

# **Haiyaa Hangtag Prepress Solution Step by Step**

(August, 2021)

# Example



品名: 羽绒服  
款号: 22641407220390105  
号型: 175/92A L  
颜色: 黑色  
计价单位: 件  
执行标准: GB/T14272-2011  
产品安全类别: GB18401 C类  
等级: 合格品 检验员: 01

## 成分

面料: 53.3%棉  
39.5%聚酯纤维  
7.2%锦纶  
里料: 100%聚酯纤维  
内胆: 100%聚酯纤维  
帽子填充物: 100%聚酯纤维  
填充物: 灰鸭绒  
含绒量: 90%  
充绒量(克): 103



22641407220390105

RMB: 579.00

成分: 63.5%聚酯纤维  
36.5%棉  
填充物: 黑鸭绒  
含绒量: 90%  
充绒量(克): 103

面层: 100%棉  
底层: 95.6%聚酯纤维  
4.4%氨纶(含粘合剂)  
填充物: 蓝鸭绒  
含绒量: 102%  
充绒量(克): 115

面料: 面层:100%棉  
底层: 95.6%聚酯纤维  
4.4%氨纶(含粘合剂)  
帽里: 面层:100%棉  
底层: 95.6%聚酯纤维  
4.4%氨纶(含粘合剂)  
填充物: 红鸭绒  
含绒量: 96%  
充绒量(克): 109

面料: 63.5%聚酯纤维  
36.5%棉  
帽里: 63.5%聚酯纤维  
36.5%棉  
填充物: 黄鸭绒  
含绒量: 108%  
充绒量(克): 121

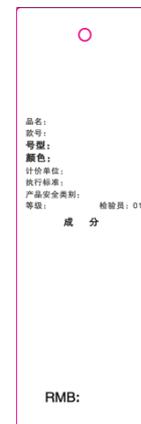
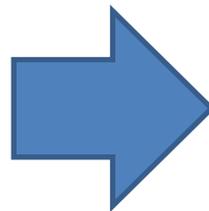
成分: 50.2%棉  
49.8%聚酯纤维  
(含微量其他纤维)  
填充物: 浅蓝鸭绒  
含绒量: 114%  
充绒量(克): 127

\* Dynamic length and variable  
content composite part

# Step1: Template preparation(1)

\*Template for design\*Template for production

- Extract the template for design and production from the brand owner's or garment manufacturer's Designing Description. Software: third-party, e.g. Illustrator or CorelDraw (See operator's preference)
- **Template for design** – used to match designing as the bottom.
- **Template for production** – used to do the final production.



Template for design with full content, 1-page or 2-page(front /back) PDF

Template for production, remove variable parts

# Step1: Template preparation(2)

## \*Template for proofing

- Extract the template for proofing from the brand owner's or garment manufacturer's Designing Description. Note: Leave the variable remark parts as blank, later Haiyaa will fill up this information using the data file. At the same time, Haiyaa will also automatically generate another kind of marks, such as Date and Pages. Software: third-party, e.g. Illustrator or CorelDraw (See operator's preference)



# Step2: Data preparation

## \*Mainly order Excel file

### ● Data to be prepared includes

- Data integration: **line format Excel** instead of Purchased Order form Excel or PDF. All of automatic designing software only accept line format data.

