YOUR PARTNER FOR PRINT INSPECTION

Jan Mattmüller – Managing Director QualiVision

Familiar Problems?

Agenda

Who is QualiVision
The customer's problem and expectations
The journey
Learnings and Take-away
How it was possible – QualiReader and its benefits

Experts for **Print-Inspection** & **Quality Control** (product/process)

25
R&D Engineers

3000+
Production lines

100+
Customers

25 yrs
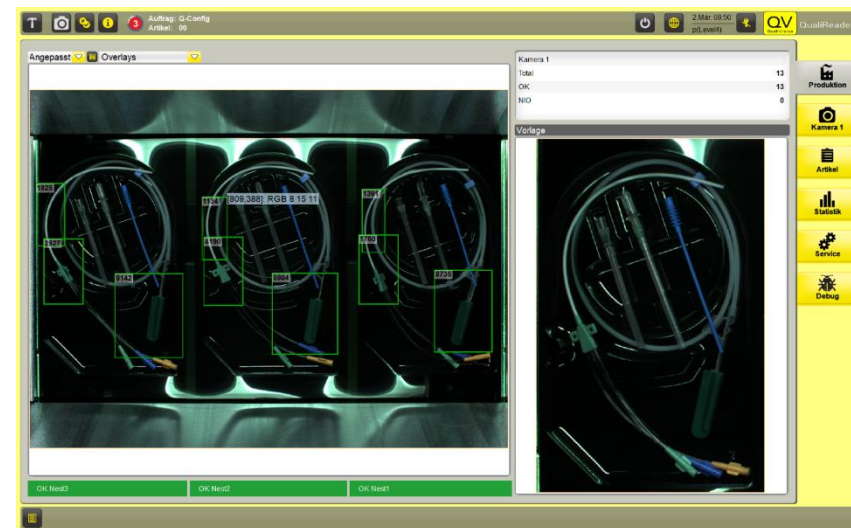Your Partner

1
SW-Plattform

swiss made software

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Customer's Expectation

- Trigger: Non-readable codes → **rejection of a delivery**

- **Goals of the project** at the beginning
  - **100% control** of all labels
  - **Readability check of code and variable data**
  - **Compatibility check** of code with GS1 standards
  - **Integration with SAP**

