



*Securing Healthcare*

# RE<sup>TRAK</sup>

Adaptive Track & Trace Solution



# Can you identify the counterfeit ?



## Securing Healthcare...

Pharmaceutical companies battle with challenges occurring from supply chain security lapses, counterfeiting and strict regulations. Apart from impacting profits, brand credibility and research initiative of the pharmaceutical company, counterfeiting impairs the patient's quality of life due to inefficient healthcare.

# RE<sup>TRAK</sup>

## ADAPTIVE TRACK & TRACE SOLUTION

ReeTrak - A secure track and trace solution across various touch points throughout the product supply chain-through serialization and epedigree implementation is a key to address the problem.

Apart from providing visibility and full traceability, ReeTrak offers a clear competitive advantage to pharmaceutical companies.

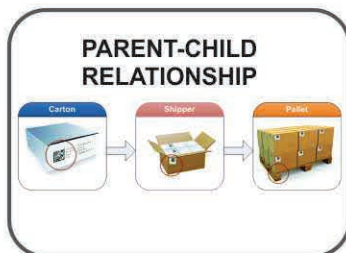
With ReeTrak, you will be optimally equipped to meet current and future market demands with respect to counterfeit protection and production.

ReeTrak confirms to GS1 standards and provides a complete solution compliant to all legislations on serialization, aggregation and e-pedigree with a flexible software suite.



## Highlights

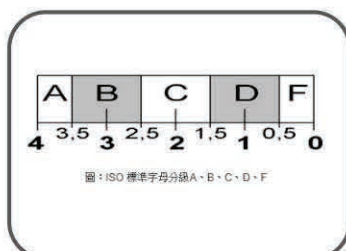
- One stop solution for unique code generation(serialization), printing, inspection & aggregation
- Seamless integration into existing IT infrastructure and allows convenient interfacing with MES/ERP/SAP
- Fully automated operation with minimum human intervention to avoid manual errors
- Customizable Electronic Reports
- 21CFR Part 11 Compliant
- Suitable for carton line / bottle line / bulk packing line
- Secure database with back up and data recovery procedures
- SMS Gateway



Parent child relationship to identify packaging hierarchy



Easy integration with all available 2D printers (TIJ, CIJ, TTO, Laser printer)