I	J	K	L	M	N	O	P
产品安全类别	类型	等级	价格	成分1	成分2	成分3	成分4
·B18401	C类	合格品		579 成分: 63.5%聚酯纤维 36.5%棉	填充物: 黑鸭绒	含绒量: 90%	充绒量(克): 103
·B18401	C类	合格品		579 成分: 63.5%聚酯纤维 36.5%棉	填充物: 黑鸭绒	含绒量: 90%	充绒量(克): 103
·B18401	C类	合格品		579 成分: 63.5%聚酯纤维 36.5%棉	填充物: 黑鸭绒	含绒量: 90%	充绒量(克): 103
·B18401	C类	合格品		579 成分: 63.5%聚酯纤维 36.5%棉	填充物: 黑鸭绒	含绒量: 90%	充绒量(克): 103
·B18401	C类	合格品		579 成分: 63.5%聚酯纤维 36.5%棉	填充物: 黑鸭绒	含绒量: 90%	充绒量(克): 103
·B18401	B类	合格品		589 面料: 面层:100%棉 底层: 95.6%聚酯纤维 4.4%氨纶(含粘合剂) 帽里: 面层:100%棉 底层: 95.6%聚酯纤维 4.4%氨纶(含粘合剂)	填充物: 红鸭绒	含绒量: 96%	充绒量(克): 109
·B18401	B类	合格品		589 面料: 面层:100%棉 底层: 95.6%聚酯纤维 4.4%氨纶(含粘合剂) 帽里: 面层:100%棉 底层: 95.6%聚酯纤维 4.4%氨纶(含粘合剂)	填充物: 红鸭绒	含绒量: 96%	充绒量(克): 109
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·B18401	A类	合格品		599 面层: 100%棉 底层: 95.6%聚酯纤维 4.4%氨纶(含粘合剂)	填充物: 蓝鸭绒	含绒量: 102%	充绒量(克): 115
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·B18401	A类	合格品		599 面层: 100%棉 底层: 95.6%聚酯纤维 4.4%氨纶(含粘合剂)	填充物: 蓝鸭绒	含绒量: 102%	充绒量(克): 115
·B18401	D类	合格品		699 面料: 63.5%聚酯纤维 36.5%棉 帽里: 63.5%聚酯纤维 36.5%棉	填充物: 黄鸭绒	含绒量: 108%	充绒量(克): 121
·B18401	D类	合格品		699 面料: 63.5%聚酯纤维 36.5%棉 帽里: 63.5%聚酯纤维 36.5%棉	填充物: 黄鸭绒	含绒量: 108%	充绒量(克): 121
·B18401	D类	合格品		699 面料: 63.5%聚酯纤维 36.5%棉 帽里: 63.5%聚酯纤维 36.5%棉	填充物: 黄鸭绒	含绒量: 108%	充绒量(克): 121
·B18401	D类	合格品		699 面料: 63.5%聚酯纤维 36.5%棉 帽里: 63.5%聚酯纤维 36.5%棉	填充物: 黄鸭绒	含绒量: 108%	充绒量(克): 121
·B18401	D类	合格品		699 面料: 63.5%聚酯纤维 36.5%棉 帽里: 63.5%聚酯纤维 36.5%棉	填充物: 黄鸭绒	含绒量: 108%	充绒量(克): 121
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	RFID		
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3001	455018205001	4990 50 P00001 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3002	455018205002	4990 50 P00001 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3003	455018205003	4990 100 P00001 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3004	455018205004	4990 100 P00001 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3005	455018205005	4990 50 P00001 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3006	455018205006	4990 150 P00002 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3007	455018205007	4990 150 P00002 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3008	455018205008	4990 150 P00002 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3009	455018205009	4990 50 P00002 KH 1
·B18401	E类	合格品		799 成分: 50.2%棉 49.8%聚酯纤维 (含微量其他纤维)	A9S3010	455018205010	4990 200 P00002 KH 1

- Software: **Haiyaa AccountDB Cloth Label**

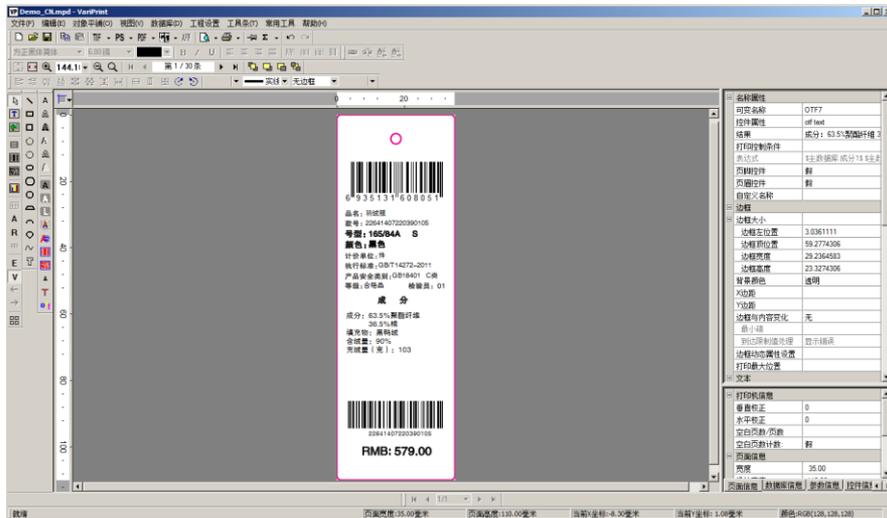
- **Very special format data:** need manually integration or need to develop a customization tool.