  - Soft **pilot-phase** with table-top set-up

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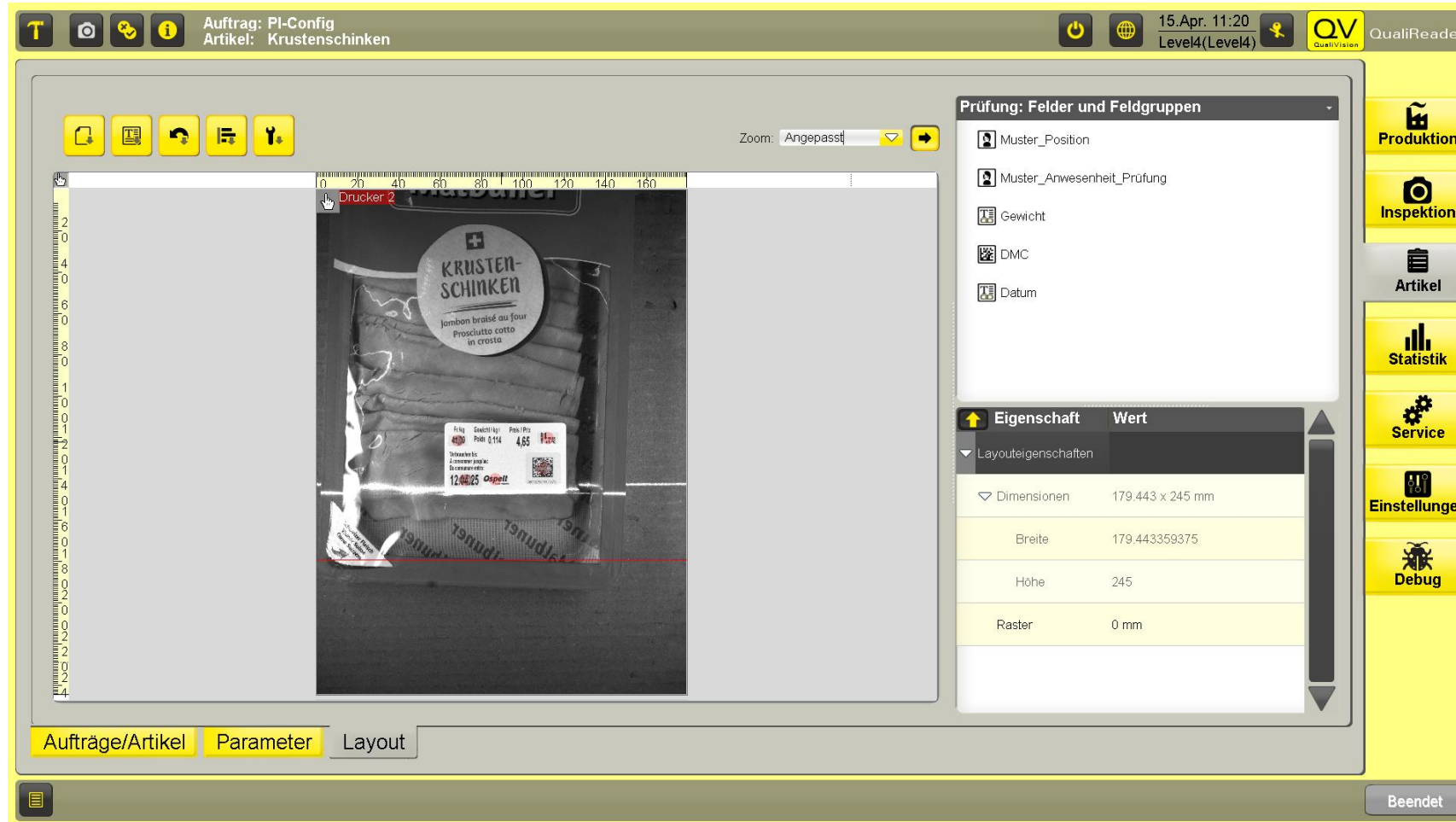How it was possible – QualiReader and its benefits

Set-up for Pilot

Versatile set-up with high-resolution camera and large field of view

Inspection Program

Simple inspection program with mainly

- **Legibility** check for **BBD**

- **Readability** check for **DM code**

- Presence check of brand logo

Installation and Learnings (1/2)

1. **New wish**: Also **code grading needed** → change of optics

2. **Readability check variable data not needed**

3. **Compatibility check** to GS1 standards **not needed**

Learnings cont.

- 2nd biggest risk, apart from the non-readability of the code,
  is **mix-up** of labels

→ Added mix-up check on descriptive text

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Learnings

- Most relevant **value add is often not known** at the beginning
- Customer does not know what is possible
- Full benefit becomes apparent later in the project
- **Versatile set-up (SW and HW) is important**

- Full **benefit** will only be leveraged **once fully integrated in the line** and in MES/SAP

- **Hardware cost-down** for a full roll-out **can be realized** once requirements are clear

Take-away: You need a Versatile Set-up

- **You look for a solution which...**
  - Ensures the **code readibility** at the POS
  - Allows to inspect serialized products in the future
  - Can be **retrofitted** on existing machines and accommodate existing printers
  - Fits into your existing IT-ecosystem?

- **But are you not sure...**
  - whether you need a **simple code reader or a more advanced camera** system?
  - **How to integrate** the vision system with your SAP/MES/Label management system?

