●	●			
(7) Automatic execution environment	Hot folder input	●		●		
	Variable data source input	●		●		
	Variable image resetting	●		●		
	Sorting to multiple hot folders	●		●		

GS is an application for automatically executing rule files created and edited in ES using a range of functions.

PDFormstudio

PDF Print Solution Software

Simpler, More Flexible Variable Data Printing

The QR code on the right can be used to check whether this brochure is the latest version.

No.202-204E V2-E SCI 06-21
Printed by the Truepress Jet520HD+ / SC inks

SCREEN

CREATING A FUTURE IN PRINT

# Smart, flexible creation of diverse variable print data

The world around us is currently experiencing a period of rapid change, with diversity increasing in every area from individual lifestyles to society as a whole. This shift is also driving a growing interest in the personalization of printed media, a high-impact marketing technique designed to appeal to the preferences of individual consumers. For printing companies, the transition has led to a dramatic upturn in the use of variable printing, which provides an ideal solution to these new needs.

PDFormstudio is a ground-breaking software solution that transforms how variable printing is performed.

It enables both quicker and easier creation of the PDF data for a wide variety of variable print materials, from labels to direct mail and leaflets. This previously time-consuming process can now be executed in one highly efficient operation.

PDFormstudio is extremely versatile and can be used with equipment ranging from toner to roll-fed inkjet systems. It also features a wealth of functions required for variable printing, including composition and aggregation tools as well as the creation of many types of barcodes and serial numbers.

This is an ideal solution for printing companies wanting to position themselves at the forefront of variable printing and take their business to a new level.

PDFormstudio

TRANSACTION
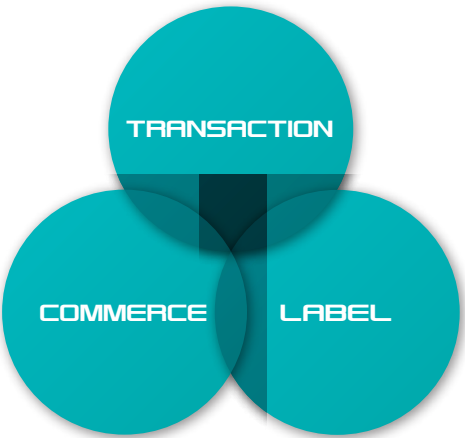
COMMERCE   LABEL

Ideal for three applications

PDFormstudio is specially designed for use in transactional printing (targeting direct mail), commercial printing (targeting publishing) and also label printing, making it fully compatible across all three of these diverse applications. Version 2.0 is now available, with a variety of even more user-friendly features.

The software can now be used for a fixed monthly fee under a new subscription service. The plan offers an effective way to significantly reduce initial investment costs.

*The subscription plan only applies to **PDFormstudio ES** and **PDFormstudio Encrypter**.*
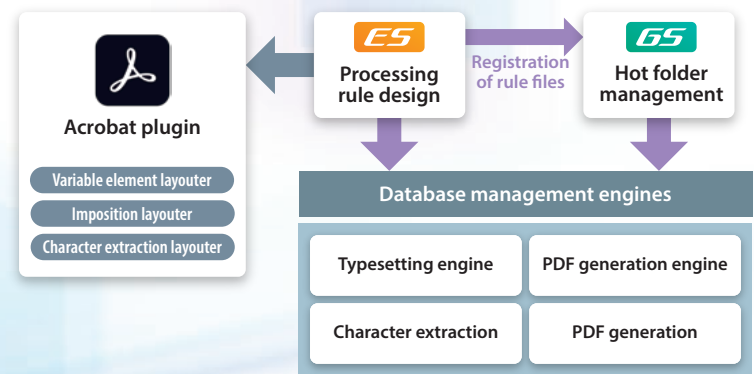

Easy & High performance

▶ Point 1   Highly efficient variable data creation and editing

Seamless linking of PDFormstudio ES and GS

PDFormstudio is comprised of two separate programs, PDFormstudio ES and PDFormstudio GS. ES is designed to simplify the creation of processing rules for print data production. This includes the setting of processes to handle client requests related to, for example, variable instructions, composition and aggregation as well as the imposition, mark and barcode processing required for postpress. Meanwhile, GS provides hot folder functions. ES can be operated independently, however, combining it with GS enables even larger amounts of variable data to be processed quickly and easily.

ES is required to use GS.

