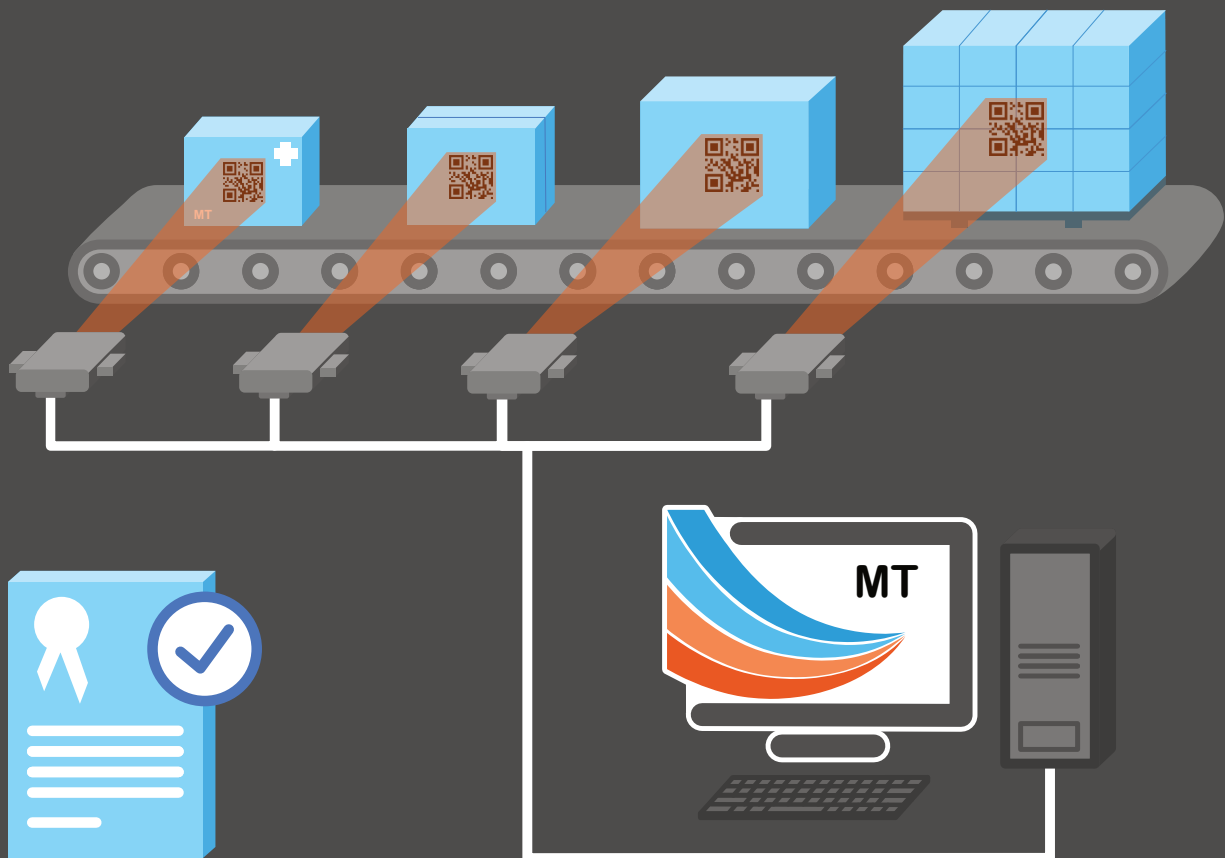


SerialSoft

MedTracker

Pharmaceutical Authentication for
Regulatory Compliance and Patient Safety



The Problem - Pharmaceutical Falsification

Counterfeiting in the pharmaceutical market has become a highly lucrative business, expanding rapidly over the past decades. Fake medicines pose a significant threat to public health and safety, making a comprehensive defense strategy essential.

To address this issue, government bodies have established legal frameworks designed to regulate and control counterfeiting while ensuring consumer protection. Various countries and regions have implemented their own specialized strategies. However, they all share a common foundation: the use of unique product identifiers or serialization codes for individual packaging. These

The Solution - **MedTracker**

While these initiatives are both welcome and necessary, they also present a unique challenge for pharmaceutical manufacturers. Companies must ensure compliance with diverse regulatory requirements across all export markets while managing the vast amounts of data generated by individual product codes.

MedTracker provides a flexible and powerful solution for pharmaceutical authentication, designed to meet all current and upcoming global regulations. Seamlessly integrating into existing manufacturing processes and software systems, **MedTracker** ensures compliance while optimizing operational efficiency.