ISO 15415 Compliant 2D code grade checking



Biometric enabled (finger print) authentication and authorization features

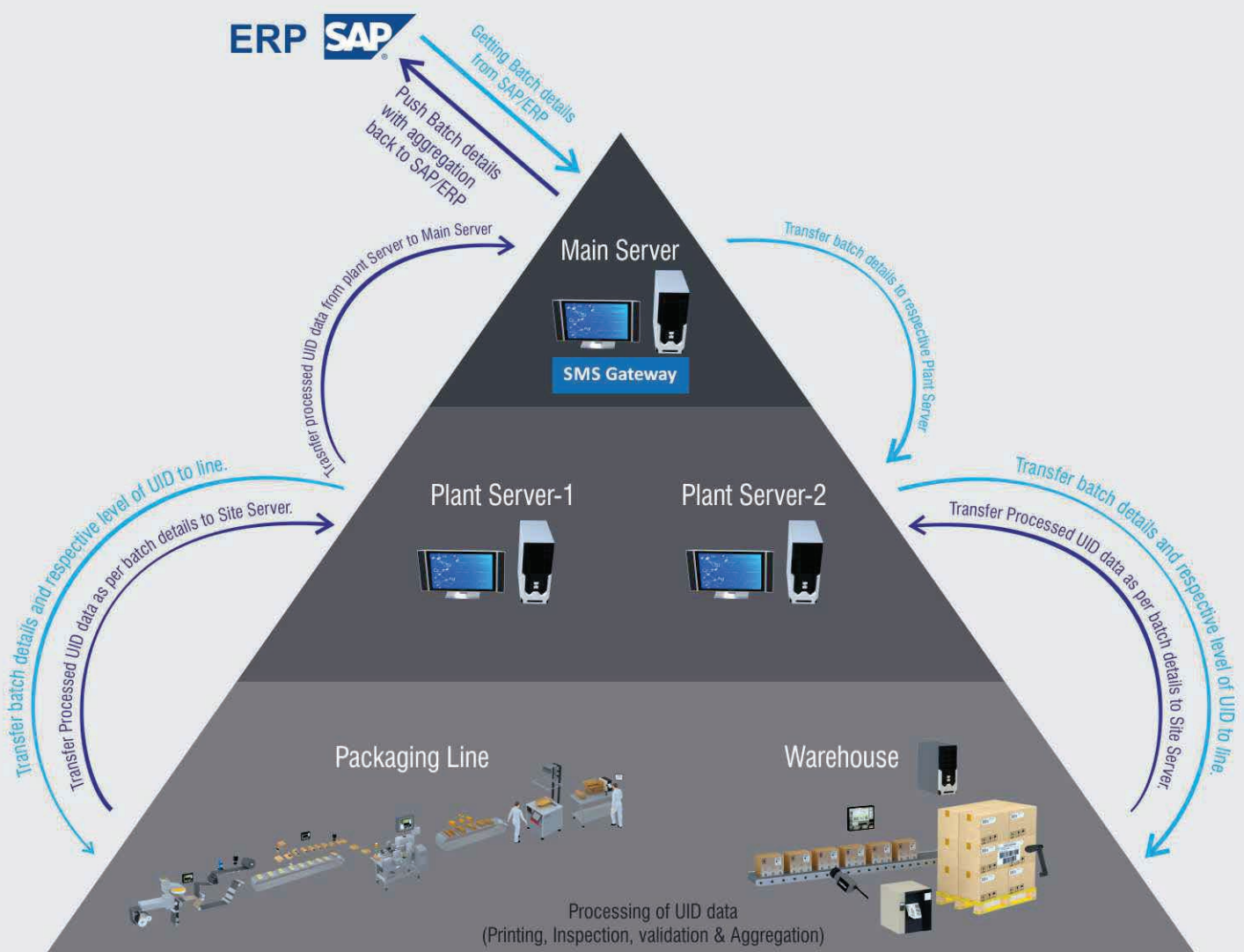
# Software Structure

## Architecture

Software with central data storage at HO can be used for:

- Single individual line
- Multiple line in a plant
- Multiple plants

Seamless integration with any enterprise application (SAP/ERP) to fetch the master data.



## Highlights

### Serialization

Proprietary unique code generation algorithm to generate and assign to any individual sellable item (carton or bottle) for easy integration & installation on packaging line & unique control for printing/checking.

A compact space-saving system incorporating all the necessary components: printers, cameras, reject station, man-machine interface, continuity group.



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### Batch Request

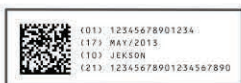
As per GS1 standards Reetrak Server manages the batch information and generates random / serial codes for various packaging levels by using Reetrak batch request functionality