ES Processing rule design → Registration of rule files → **GS** Hot folder management

Acrobat plugin
- Variable element layouter
- Imposition layouter
- Character extraction layouter

Database management engines

Typesetting engine	PDF generation engine
Character extraction	PDF generation

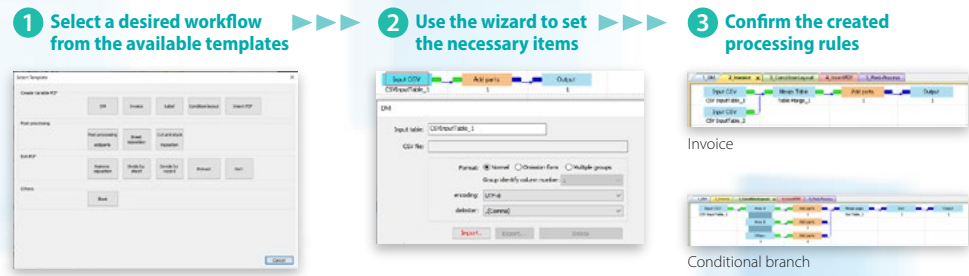**Automatic processing using hot folders**

The output conditions for individual jobs can be registered to hot folders. These processing rules do not need to be input each time output is performed. Simply dragging and dropping the relevant CSV data into a hot folder will enable high-speed automatic creation of variable data.
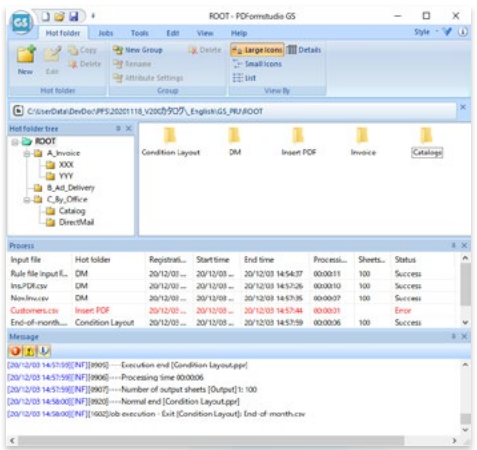
▶ Point 2   Easier operation with fewer processing steps

Streamlined rule creation using a wizard interface

PDFormstudio has been specifically developed to reduce the number of operations required when creating processing rules and to provide intuitive, user-friendly operation overall. It uses a wizard format that allows the operator to simply choose a desired workflow from a range of templates and then select the items to be set after confirming their individual details. As well as simplifying operation, this helps to ensure the created processing rules are free from errors.

① **Select a desired workflow from the available templates** ▶▶▶ ② **Use the wizard to set the necessary items** ▶▶▶ ③ **Confirm the created processing rules**

Invoice

Conditional branch

▶ Point 3   Flexible addition of an extensive range of accessories

Precise placement of a wide variety of barcodes *New*

A total of 13 different types of barcode can be output. A preview function is also available for checking their actual size and location once they are positioned. This ensures quick, trouble-free placement of each code.

Individual accessories ↔ Parameter adjustment

Available barcodes
Mail, QR Code, NW-7, CODE39/128, GS1-128, convenience store barcode, EAN8 8/13, JAN8/13, UPC-A/UPC-E, DataMatrix, ITF, GS1 DataMatrix, PDF417, Micro QR Code
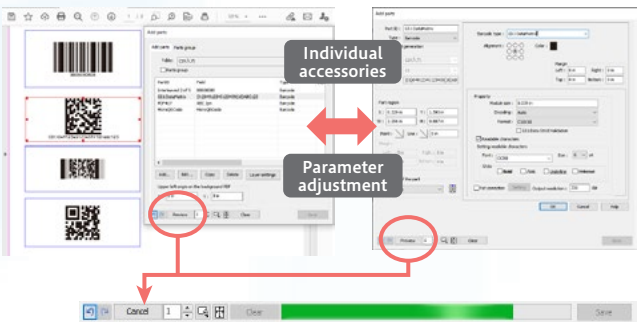
TRANSACTION