  - → **You need a versatile and extendible, future-proof set-up**
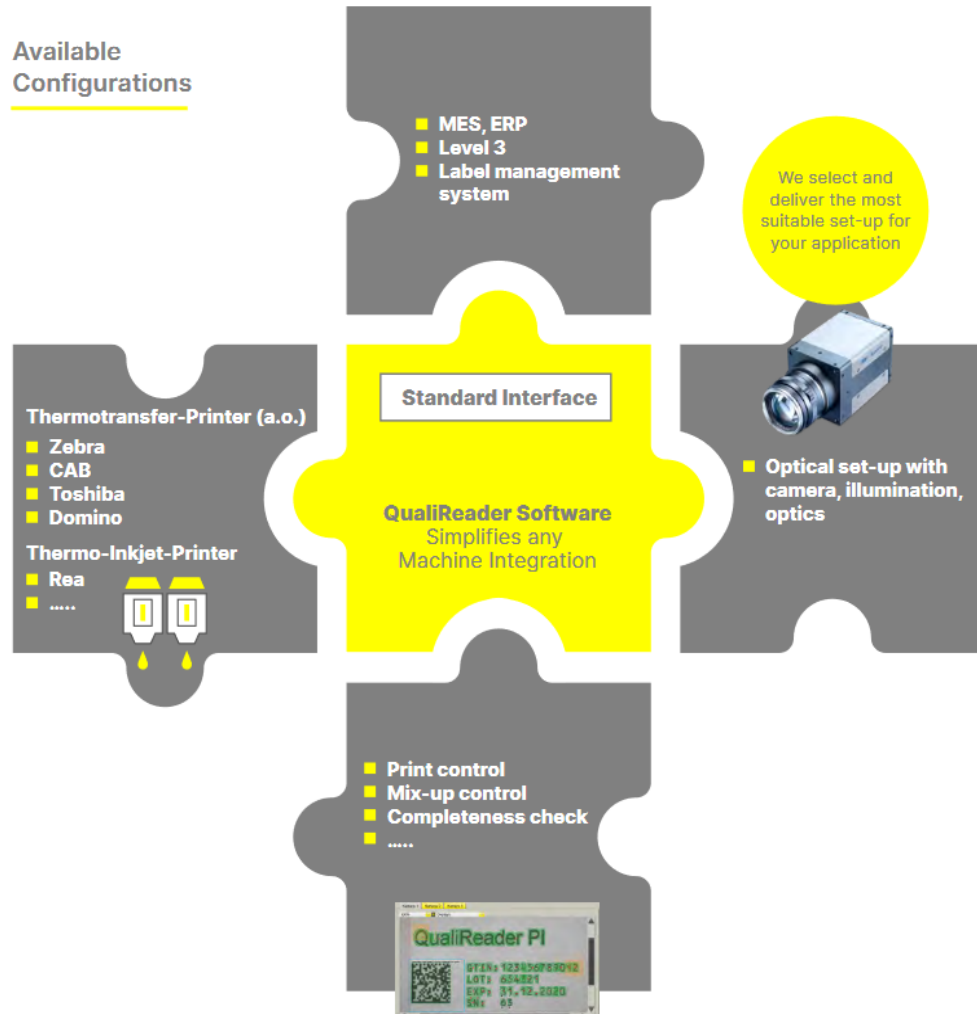
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QualiReader – Extendible + Modular System

Available Configurations

- MES, ERP
- Level 3
- Label management system

We select and deliver the most suitable set-up for your application

Standard Interface

QualiReader Software
Simplifies any Machine Integration

Thermotransfer-Printer (a.o.)
- Zebra
- CAB
- Toshiba
- Domino

Thermo-Inkjet-Printer
- Rea
- .....