### Aggregation (establishing parent-child relationship)

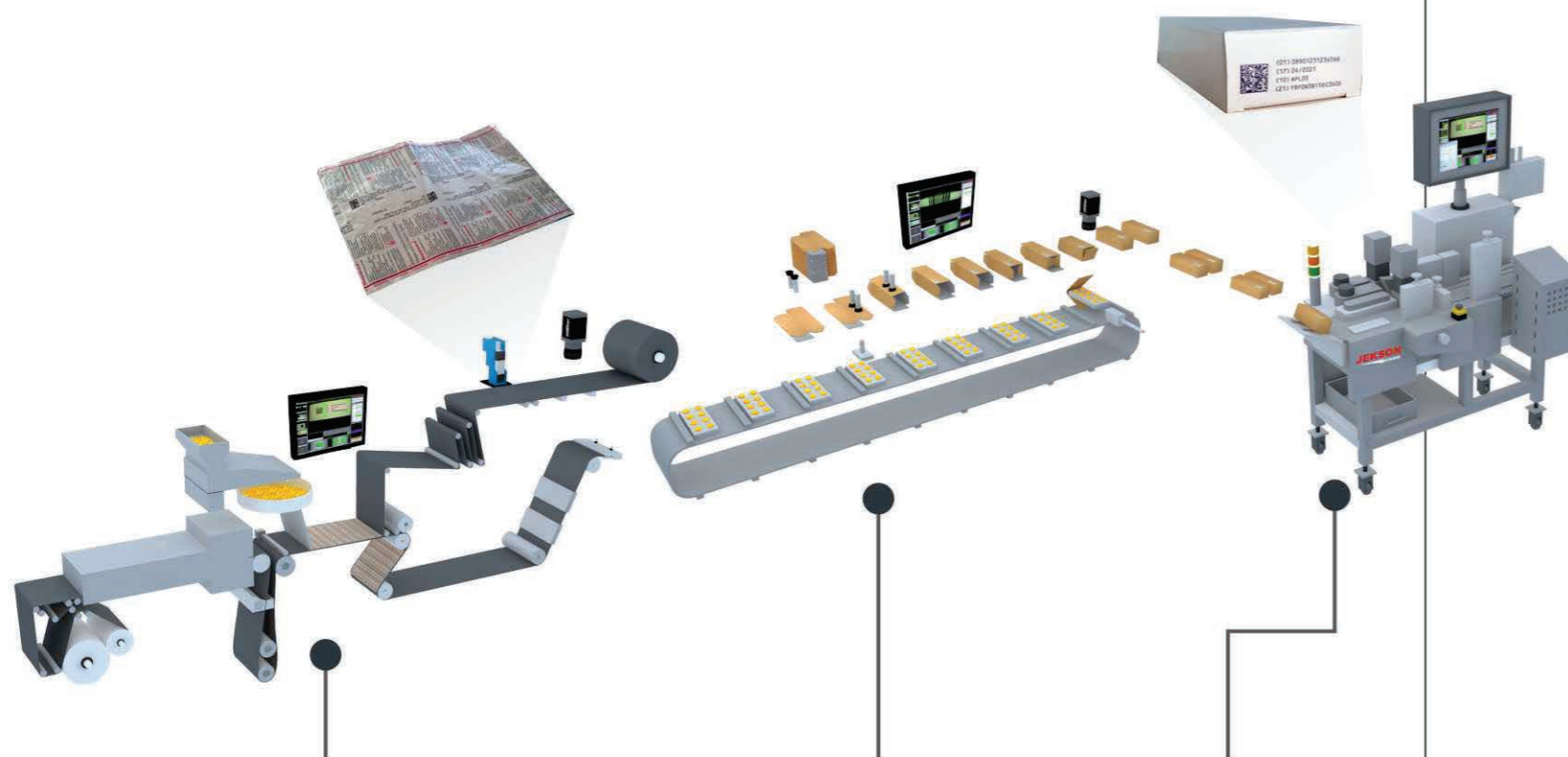
To build the parent-child relationship (aggregation) in the most reliable way, a number of specific devices are placed along the packaging lines: labelers, special cameras to read printed codes into items, bundles, cases, reject stations, as well as standalone printers and handheld readers.

ReeTrak from Jekson Vision integrates all the different devices in one unique interface that the operator can easily access from any of the touch screens placed on the line.



## Blister Line Basic Elements

- Unique Code Generator
- Cameras for Inspection of codes
- Online/Offline Conveyor with printer for printing unique codes on cartons
- Printer for printing shipper codes
- Bulk 2D inspection for automated carton aggregation
- Biometric module for authentication, QA/QC approval activity with digital signature
- Customize Repacking facility at warehouse level