Aggregation, sorting

Accessories (barcodes)
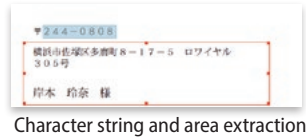
Character string and area extraction
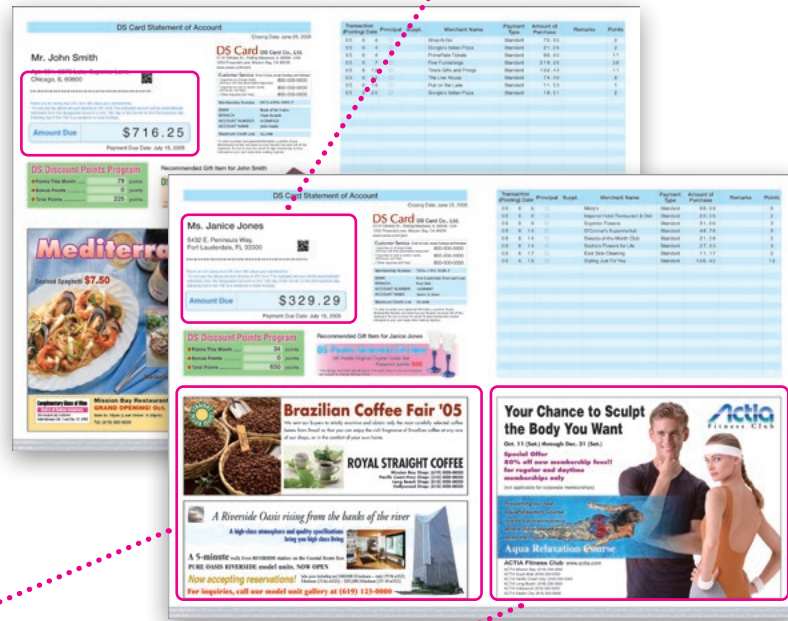
Variable data 1

Variable data 2

## Simplified creation of variable data for diverse tools from invoices to pamphlets

Automatic aggregation, sorting and combination with backgrounds

PDFormstudio enables aggregation and sorting of data based on extracted character strings for ID and page numbers, postal codes, names, addresses and a variety of other information. Combined processing with background data and addition of variable images can be performed as required.

Input PDF   Background data   Variable image   Output result
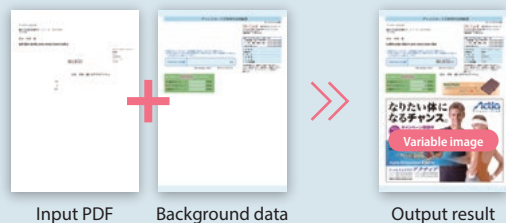
Highly convenient cut and stack imposition functions

A wide range of flexible cut and stack imposition settings are available whenever they are needed for transaction printing. Many barcodes and accessories required for postpress can also be output, ensuring comprehensive support for this part of the workflow.
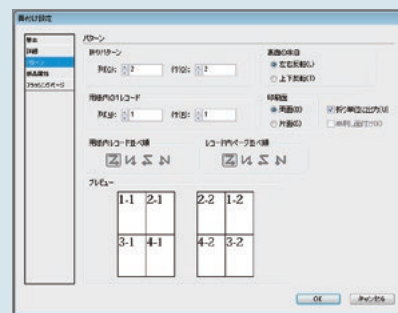
Imposition settings

Purchase plan for transaction printing

- Packages: PDFormstudio Ver. 2.0 ES
  PDFormstudio Ver. 2.0 GS
  PDFormstudio Ver. 2.0 ES/GS (combined version)

Compatible systems

- Any POD (toner)
- Truepress Jet520 series

COMMERCE

Accessories (barcodes and trim marks)

Variable data
(background design replacement)

Variable data 2

Variable data 1

Accessories (barcodes)

Easy to use typesetting functions *New*

Typesetting can be performed easily using a very similar process to Microsoft Word. Variable character composition, variable tables and font attribute setting are all supported, as is the specification of cell colors and line widths required for the creation of materials such as invoices. These features provide a full range of design expression in all areas.

Basic menu   Extended attribute list   Switch content by character or paragraph

Insert variable elements
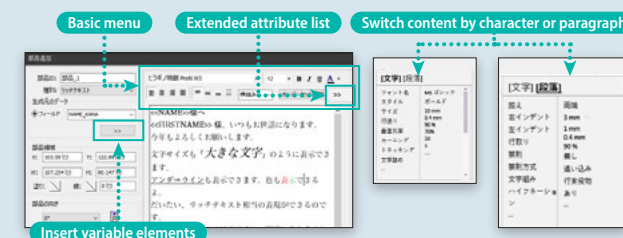
Processing of multi-page PDFs *New*

For materials with many pages, accessories such as barcodes can be placed on any desired page while additional pages can also be inserted. These features make it easy to customize documents such as manuals or reference books for specific individuals.

