

» oli 310 with olimat 3D



» oli-pal A



## Track & Trace by oli

Complete tracking of pharmaceutical products

No matter with which vision and print & apply system provider you cooperate, oli GmbH has the perfect solution for the integration of respective hardware and necessary signal exchange.

We live our motto "pack'solutions customized" and develop for and with you solutions for secondary packaging and palletising ideally suited to your needs.

That's a promise!

Oliver Lingenfelder

O. Lingenfelder  
**oli-Spezialanlagen GmbH**

Blumenstraße 17-21  
82538 Geretsried  
GERMANY  
Phone +49 8171 9673 0  
Telefax +49 8171 9673 10  
E-Mail [buero@oli-gmbh.de](mailto:buero@oli-gmbh.de)  
[www.oli-gmbh.eu](http://www.oli-gmbh.eu)



### Track & Trace by oli - your benefits

- » Retrofitting of Track and Trace on existing oli installations possible
- » Machine concepts for Multi Shot and Single Shot applications
- » Advice on the appropriate, customised installation configuration
- » Compact and pharmaceutically compliant design
- » User-friendly retrofitting
- » End of line in one hand

### What hardware integration models are available?

Depending on product and requirement profile, various approaches exist for a Track & Trace solution. Basically, two main variants have emerged:

#### „Single Shot“:

The camera captures all codes with a single shot.

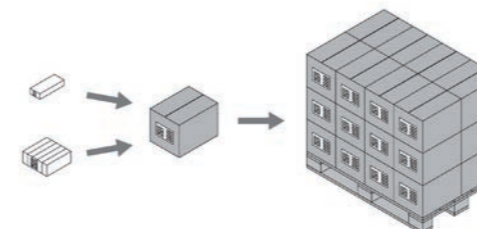
#### „Multi Shot“:

Each product is captured, counted and stored by the camera.

Further methods exist as well, such as combinations of Single Shot and Multi Shot, etc.

### Parent-child relation

- » Each single product receives a unique identifier, a code that contains all product-related data.
- » When packing individual products, these codes are then assigned to a parent cardboard box code.
- » The same procedure is used for palletising of master cartons.



### The countdown is running!

The mandatory implementation of serialisation and aggregation will begin shortly.

While **China** prescribes serialisation **already from 31 December 2015** and **Brazil** will follow suit **one year later**, the manufacturers supplying within Europe have a little more time for practical implementation. At present, it can be assumed that the traceability of all pharmaceutical products in the **European market** will become mandatory **from mid-2018**.

Do not waste any time!