### Blister Packaging Machine

Print and Inspect 2D code  
printed on top sealing foil

IPC, CAMERA & PRINTER

### Cartoner Machine

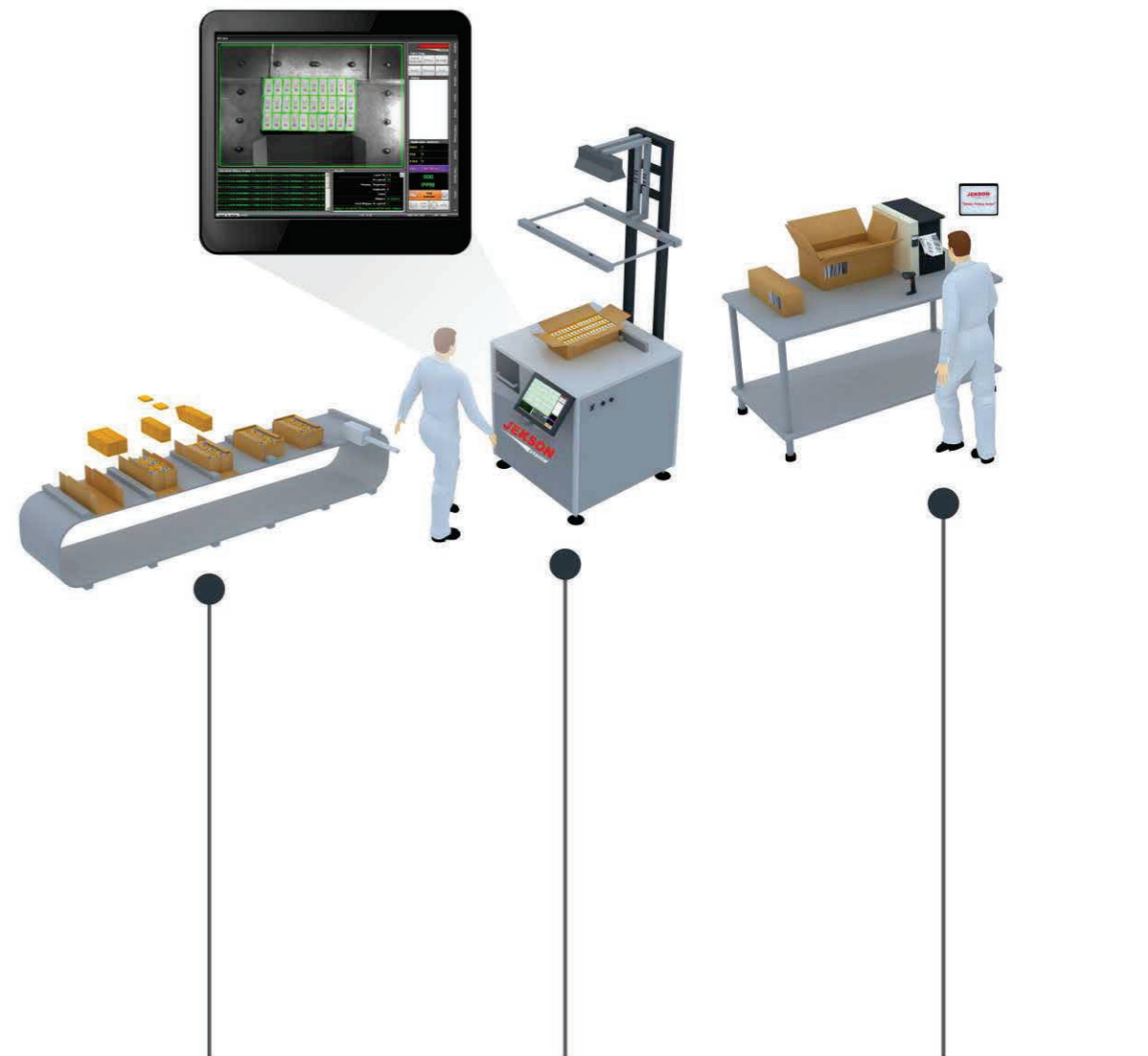
Decode pre-printed  
pharmacode / barcode

IPC, CAMERA

### T 200 Conveyor

Conveyor with printer  
and camera

IPC, CAMERA  
& PRINTER



### Bundler Machine

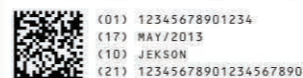
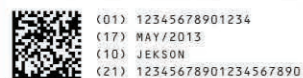
### Bulk 2D Machine

Bulk scanning platform  
with camera  
Encoder based automated  
up-down mechanism for  
multi layer scanning

