

# END OF LINE SOLUTIONS WITH TRACK & TRACE



**EVERYTHING FROM ONE SOURCE – A SINGLE POINT OF CONTACT**  
COMPLIANT WITH INTERNATIONAL STANDARDS, COST-EFFECTIVE & FUTURE-PROOF

## OUR DELIVERABLES

### Integrated end of line solutions

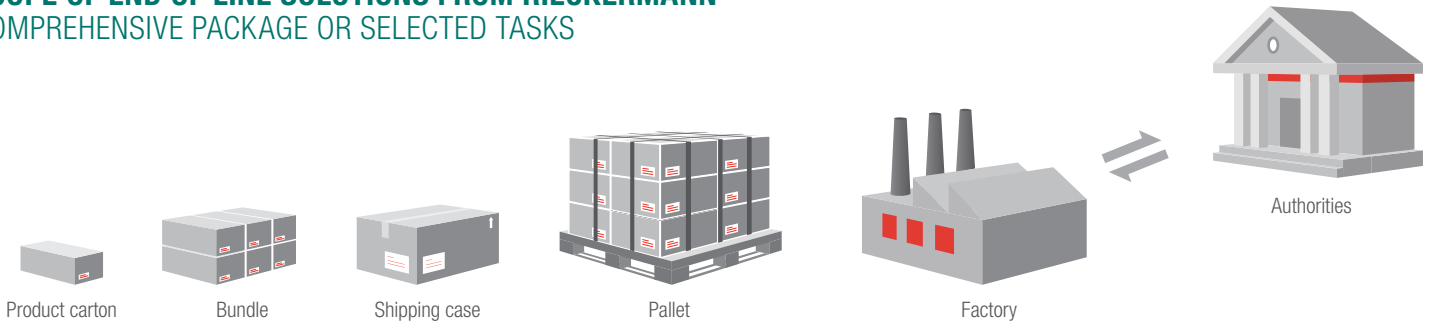
- Product cartoning machines with leaflet dispenser
- Wrappers, case packers & palletizers
- Customized machinery for specific needs
- Consulting, planning & implementation
- Factory life cycle management
- Financing

### Track & trace solutions

- Serialization & aggregation for all products
- Individual machines or integrated devices
- Comprehensive packages including bi-directional data transfers between machines (level 0/1) & external entities (level 5)
- Customization of equipment & software possible

