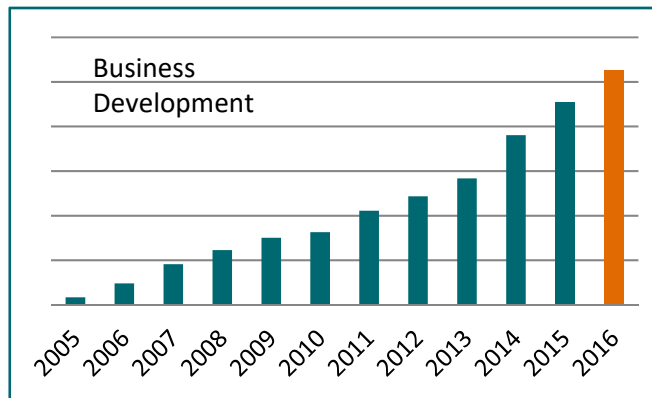
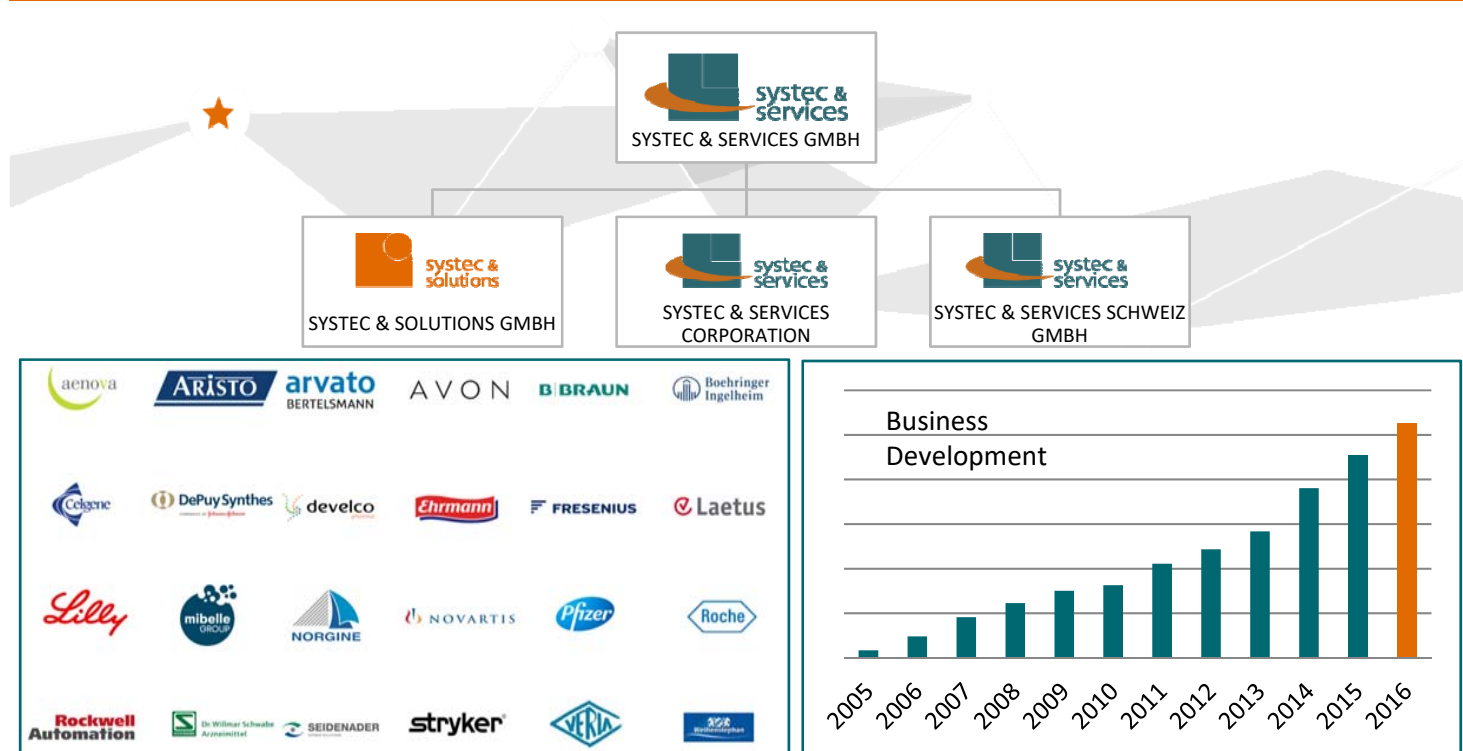