CSV files
Barcode 1
Barcode 2

PDFormstudio

P.1 P.2 N

Purchase plan for commercial printing

- Packages: PDFormstudio Ver. 2.0 ES
  PDFormstudio Ver. 2.0 GS
  PDFormstudio Ver. 2.0 ES/GS (combined version)
- Subscription: Fixed term usage of PDFormstudio ES

Compatible systems

- Any POD (toner)
- EQUIOS PT-R, Truepress Jet520 series

LABEL

Easy creation of an extensive range of labels for any application

- Glue labels
- Adhesive labels
- Wrap around labels
- Security labels
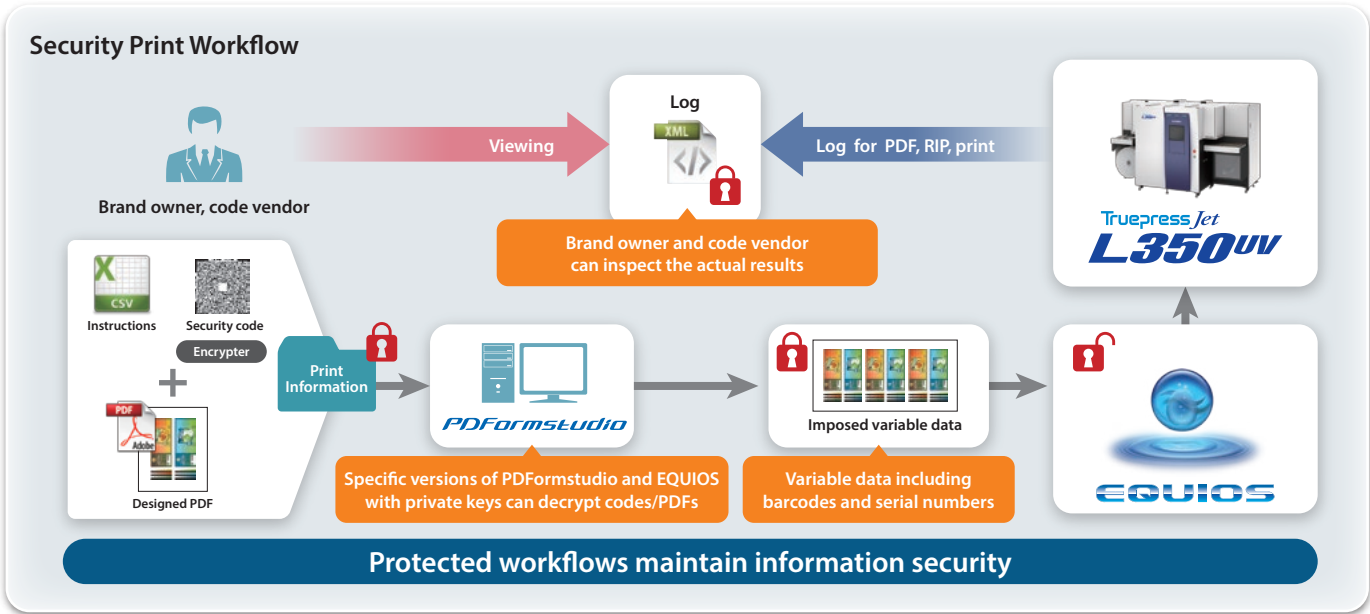- Additional printing, etc.

Variable data
(background design replacement)

Multi Vitamin
BEAUTY FORMULA
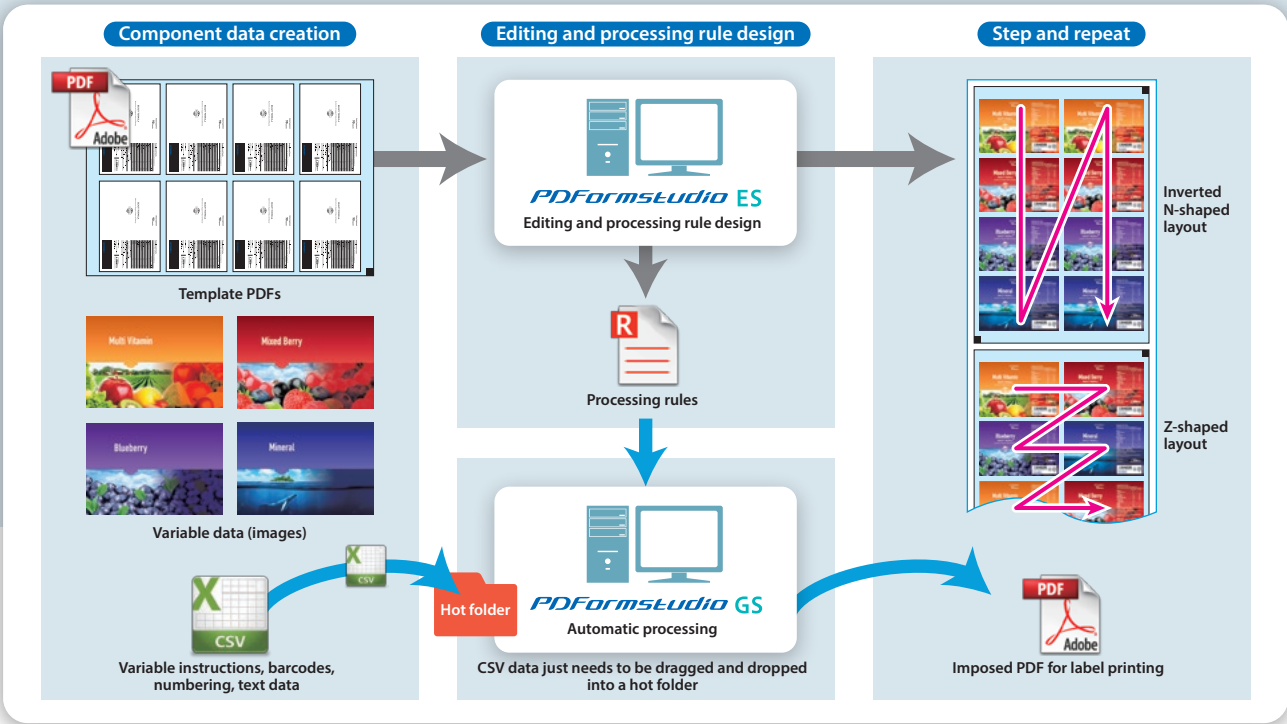Nutrients to Support Natural Beauty
90 Capsules