## SCOPE OF END OF LINE SOLUTIONS FROM RIECKERMANN

COMPREHENSIVE PACKAGE OR SELECTED TASKS



Serialization

Aggregation

Packing & handling processes

Track & trace processes

## TRACK & TRACE SETS PHARMA INDUSTRY IN MOTION

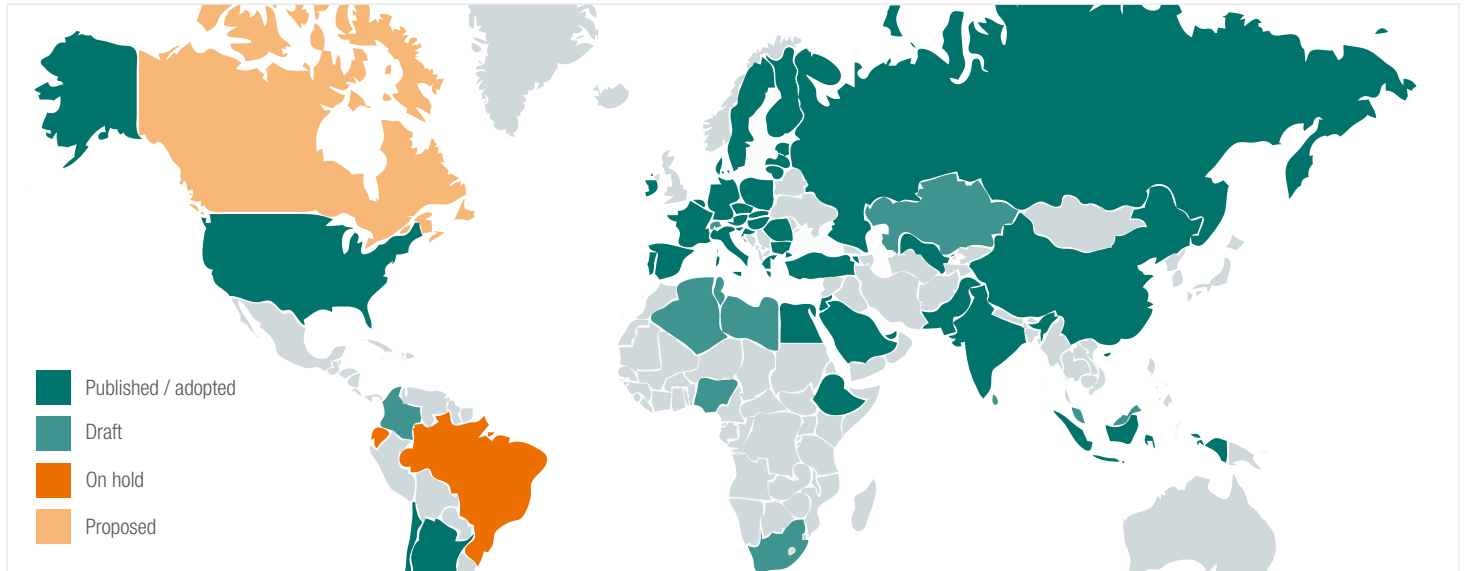
### New regulations

- Authorities put traceability regulations into effect
- Many countries already affected & further countries will follow

### Export

- Export to respective countries requires product traceability
- Early birds increase their business opportunities

### Global track & trace activities



## EFFECTIVE TRACEABILITY SOLUTIONS FROM OUR PARTNER VISIOTT

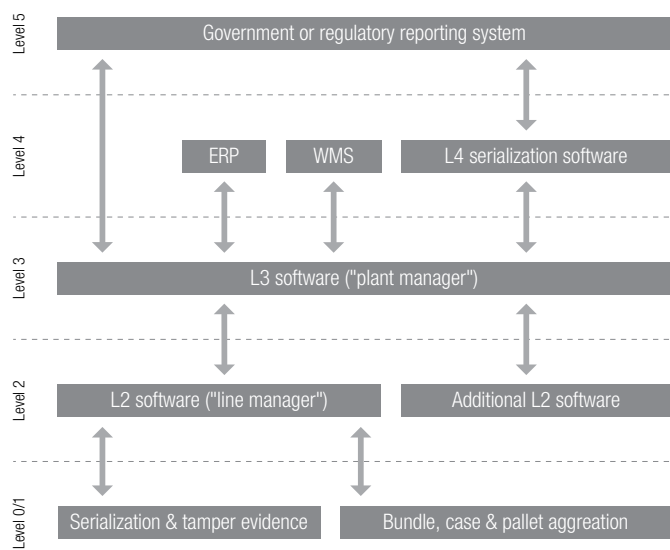
### General scope

- High-quality machines & devices for level 0/1
- Powerful software for levels 2 & 3
- Interfaces between levels 3/4 & levels 3/5
- Consultation, full implementation & prompt after sales support available both remotely or by local Rieckermann representatives

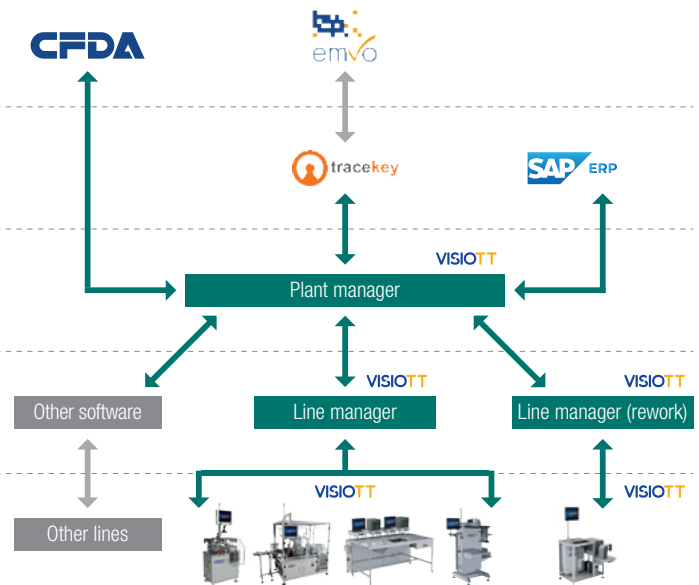
### Particular features

- Experienced in various government reporting systems
- Customizable setup catered to individual needs (manufacture & rework)
- Extensive integration with multiple third-party products (Oracle, SAP, Microsoft Dynamics, Tracelink, tracekey, arvato, RFXCEL, SYSTECH, OCS, PCE & others)
- Establish new track & trace systems or even finalize an existing configuration

