

Through the implementation of print and verification, ensures a 100% data printing error free delivery, while reducing costly re-runs, wastage, and mitigating business risks.

#### Advantages:

1

Closely coupled - Different from other solutions, where user has to mitigate through stacks of software and hardware integration nightmare. CODIFY is tied-in neatly between the three components or more, into a single solution that is ready to use and easy to work with.

2

Scalable and Flexible – Able to adapt to changing customer requirements, with modular pricing. Able to adapt to various printing technologies (CIJ, TIJ, Piezo, and laser marking).

3

Tailored suit - We can also deliver a customized solution tailored to your business process and flow, utilizing on platforms such as clouds and mobile computing.

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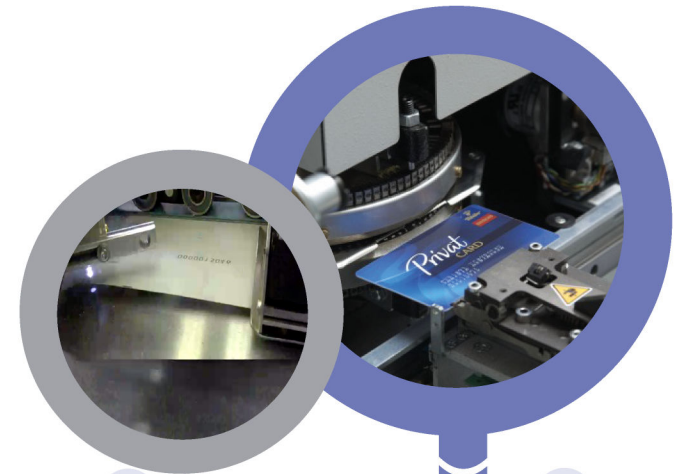
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# CODIFY

Empowering accountability  
with CODIFY solution in  
printing and verification  
system, combined with our  
experience and expertise.



Identifying and verifying variable data, information or symbol printed is a critical step in many production process, from transactional mails, secure letters, variable data labels, to packaging identification, batch reliability, and many more. Print and verification is all about delivering accountability and quality from your production line.

Printing and verification such as identification, sequencing, tracking, and database matching all relies heavily on 3 important components:

- Camera

Functions as the marking and distribution center of variable data and information from software to products.

- Printer

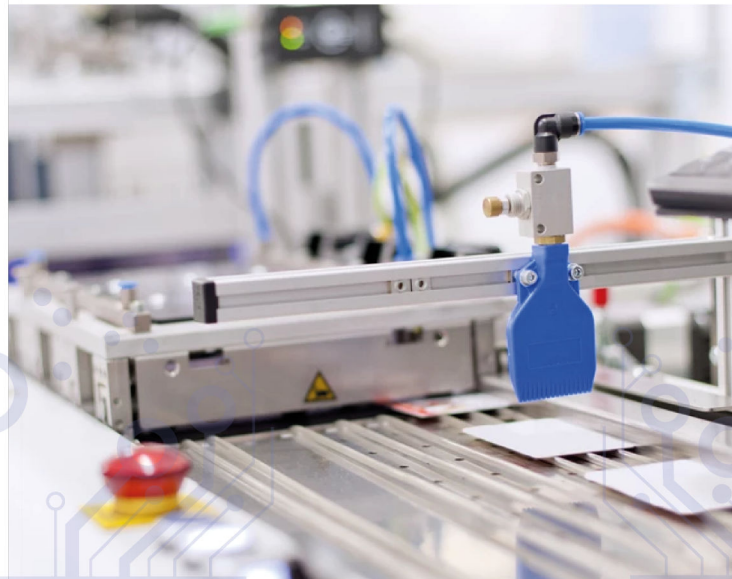
Functions as the marking and distribution center of variable data and information from software to products.

- Software

Software will be the brain and command center to distribute, and manage variable data to printer and analyze and verify the image captured via sophisticated data processing technology.

### Typical Requirements:

- 1 Variable data printing and matching of printed data to a source like database, or data/information file.  
Reading reliability and data verification for barcodes, either 1D or 2D barcodes.
- 2 Presence, quality, and/or location of printing.  
Data integrity to ensure data sequence and/or collation, batching or stacking of data, and sorting.
- 3 Prevention against duplication of data across multiple jobs within some specified limits.  
Ability to reject suspect products with failed verification or data integrity.
- 4 Report generation of verification process, to fully document the process result.



### Typical application:

- 1 Security printing for cards, legal files or papers, secure documents, coupons, mailing industry and many more.  
Packaging or production line of products typically for exported items, or complicated multi batch in single orders.
- 2 Mission critical items like automotive spare parts, safety equipment, chemical, drugs and medicine, foods and beverages, and many more.  
Automation of packaging or production lines through the help of code registration and identification.
- 3 Variable data printing for packaging typically for promotion, marketing events, or prize numbers or code in packaging.