



**Looking
for optimal
traceability?**

**SOLUTIONS FOR THE
PHARMACEUTICAL SUPPLY CHAIN**

**DATAMATRIX MARKING & CONTROL
SERIALISATION – TRACK & TRACE**



SECURE PATIENT SAFETY, PROTECT YOUR BRAND VALUE

Are you ready for the new European legislation and standards?

According to the World Health Association, up to 1% of drugs are counterfeit in industrialised countries, and this number is increasing. To combat counterfeiting, the EFPIA is working on a pan-European model that ensures end-to-end traceability based on Datamatrix marking and mass serialisation. As a manufacturer in the pharmaceutical industry, are you aware of the impact these new standards have on your business? Zetes' Datamatrix Marking & Control and Serialisation solutions help you safeguard your business in those countries already adopting the new standard, while acquiring competitive advantage for your future business.



The benefits of Datamatrix marking and serialisation

Datamatrix marking and serialisation improves traceability and authentication of medicines and medical goods throughout the supply chain. This helps:

- Combat counterfeiting
- Ensure swift problem resolution of claims and recalls
- Trace and fight theft, derivation, parallel market
- Facilitate data-aggregation from package to pallet
- Enable product traceability from the point of manufacture to the final point of distribution

An expert solution to meet your responsibility

As the Datamatrix are being affixed on the secondary packaging, assuring the quality of the code is YOUR responsibility. With patient's safety and your brand value at stake, you cannot afford to take any risks. Choosing Zetes means choosing:

- dedicated specialists with in-depth understanding of the pharmaceutical supply chain
- 25 years of integrator experience and extensive expertise in similar projects
- in-house developed solutions, tailored to your specific project requirements



A FLEXIBLE TURN-KEY SOLUTION FROM ZETES

Features and benefits

Open solution

Depending on the specific project parameters, we select the most appropriate hardware and software (Wolke, Cognex, HP, ...). This open approach ensures you get the solution best suited for your environment, and guarantees the longevity of your system.

Standards Compliance

Our solutions mark in accordance with industry-standards and applicable legislation to safeguard your business.

Flexibility

With their flexible design, our solutions integrate into the most harsh environment even when limited space is available. They mark goods on any side, directly on the package or by printing and affixing a label in real-time, and can complete the operation by applying tamper-evident sealing or pre-printed labels.

Availability

Production line downtime is avoided thanks to reliable hardware and software components, secure data communication with the ERP/MES system, and seamless integration of our solution with the production line.

High-speed Performance

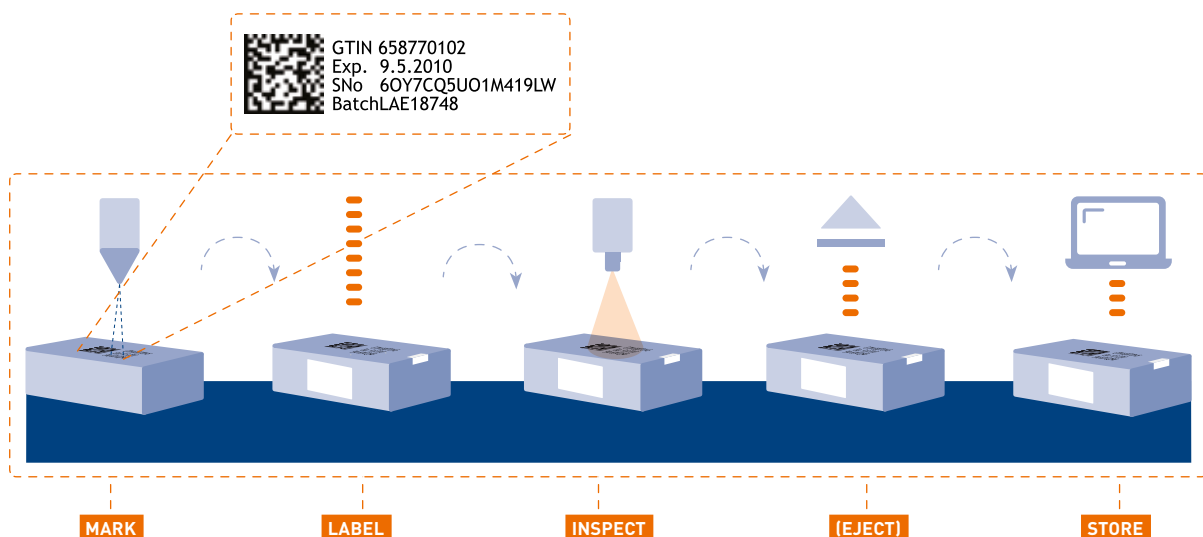
Our robust, industrial machines match the speed of any production line with marking, control and data storage of up to 500 packs per minute.

1 partner, 1 responsibility

By working with a single partner during the entire project, discussions regarding responsibility are avoided. We assume full responsibility for the solution and ensure rapid service and support from our specialists (operating from a pan-european network + 20 offices and a dedicated competence centre).

3 DIFFERENT SET-UPS

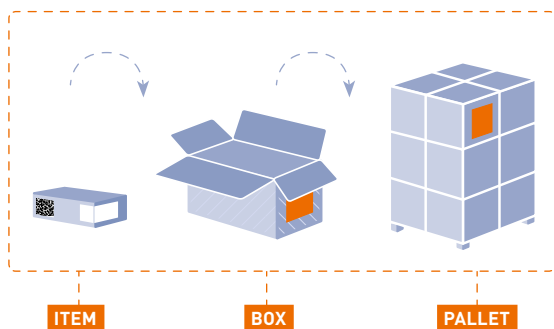
- **RETROFIT**
integration of Datamatrix marking and control functionalities into existing systems (e.g. labelling machines)
- **ESSENTIAL**
integration of a Datamatrix marking and control system at a dedicated place on the production line
- **ALL INCLUSIVE**
a complete solution including conveyors, Datamatrix marking and control, serialisation and labelling, and/or tamper evident sealing



TRACEABILITY FROM PACKAGE TO PALLET... AND BEYOND

Efficient box and pallet labelling

To ensure full traceability from the production line and beyond, data-aggregation from package to pallet is a must. Zetes' industrial print & apply solutions help you to accurately mark your pharmaceutical products as they are packed into boxes and then loaded onto pallets. Our wide range of box and pallet labellers makes affixing real-time printed labels (including barcodes, lot number, product code, serialisation code, etc) easy, even in the most harsh environments.



100% accurate shipments

Is your business impacted by costly claims and returns? With Visidot, our unique ImageID based solution, delivery-related disputes are avoided. Visidot inspects hundreds of barcodes, instantaneously, with a 100% detection rate on individual products being packed into boxes and on boxes being loaded onto pallets. Visidot then compares the data against the shipping order to ensure 100% accuracy and stores the images to show asset condition and provide visual proof of the final shipment.



Did you know?

Did you know that Zetes' supply chain solutions offer you the possibility of keeping track of the entire supply chain, from the point of manufacture to the final point of distribution? Visit www.zetes.com to discover our wide range of logistics solutions, including:

- Order preparation
- Proof of Collection / Proof of Delivery
- Cold Chain Management
- Inventory Management
- ...

WWW.ZETES.COM | ALWAYS A GOOD ID

BELGIUM | CÔTE D'IVOIRE | FRANCE | GERMANY | GREECE | IRELAND | ISRAEL | ITALY | NORDIC COUNTRIES | PORTUGAL | SPAIN | SWITZERLAND | THE NETHERLANDS | UNITED KINGDOM