### Generic system structure



### Example: Integrated solution with own & 3<sup>rd</sup> party equipment



## IMPRESSIONS OF THE EQUIPMENT

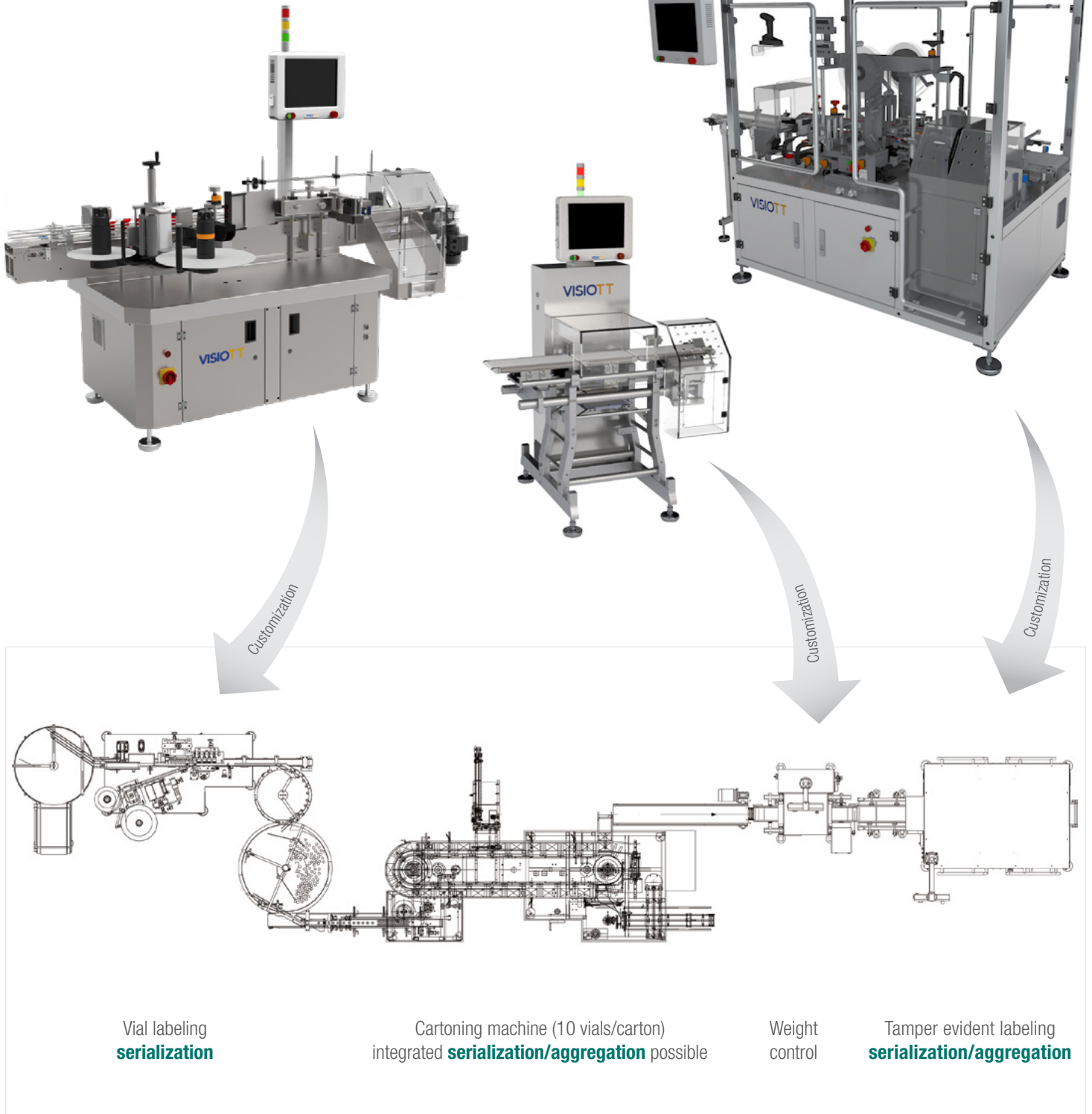
### Individual machines

- Inline or offline use possible
- Serialization of vials, bottles, product cartons, blisters, Tetra Paks & others
- Aggregation of bundles, cases & pallets
- Further deliverables: checkweighers, tamper evident labelers, labelers for conventional use (upgradeable for serialization) & hologram applicators