Mixed Berry
BEAUTY FORMULA
Nutrients to Support Natural Beauty
90 Capsules

Blueberry
BEAUTY FORMULA
Nutrients to Support Natural Beauty
90 Capsules

Mineral
BEAUTY FORMULA
Nutrients to Support Natural Beauty
90 Capsules

Accessories
(barcodes, serial numbers)

Accessories (barcodes, serial numbers)

Accessories (barcodes, security codes)

Reading the code allows the authenticity of a product to be checked

Security Print Workflow

Brand owner, code vendor

Viewing → Log XML → Log for PDF, RIP, print

Brand owner and code vendor can inspect the actual results

Instructions — Security code — Encrypter
Print Information

Designed PDF

PDFormstudio

Specific versions of PDFormstudio and EQUIOS with private keys can decrypt codes/PDFs

Imposed variable data

Variable data including barcodes and serial numbers

Truepress Jet L350UV

EQUIOS

Protected workflows maintain information security

Workflow for creation of variable label data

Component data creation

Template PDFs

Variable data (images)

Variable instructions, barcodes, numbering, text data

Editing and processing rule design

PDFormstudio ES
Editing and processing rule design

Processing rules

PDFormstudio GS
Automatic processing

Hot folder

CSV data just needs to be dragged and dropped into a hot folder

Step and repeat

Inverted N-shaped layout

Z-shaped layout

Imposed PDF for label printing

High-speed creation of variable label data

Once the template PDFs, variable images and other component data are created, the processing rules only need to be set in ES to rapidly complete the creation of PDF data. If output conditions are registered in advance using GS's hot folder function, this process can be finished even more quickly and easily.

Supported formats for variable image data	PDF, TIFF, BMP, JPEG, PNG, GIF, JPEG 2000

Selection of inverted N- or Z-shaped layout

Z-shaped layout is now available as a function for imposing label printing data, in addition to inverted N-shaped layout. This addition means the format can be flexibly switched between the N and Z shapes to suit the postpress system, supporting the creation of an even wider variety of labels.

Variable output of black and color plates

Black plate variable output for printing barcodes and numbering is available in PDFormstudio ES. This makes it possible to output only the variable data for black plates, helping to reduce initial investment costs. Functions for variable color processing of multi-page PDFs and output of variable spot color plates have also been added to provide improved handling of a greater range of label printing needs.

Risk avoidance in security printing

A Security Print Workflow involves first positioning codes prepared by code vendors as objects in PDFormstudio and then outputting formatted PDFs. After this, the data is encrypted in all steps up until prepress processing is executed in EQUIOS. This system ensures the security of print data is maintained throughout the entire flow.

Available with the Truepress Jet L350UV series

Purchase plan for label printing	• Packages: PDFormstudio ES_J BKV, PDFormstudio Ver. 2.0 ES/GS (combined version), PDFormstudio Ver. 2.0 ES, PDFormstudio Ver. 2.0 GS • Subscription: Fixed term usage of PDFormstudio ES • Security Print Workflow: Fixed term usage of PDFormstudio_Encrypter

Compatible systems

• Truepress Jet L350 series