The **MedTracker** Advantage

Authenticity & Counterfeit Protection

Traceability & Transparency

High-Security Architecture

Improving Product Safety & Quality Assurance

Increasing Customer Confidence

Efficiency in Logistics & Inventory Management

Support for Compliance & Regulatory Requirements

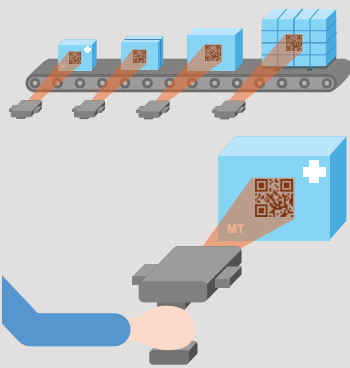
High Flexibility & Open Interfaces

Facilitation of Returns & Re-Exports as well as Warranty Services

Integration of Digital Technologies

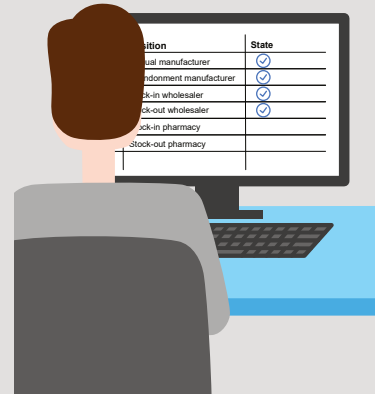
Competitive Advantages

MedTracker Benefits



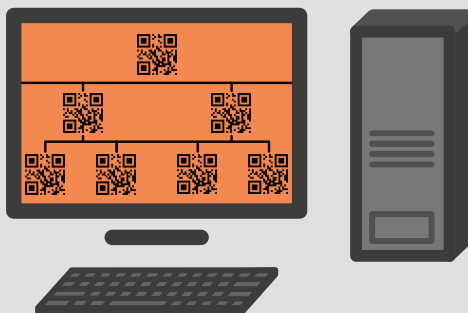
Customized Workflows

Code printing and verification are seamlessly integrated into existing automated packaging configurations and can be extended to support manual processes such as custom aggregation and re-palletizing.



Product History

All product and logistics data is captured and securely stored for each individual medicine package. Time stamps ensure data integrity and prevent tampering.



Aggregation Support

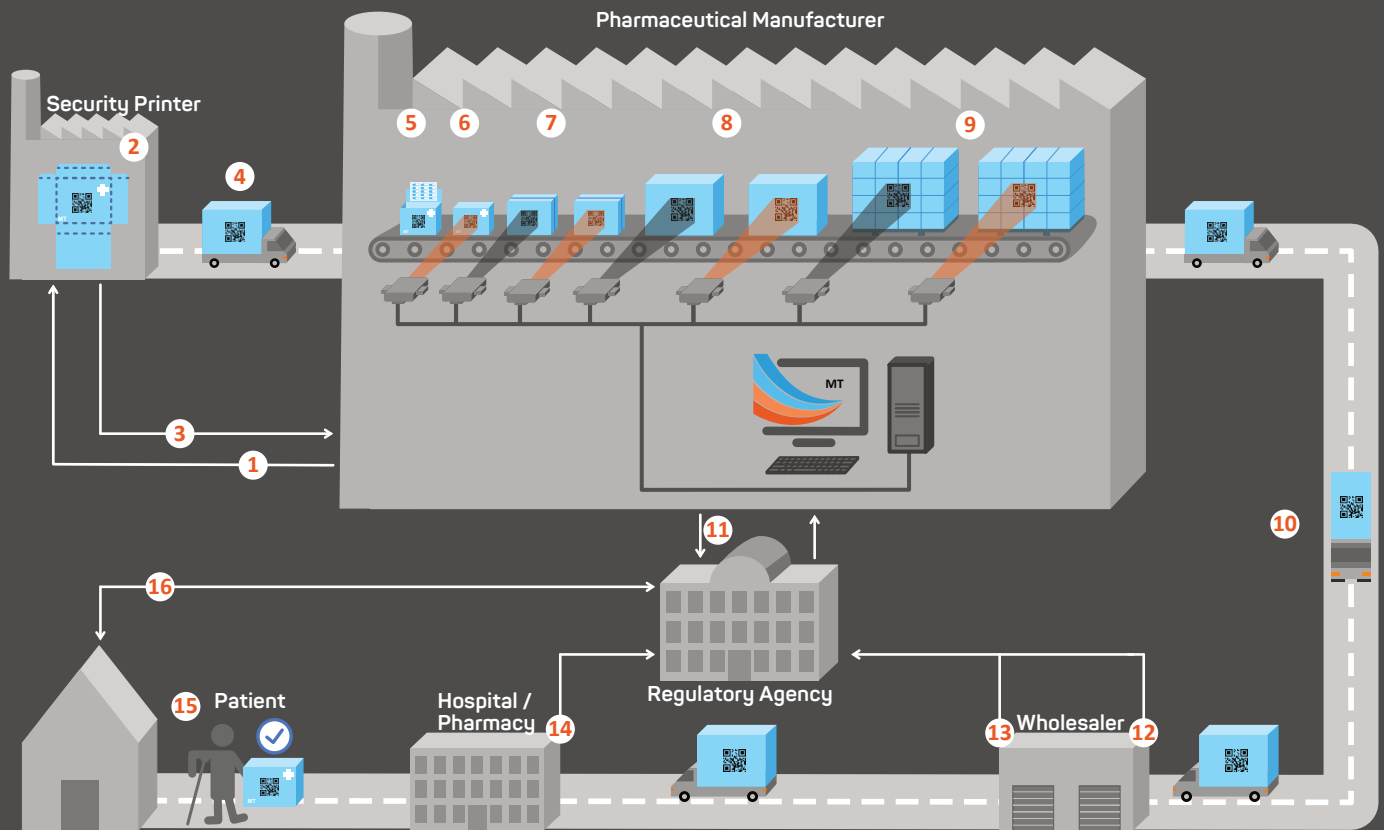
Packaging hierarchy is captured and maintained throughout the entire production and distribution process. Any changes due to repackaging are automatically recorded and updated.