IPC, CAMERA, PRINTER  
& HANDHELD SCANNER

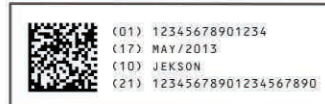
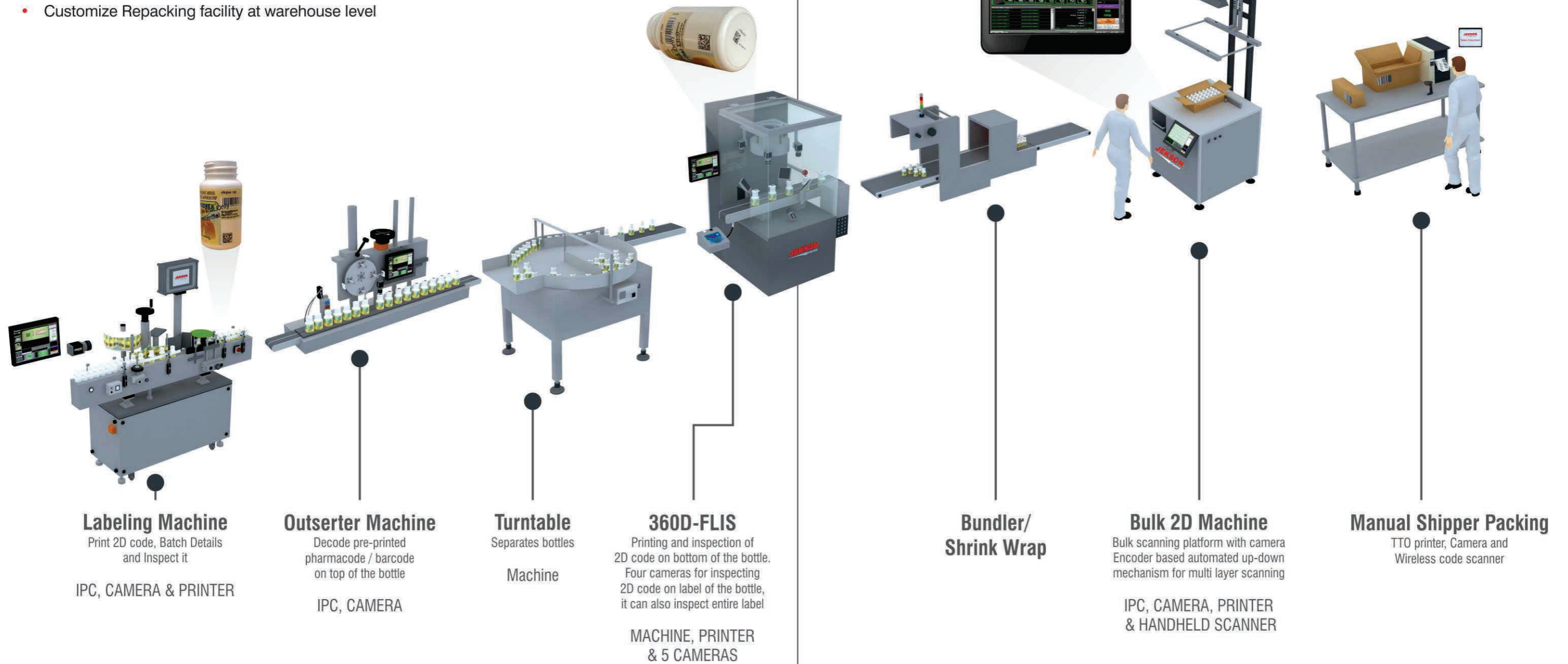
### Manual Shipper Packing