# Step3: Artwork SKUs PDF

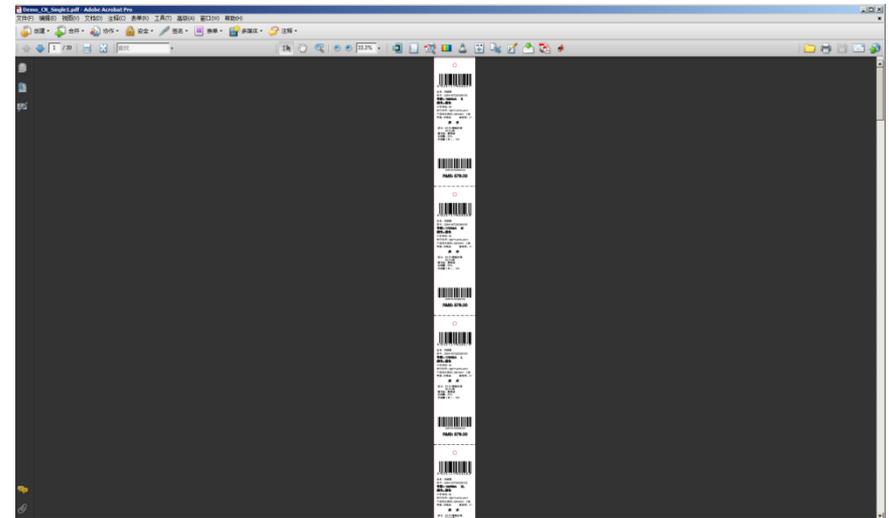
\*Error free\* One project file covers all of composite styles

## ● Software: Haiyaa VariPrint

- Import the [template for design](#).
- Open the [data file](#).
- Use variable controllers to design the boxes, like text, image and barcode, and link to data file.
- Output the artwork PDF with the template as the background, repeatedly compare with the required effect and adjust.
- Finally replace with the [template for production](#) and output the final multi-SKU multi-page PDF.



VariPrint GUI



Multi-SKU multi-page artwork PDF without imposition

## Special features:

- 1) Built-in all of popularly used composite layout style options as well as allow freely customization.
- 2) Built-in over 130 kinds of functions to do online data logic processing.
- 3) One project file covers all of composite styles, no need to split order Excel, no need to prepare many project files.

# Step4: Proofing artwork PDF

\*No need to cut-paste operation \*Just one click

## ● Software: Haiyaa TAGProof

- Import the [template for proofing](#), open the [data file](#).
- Configure the rule of layout and add all of marks you need. Once configuration done, save it for repeatedly use in the future.
- Select multi-SKU multi-page PDF, select order Excel, just click Confirm to generate the proofing artwork PDF.

The screenshot displays the Haiyaa TAGProof software interface. The main window shows a grid of product labels for various SKUs, including 160800, 160806, 160807, 160808, 160809, 160810, 160811, and 160812. Each label includes a barcode, product name, and price (RMB: 579.00). The right-hand side features a 'Label Property Configuration' (签样属性配置) panel with various settings for labels, barcodes, and fonts. A red arrow points from the 'Confirm' button in this panel to the final proofing artwork PDF, which is a multi-page PDF showing the final layout of the labels.

TAGProof GUI

Final proofing artwork PDF

## Special features:

Built-in all of popularly used proofing artwork layout style options as well as allow freely customization. Just click to generate the final PDF.

# Step5: Imposition for digital printing

\*Continuously imposition\*One SKU one page

## ● Software: Haiyaa VariPrint

- VariPrint built-in all of popularly used imposition styles, such as sequence imposition, stack imposition and free style imposition.
- 2 types of imposition styles for hangtag digital printing.
  - Continuously imposition. Note. Use sequence imposition option. The date file shall be expanded according to QTY by VariPrint in advance.
  - One SKU one page, that means same SKU on one imposition page.