- Optical set-up with camera, illumination, optics

- Print control
- Mix-up control
- Completeness check
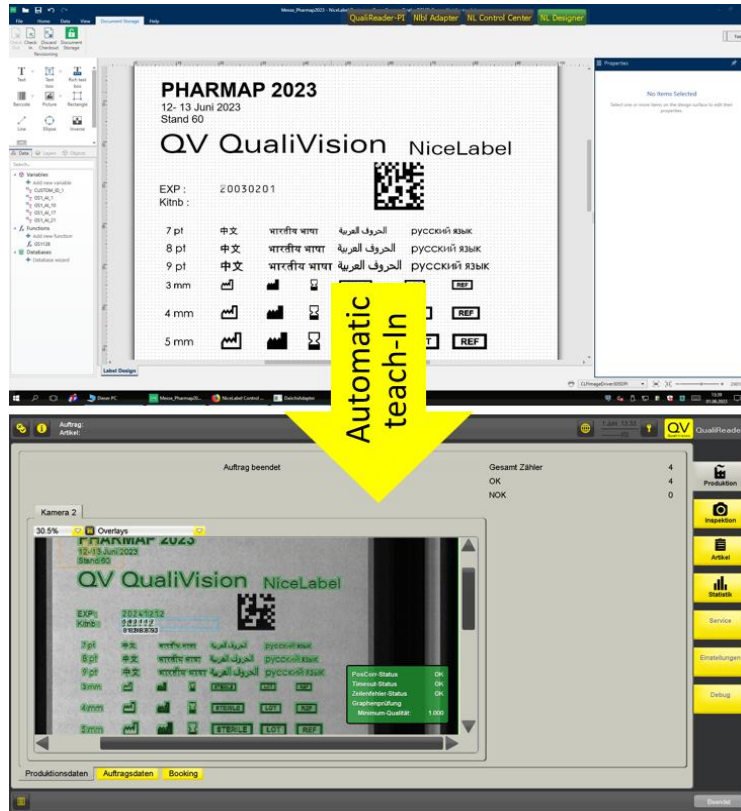- .....

QualiReader PI

- Maybe you want to start with retrofitting a simple **code verification** solution?

- But then later **change the printer** technology?

- And **upgrade the camera** and add additional verifications?

- Integrate into your **ERP/MES** system to reduce human errors?

- And then extend the solution to **serialized** products?

One-Click Print & Inspect – our Unique Feature

No camera re-teach needed when the label changes!
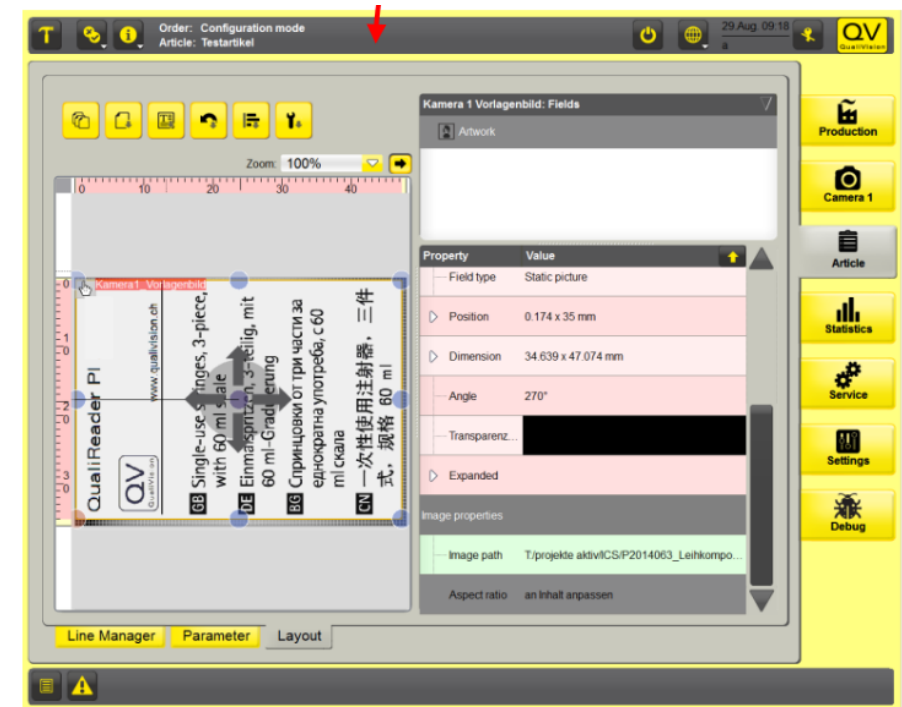
Available in combination with...

...your **label management software** of choice...

- NiceLabel
- OPAL
- ...

... or with our **integrated label layouter**

Thank You for Your Attention

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Interested?

Have a look at our «**one-click print & inspect**» demonstrator in the lobby!

No camera re-teach needed when the label changes!