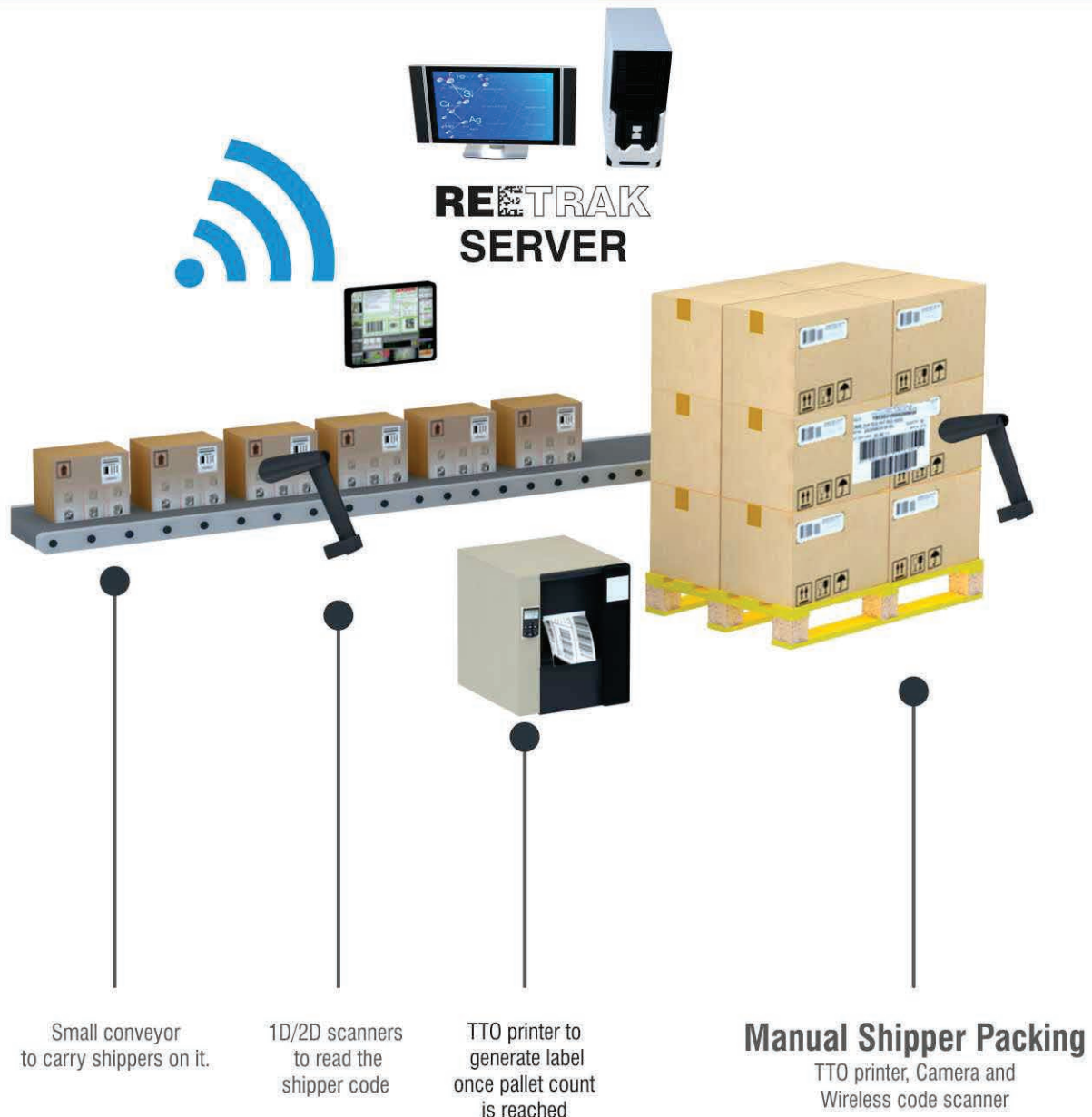
TTO printer, Camera and  
Wireless code scanner



## Bottle Line Basic Elements

- Unique Code Generator
- Cameras for Inspection of codes
- Online/Offline Conveyor with printer for printing unique codes on cartons
- Printer for printing shipper codes
- Bulk 2D inspection for automated carton aggregation
- Biometric module for authentication, QA/QC approval activity with digital signature
- 360 degree inspection for automated bottle aggregation
- Customize Repacking facility at warehouse level





## Your Security Partners...

### Project management

With our experience and expertise, we analyse your processes with you and support you in finding a customized perfect solution to your requirements for Track and Trace system to ensure a successful implementation in your company.

Whether in part, or in whole...we take full responsibility for the project.

### Customised Service and Support

Our customer support executives shall serve you 24x7, if you are stuck anywhere. Beyond technical support, we offer onsite training if required at different levels in your operation.





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