Code on Demand

MedTracker generates on-demand codes that comply with the international regulations of the target export region for each individual production lot. Where required, these include truly random and unique identifiers.

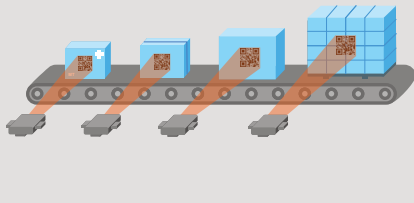
Typical MedTracker Application



**Individual steps and procedures will vary depending on local government regulations and individual manufacturing requirements.*

- 1 **MedTracker** generates codes as required by export region and sends them to the folding box security printer.
- 2 Codes are printed on boxes and verified.
- 3 A list of all used and unused codes is sent back to **MedTracker**.
- 4 Flat boxes printed with codes are shipped to the pharmaceutical manufacturer.
- 5 Pre-printed boxes are filled with medicine and sealed.
- 6 Code numbers are verified.
- 7 Bundle label is printed with higher level code and verified.
- 8 One or more shipping case labels are printed with higher level code and verified.
- 9 Pallet label is printed with higher level code and verified.
- 10 Shipment is sent to wholesaler.
- 11 Codes are sent to government regulatory agency.
- 12 Codes are scanned during stock-in (Wholesaler) and **MedTracker** is updated.
- 13 Codes are scanned during stock-out (Wholesaler) and **MedTracker** is updated.
- 14 Codes are scanned during stock-in (POS) and **MedTracker** is updated.
- 15 Authenticated medicine is given to patient.
- 16 Patients can also verify medicine themselves online.

Total Flexibility with MedTracker



Single-Line Code Control

MedTracker can control individual production lines for coding, but also interacts seamlessly with existing systems.



Product Authentication

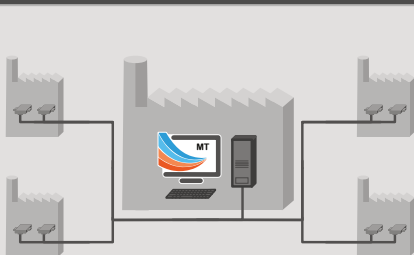
MedTracker ensures full compliance with all government authentication regulations.



Integration with Legacy Systems

MedTracker integrates seamlessly with your existing enterprise and production management systems.

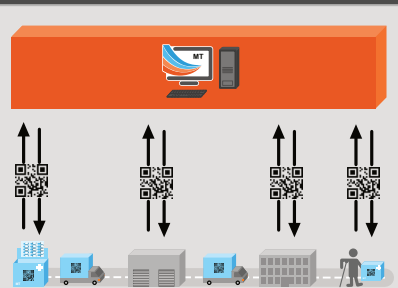
OR



Multi-Line Management

A single **MedTracker** can manage multiple production lines, ensuring streamlined and secure code control. Centralized management across multiple sites is also supported.

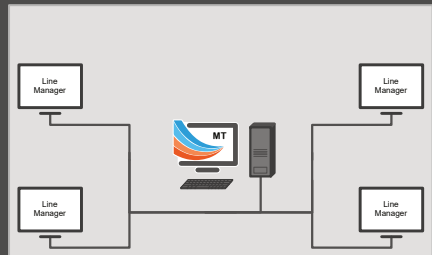
OR



Complete Track&Trace

Whether for regulatory compliance or operational insight, **MedTracker** provides comprehensive track & trace capabilities.

OR



Complete Production Management Platform

As a complete production management solution, **MedTracker** simplifies and streamlines your entire operation.

Total Compliance with MedTracker

Supports all current and pending government regulations, such as:



China Code



GS1 - 128C



EU Code



IFA - Code
GS1 - Code



California Code



E - Pedigree



INDIVIDUALIZATION WITH PASSION



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