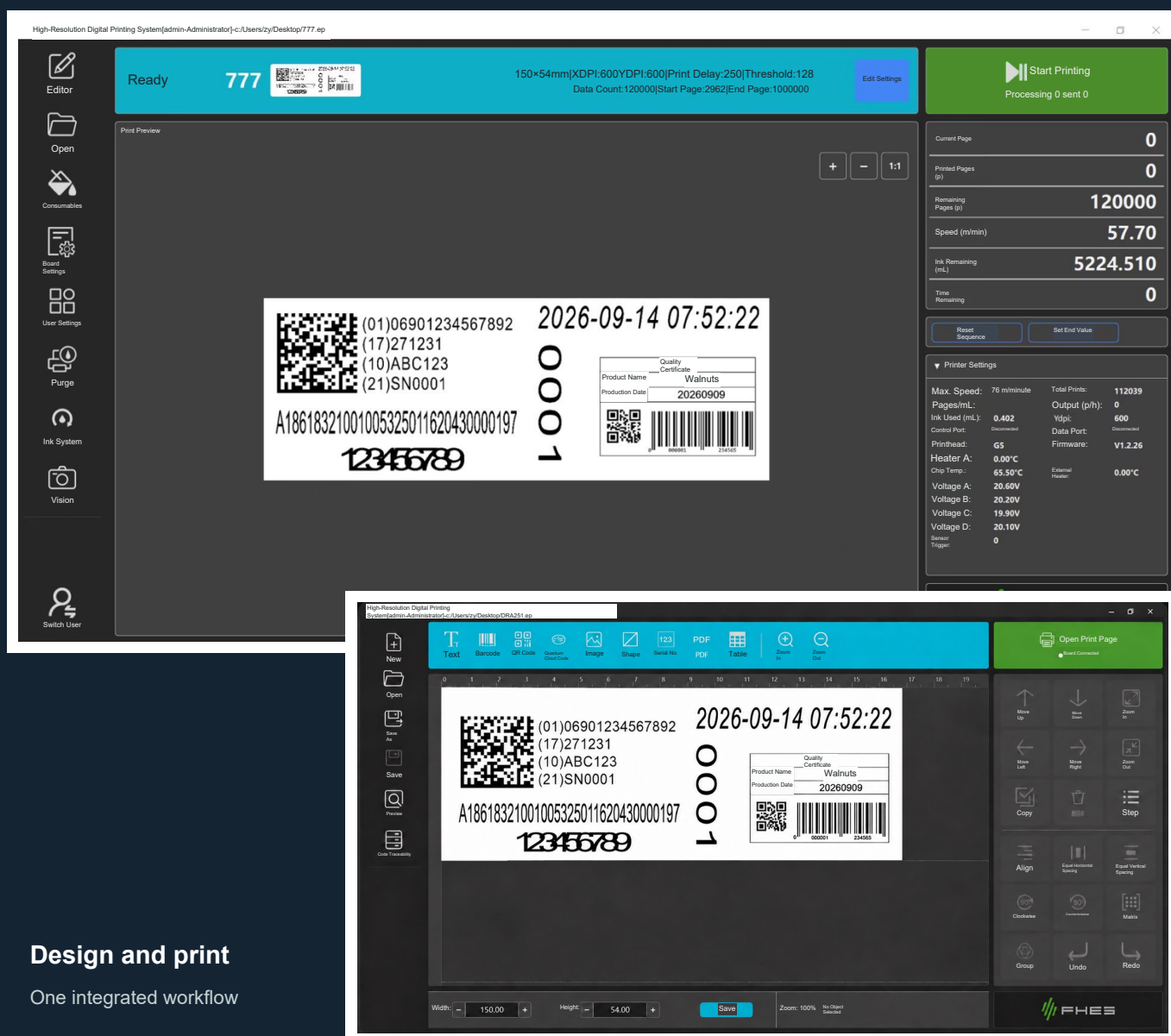


SOFTWARE FOR INDUSTRIAL CODING

Easyprint

From layout design to production-line printing

Variable data · Real-time monitoring · Cross-platform deployment

**Design and print**

One integrated workflow

PRODUCT CATALOGUE / 2026.09

01 / Software positioning

One software workflow connects content and production

Easyprint brings layouts, variable data, print jobs and operating status into one workflow.