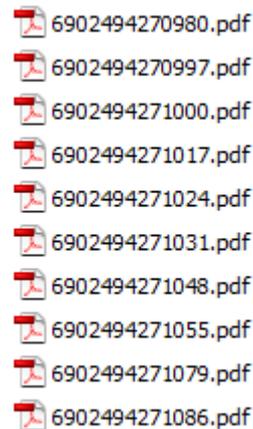
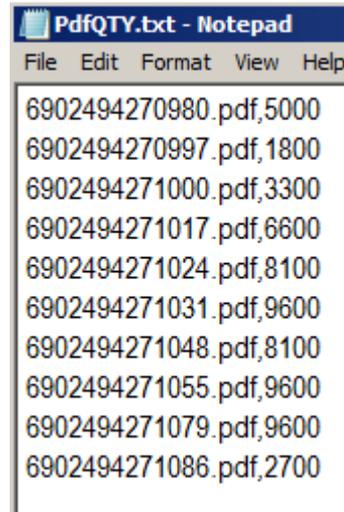


**Special features:**  
Fully automation

# Step6: Application for UV Inkjet

\*Outline slimming\* Split multi-SKU multi-page PDF to single PDF

- Software: Haiyaa Variable Object outline, Haiyaa AccountDB
- Single-SKU single-page PDF
- Quantity description file



**Special features:**  
Fully automation

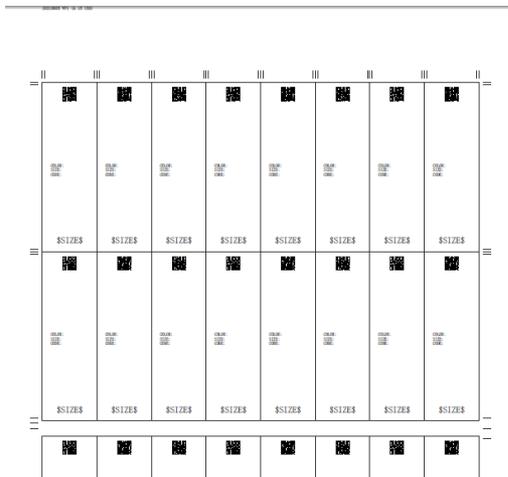
# Step7: Imposition for offset printing

\*Gang imposition according to each SKU's QTY\* Save plate save paper

- Software: Haiyaa TAGImposer
- Built-in all of imposition remarks, allow freely adding customer's own marks.
- Finally print to 3 formats PDF.