### Integrated devices

- Same basic functionalities as machines
- Integrated into existing lines or machines of co-suppliers

### Medium-sized end of line section supplied by Rieckermann



## WHY RIECKERMANN

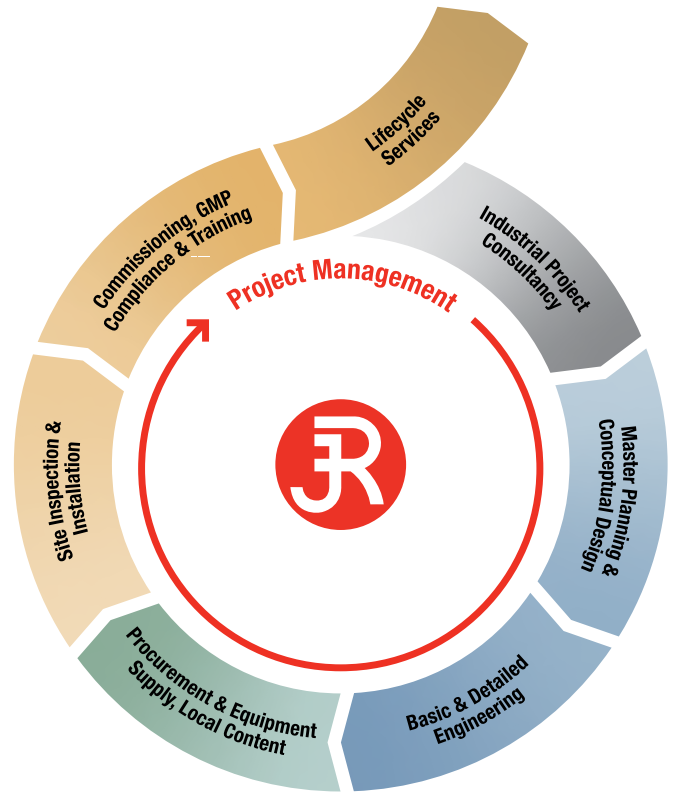
### Our approach

- We develop and implement tailor-made solutions together with our customers and technology partners.
- As your principal contact, supplier, and engineering & service partner, we advise you throughout the life cycle of your machine, line or factory.
- Our vast network of partners enables us to respond to your unique demands in terms of quality, functionality, capacity, delivery time, and Total Cost of Ownership (TCO).
- Our scope includes machinery, hardware, software, engineering, technical services, spare parts, GMP-compliant documentation, and more. Selected deliverables thereof or beyond that are possible as well.
- Our local staff, who are native speakers, can reach you quickly for consultancy and support.

### Our partners

- Rieckermann solely cooperates with companies we are convinced of: well-established, experienced specialists.
- For packaging and logistics showing manifold requirements we involve those partners who are ideal for your specific project.
- For track & trace solutions specialists from VisioTT – active in this field from the very beginning – will ensure a solution perfectly fitting your requirements.

## INTEGRATED INDUSTRIAL SOLUTIONS FOR THE PHARMA INDUSTRY



## MAKING THE MOST OF YOUR INDUSTRIAL PRODUCTION & PROCESSES

Rieckermann is your reliable partner for industrial production and processes. We realize customized high-quality solutions for you – from consultancy, engineering, the supply of machinery, and project management to technical services.

For the pharmaceutical industry Rieckermann supplies solutions and services for the processing, production, and packaging of all types of pharmaceuticals in liquid, solid, or semi-solid form. Furthermore, we serve customers who produce active pharmaceutical ingredients, medical devices, and cosmetics.

For all addresses and contact information of our local offices please visit our website: [www.rieckermann.com](http://www.rieckermann.com). We will be pleased to be of assistance.



### CONTACT US TO LEARN MORE

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