# Serialization / Track & Trace

How to run a successful  
serialization campaign



 **15**

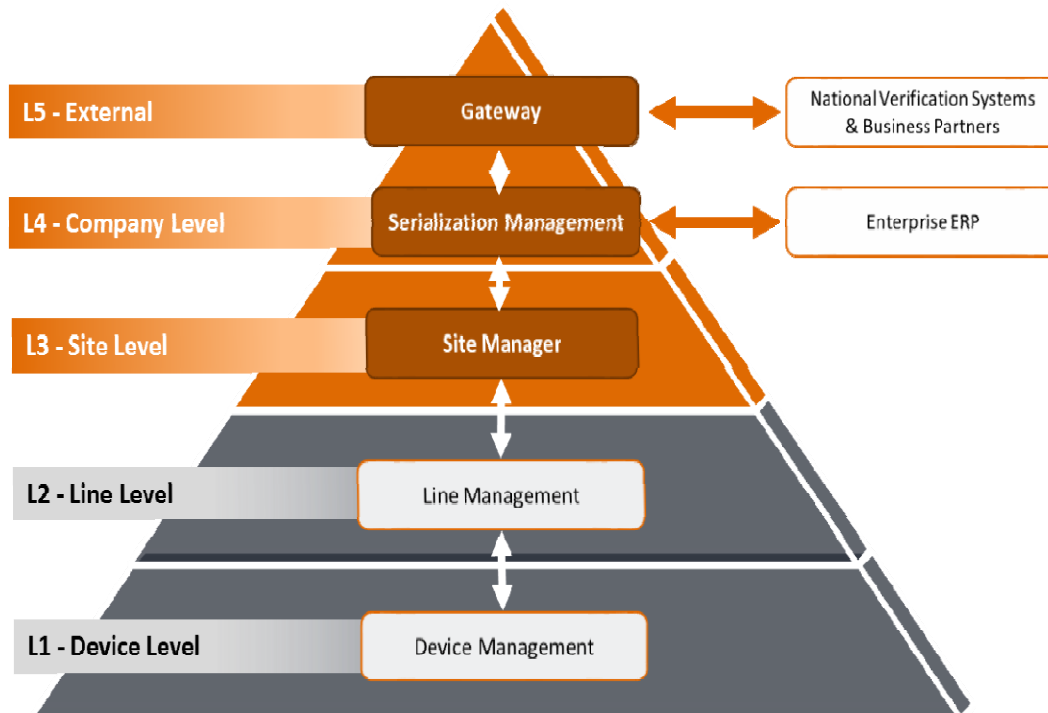
Years experience in regulated industries