01 / DESIGN

Design the layout

Combine text, barcodes, QR codes, images and tables on a visual canvas, then save the layout as an .ep template.

02 / DATA

Add variable data

Generate dates, shifts, serial numbers and external data according to object rules, reducing repeated layout work.

03 / PRINT

Send the print job

Send the rendered output to the print controller board and monitor page count, line speed, ink level and printhead status.

04 / CHECK

Verify the result

Configure visual inspection and traceability for the project, record results and connect them to production responses.

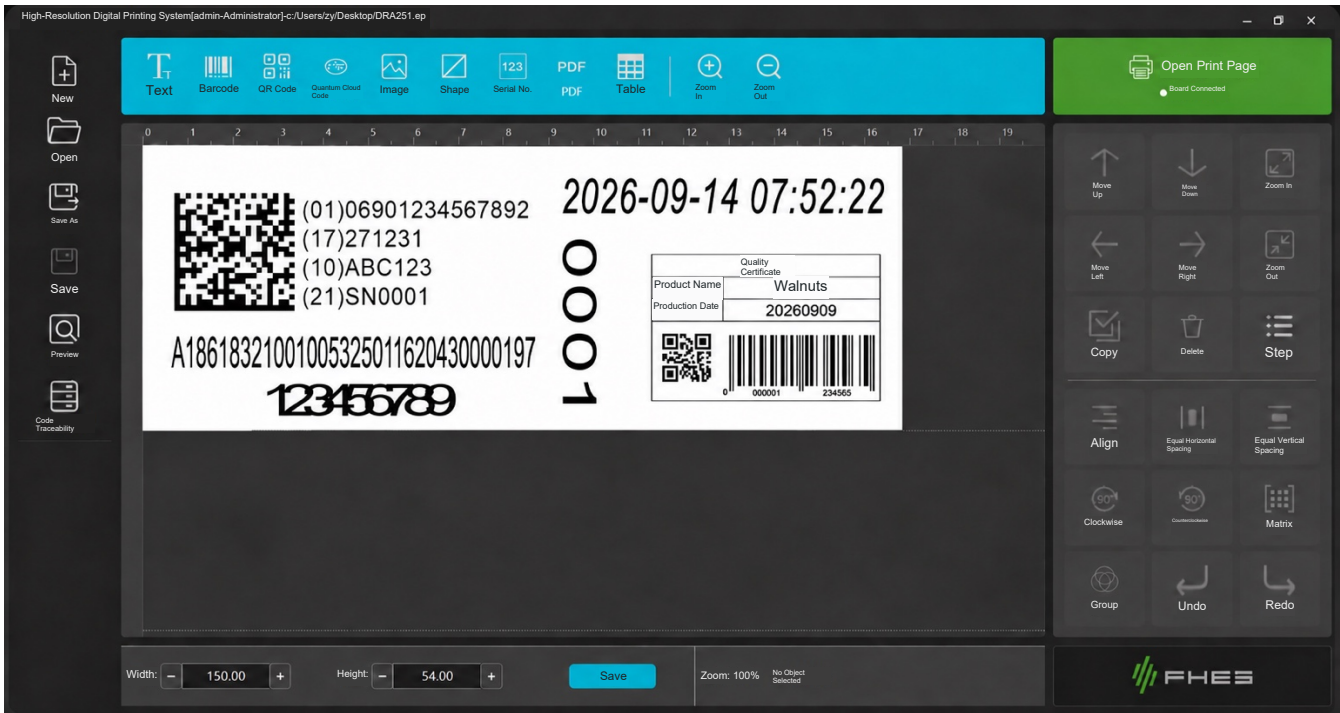
Support the entire print job

When content changes, update the template or data source. During production, view the preview, job settings and equipment status on the print screen. Available screens and functions depend on the operating mode, printhead configuration and licensed features.