**Special features:**  
Fully automatic gang imposition in most economical way



1) Marks Page PDF

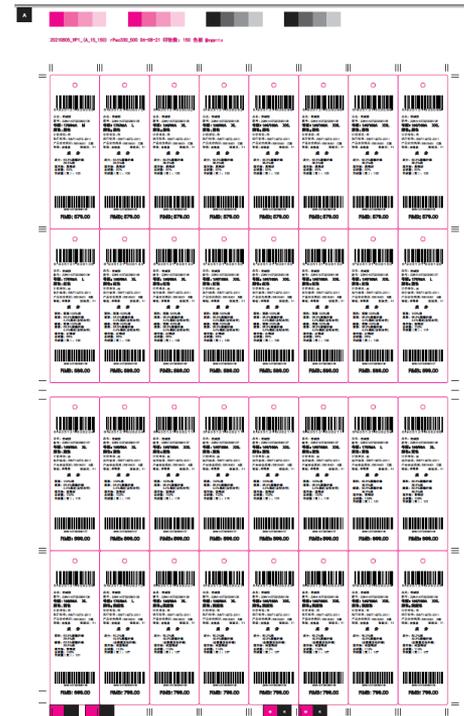
JobTicket

Haiyaa	
纸张尺寸:	200.00 * 350.00
纸张规格:	300g

制版详细信息				
打印份数:	100	排版个数:	32	
规格个数:	15	单面/双面:	单面	
规格名称	排列个数	订单数	实际打印数	多印份数
693513160806	1(1-1)	100	150	50
693513160807	1(2-2)	150	150	0
693513160808	2(3-4)	300	300	0
693513160809	4(5-8)	560	600	40
693513160813	1(9-9)	150	150	0
693513160814	2(10-11)	300	300	0
693513160815	4(12-15)	560	600	40
693513160819	1(16-16)	150	150	0
693513160820	2(17-18)	300	300	0
693513160821	4(19-22)	560	600	40
693513160825	1(23-23)	150	150	0
693513160826	2(24-25)	300	300	0
693513160831	1(26-26)	150	150	0
693513160832	2(27-28)	300	300	0
693513160833	4(29-32)	560	600	40

2) Job Ticket PDF

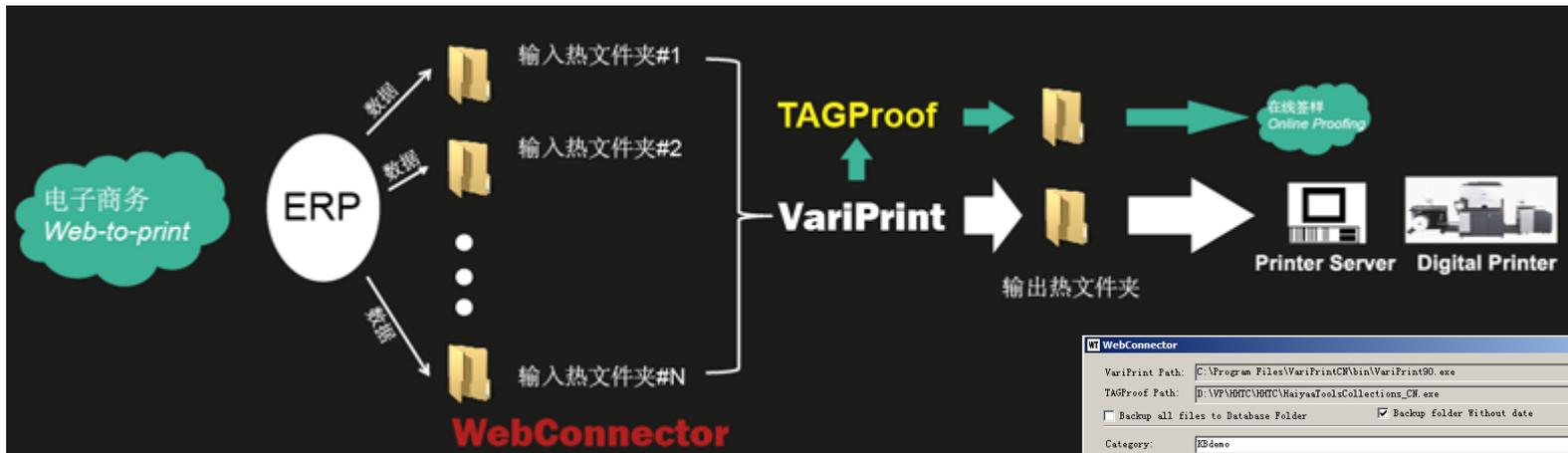


3) Job PDF (Auto Mirroring support for both side variables)