**140** 

Satisfied clients in 15 countries

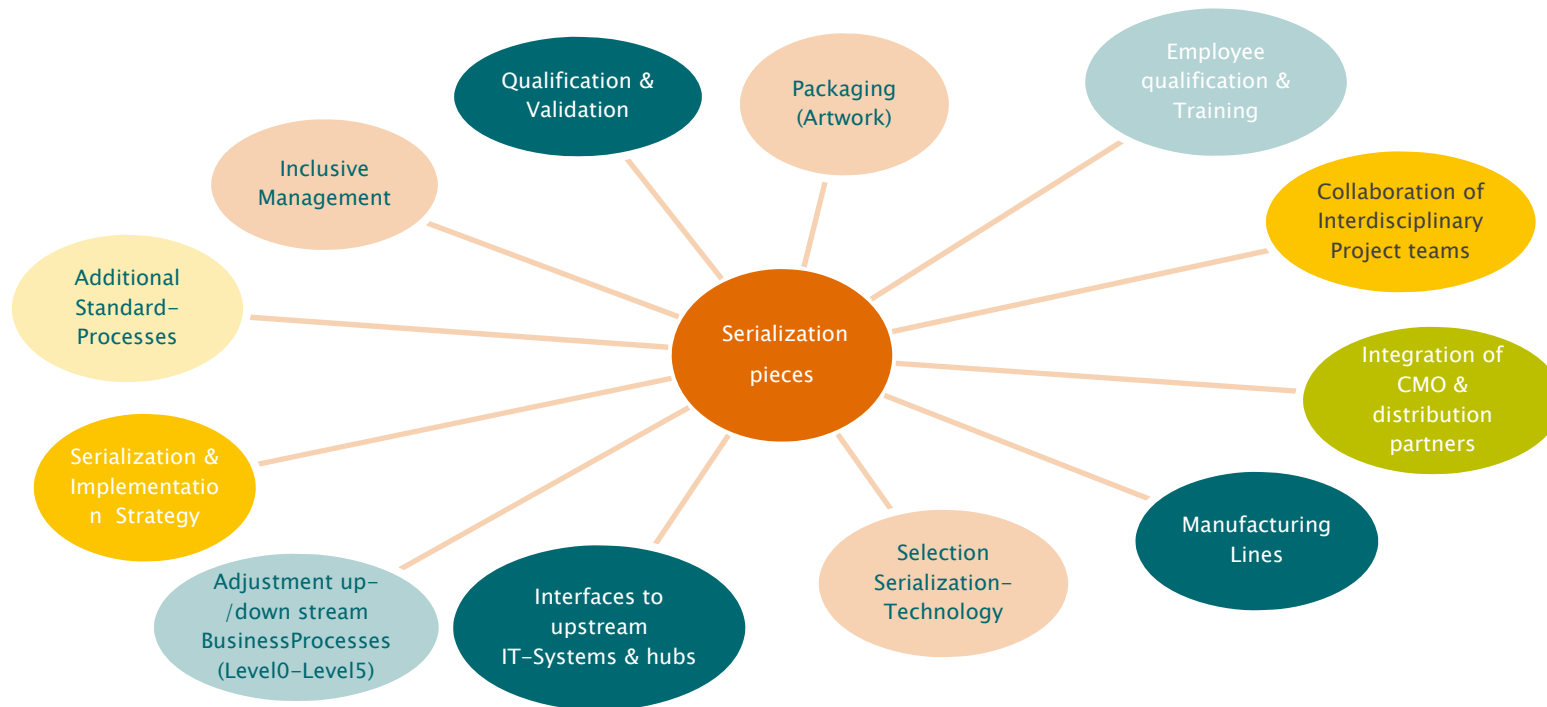
 **80**

Employees working around the world for you



- Consulting
- Project implementation

# Serialization pieces



- Proper comprehension
- Proper dedication
- Proper methodology

- A clear and complete understanding of regulations
- A clear and complete understanding of each role and responsibility
- A clear and complete understanding of serialization
- A clear and complete understanding of offering solutions
- A clear and complete understanding of timelines and dependencies

- Knowing the processes
- Facing all challenges
- Keeping open communication
- Meeting the deadline
- Achieving success for the company

## Design it and stick to it!

A well designed methodology will help you build a track & trace system in line with your specific needs and also in line with global requirements.





- Consulting and Vendor Evaluation
- Program and project management
- Specifications
- Process–Design
- Documentation and validation according to GAMP® 5
- Software customization and interface development
- Training
- Go–Live–Support
- Different levels of Operational Support



- Systec & Services takes the responsibility for the overall project, incl. hardware, software, program and project management
- Designing all phases according to GxP guidelines
- Delivery of serialization as general contractor
- Highest reliability and compliance
- Successful track & trace projects – on time, on budget, on quality

## Challenge

- all lines different, some lines manual only, some fully integrated
- customer has first experience in Track & Trace
- customer in progress of harmonizing L4 globally

## Scope of delivery

- Print & verify projects for Serialization and Aggregation
- no warehouse coverage
- interface to Level 4 / Level 5
- various vendor machines and hardware components

## Customer benefits

- deliver serialized and aggregated products
- Core Validation approach
- production harmonization due to global plant server

## Products:

Iron deficiency, depression, mild cognitive impairment, etc.

## Destination

## Countries:

Brazil, Korea, China, Europe

## Aggregation:

carton, bundle, case, pallet

## Sites:

5 (CH, PT)

## Lines:

9



## Role of Systec & Services

- Program Manager
  - Project Manager
  - System Engineer
  - Validation Manager
- 6 team members in total

## Challenge

- Different processes at the two sites – from heavy manual to fully automated solutions
- Bottled product with powder cake, needed to print from top on the upright standing carton

## Scope of delivery

- Level 4/Level 5 interface to provide and manage serial numbers and aggregation data
- Serialization and full aggregation
- Partnered with US-based OEM who delivered the full line beside cameras and printers, which came from Germany

## Customer benefits

- 3 very flexible and customized lines in CH up and running
- Fully automated, customer specific solution for the line in the US

**Products:**

Cancer

**Destination**

**Countries:**

Europe, Korea, US, Australia, China

**Aggregation:**

Carton, case, pallet

**Sites:**

2 (CH, US)

**Lines:**

4



## Role of Systec & Services

- Program Manager
- 1 team member



## THANK YOUR FOR YOUR INTEREST

We welcome your further questions and contact

**Systec & Services GmbH**  
Emmy-Noether-Straße 17  
76131 Karlsruhe  
Deutschland  
Phone+49 721 6634 330  
Fax +49 721 6634 333  
talk@systec-services.de

**Systec & Services Schweiz GmbH**  
Bahnhofplatz 1  
4133 Pratteln  
Switzerland  
Phone +41 61 272 7373  
  
talk@systec-services.ch

**Systec & Services Corporation**  
110 Mackenan Drive, Suite 200  
Cary, NC 27511  
USA  
Phone +1 888 646 9522  
Fax +1 919 468 9904  
talk@systec-services.com