02 / Visual layout editing

Turn complex markings into reusable templates

Standard mode provides a what-you-see-is-what-you-get editor for lines that frequently change products, content or batches.



Example of the standard-mode editing screen

Object Organization	Text, pictures, PDF, tables, one-dimensional code and two-dimensional code can be grouped by layout.
Template reuse	Saves as .ep templates, and pictures can be embedded in templates to facilitate cross-work transfer.
Details Adjustments	Painter scaling, object movement, alignment and spacing settings to match the print preview.

The illustration shows standard mode. LabelBridge driver mode receives jobs from external design software and does not display this template editor.

03 / Variable data

Use one layout for multiple jobs with task-specific content

Manage the fixed layout separately from changing data for continuous coding, batch changes and traceability.

Time and Sequence	Generate dates, times, shifts, page numbers and serial numbers according to defined rules.
External sources	TXT, Excel, database fields and content released from the upper-place machine can be used as data sources.
Encoding Contents	Barcodes, QR codes and GS1 data can be combined with human-readable text.
Object Association	Text can reference QR-code data; GS1 human-readable content is grouped by application identifier.
Job switching	Save templates and parameters by product and batch to reduce the burden of duplicate editing.

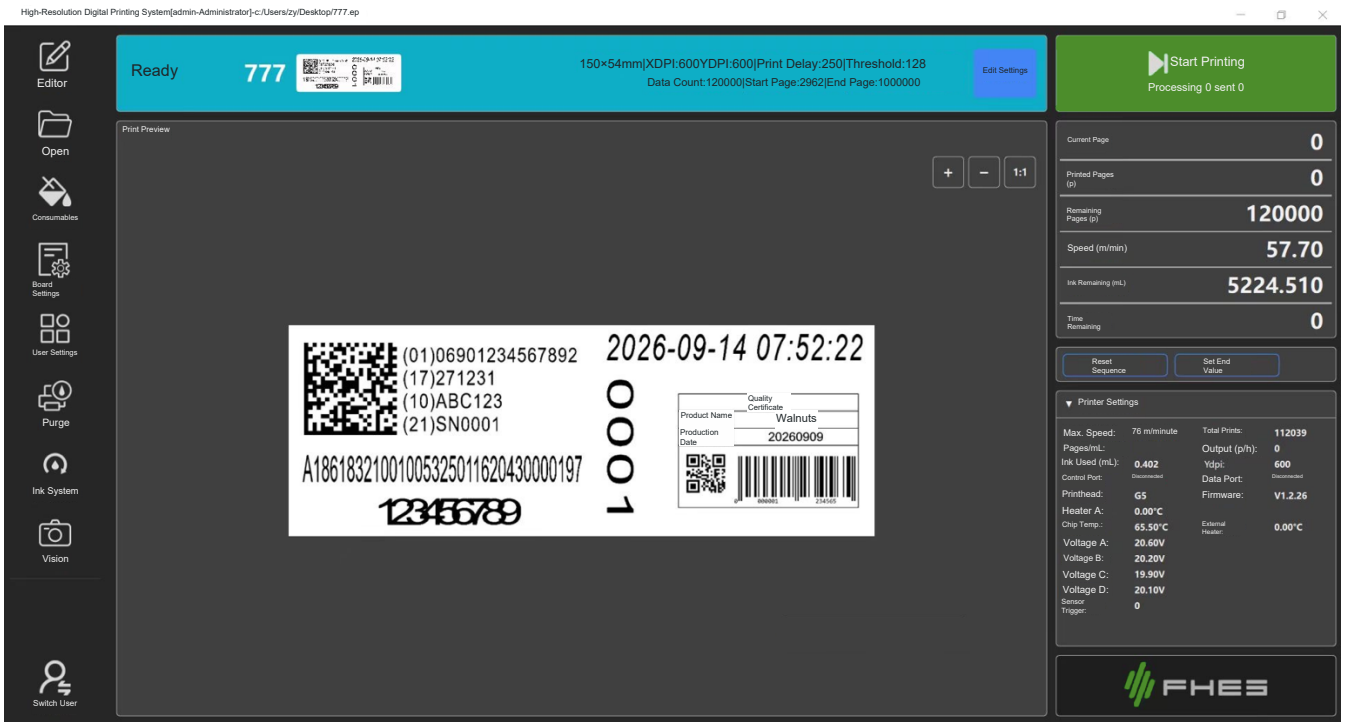
Typical applications

Use one label structure for different production dates, batch numbers and serial numbers. Retrieve data from a database or code package, print it, and set up a data verification process as required by the project.

04 / Production monitoring

See production status at a glance

The print screen displays the preview, job settings, page progress and equipment status together for operators on the line.



Example print screen; the status and numerical values are for demonstration only.

Job Preview

printing content and layout are visible before printing.

Run Statistics

Current page, printed pages, remaining pages, speed and remaining ink.

Device Parameters

printhead type, temperature, rereading voltage and interface state are shown by equipment configuration.

Values such as 57.70 m/min shown in the screenshot describe that demonstration job; they are not fixed Easyprint performance specifications.

Choose the software environment to suit the production line

The Windows and Ubuntu versions have the same functions and share templates. The licensed delivery configuration determines the operating mode.

01 / WINDOWS

Windows version

Compatible with Windows 10/11 for peripheral drivers and integration with MES and third-party software.