# Hot folder workflow1

\*From order Excel to SKUs PDF and proofing artwork PDF directly

- Software: Haiyaa WebConnector

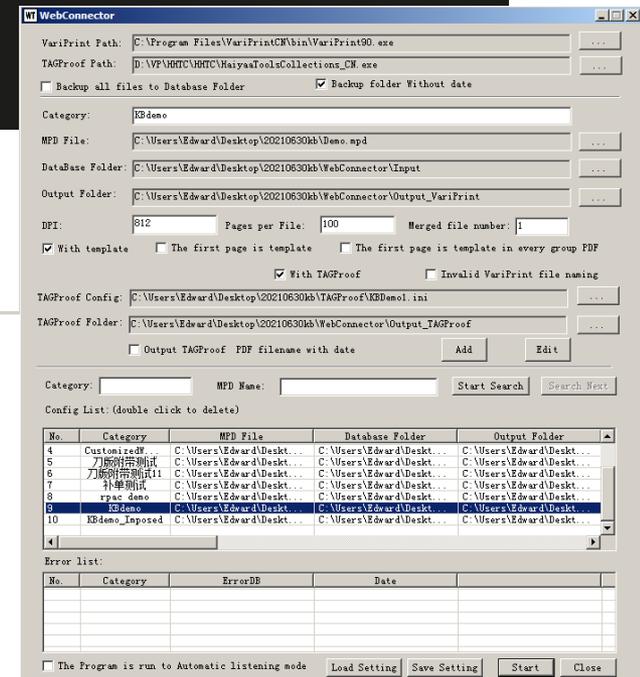
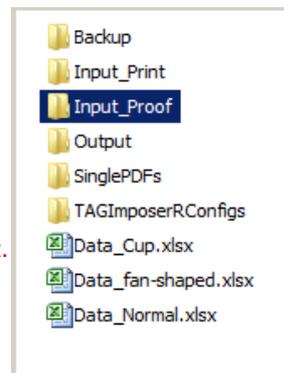


- Preparation
  - Design the project file by [VariPrint](#)
  - Set the proofing layout configuration by [TAGProof](#)
  - Use [WebConnector](#) to open a data input hot folder and bind it with above two files.

## — Daily operation

- Start [WebConnector](#) and let it be stand-by.
- Drag the order Excel into the hot folder.
- The rest of work will be done at the background automatically.

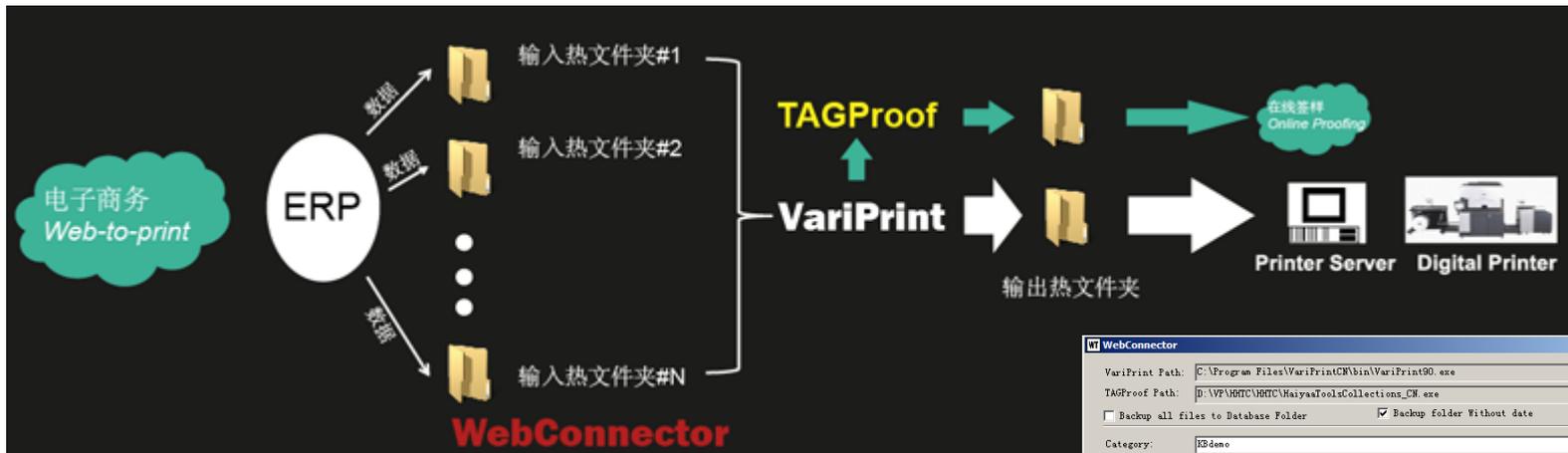
Note: The workflow can be used to connect with ERP and web-to-print.



# Hot folder workflow2

\* From order Excel to general imposition style PDF directly

- Software: Haiyaa WebConnector



## Preparation

- Design the project file by [VariPrint](#).

Note: all of general imposition parameters need to be set in advance inside [VariPrint](#).

- Use [WebConnector](#) to open a data input hot folder and bind it with above project file.

## — Daily operation

- Same as last slide