02 / UBUNTU

Ubuntu version

Compatible with 64-bit Ubuntu 22.04; a dedicated workstation can open the software at startup.

Two operating modes

Standard Mode	Edit templates and enter print pages in the software to complete content and equipment task management.
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LabelBridge	Driver printing mode receives jobs from external software such as BarTender and NiceLabel; the design computer runs Windows.
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Deployment note

Standard and LabelBridge modes are determined by the factory license and cannot be switched freely on site. Compatibility with external software, controller boards and communication interfaces depends on the project configuration and integration tests.

Expand inspection and traceability as needed

Add visual inspection, code management and maintenance capabilities suited to the project on top of the basic printing workflow.

01 / VISION

Visual inspection

With an optional camera, inspect print quality and code reading online and link failed results to NG handling.

02 / POSITION

Vision positioning

With the optional positioning system, read workpiece position and use its coordinates and angle when tuning position-based printing.

03 / TRACE

Code Traceability

When licensed, import code packages, manage batches and search print records, with result filtering and export.

04 / SERVICE

Access control and maintenance

Account permissions, operating logs, equipment status and settings pages support on-site operation and troubleshooting.

Confirm options for each project

Vision, code traceability and NFC card-based ink refilling require licensed features or optional hardware. Inspection, positioning and reject performance depend on the camera, lighting, capture card, workpiece and on-site integration conditions.

Put templates to work on the production line

Start with content and data, then configure and validate the equipment, software mode and on-site interfaces.

Preparation	Provide samples, print dimensions, code types and fixed or variable fields.
Define Data Sources	Confirmation of date, serial number, batch and external data sources and updating rules.
Choose the Mode	Select the standard mode or LabelBridge delivery version by layout editing.
Integrate with the Line	Check boards, printheads, triggering, communication and optional inspection equipment.
Sample validation	Check clarity, readability and data consistency at target material and linear speed.

Applicable tasks

Date and batch coding, serialization, barcodes and QR codes, variable labels, and integrated print-and-inspect operation configured for the project.



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