O2I

Multicode Reader for detection of 1D and 2D codes

Product presentation

Product description
Multicode Reader O2I

It will speed up your processes!

Do you strive for maximum efficiency? Then you will love the O2I Multicode Reader from the start, as it does not waste its time (nor yours!) with time consuming installation procedures. Its motto: Power on and get started.

Once started, the O2I will deal with everything that passes in front of its lens at up to 7 m/s: 1D or 2D codes, printed, lasered or dot-peened, shiny or matt, individually or several codes simultaneously – the Multicode Reader handles it all without breaking a sweat, for efficient process and product control.

Does that sound exciting?
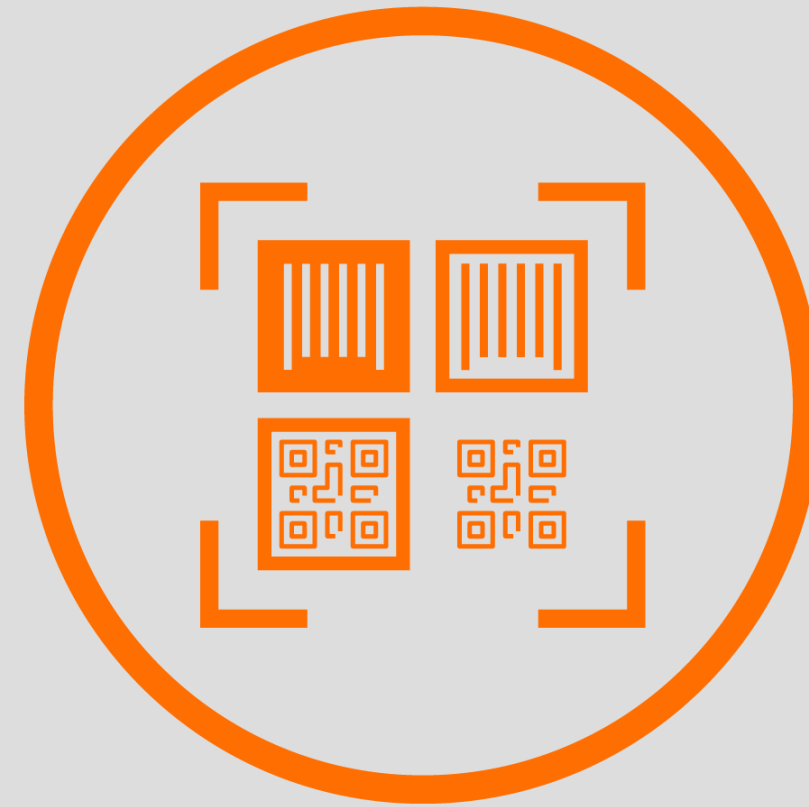Then buckle up and learn more at **www.ifm.com/gb/o2i**

Product advantages
Why O2I?

Easy handling
Easy setting by teaching using one button, or by using the ifm Vision Assistant

Detection of different codes in one image
The auto-find code function automatically recognises several different codes in one image

Independent of colour, properties, shine
Detects codes on various backgrounds without any difficulty

Intelligent interfaces
Freely definable data output via Ethernet/IP or ProfiNet and data migration via ifm memory stick

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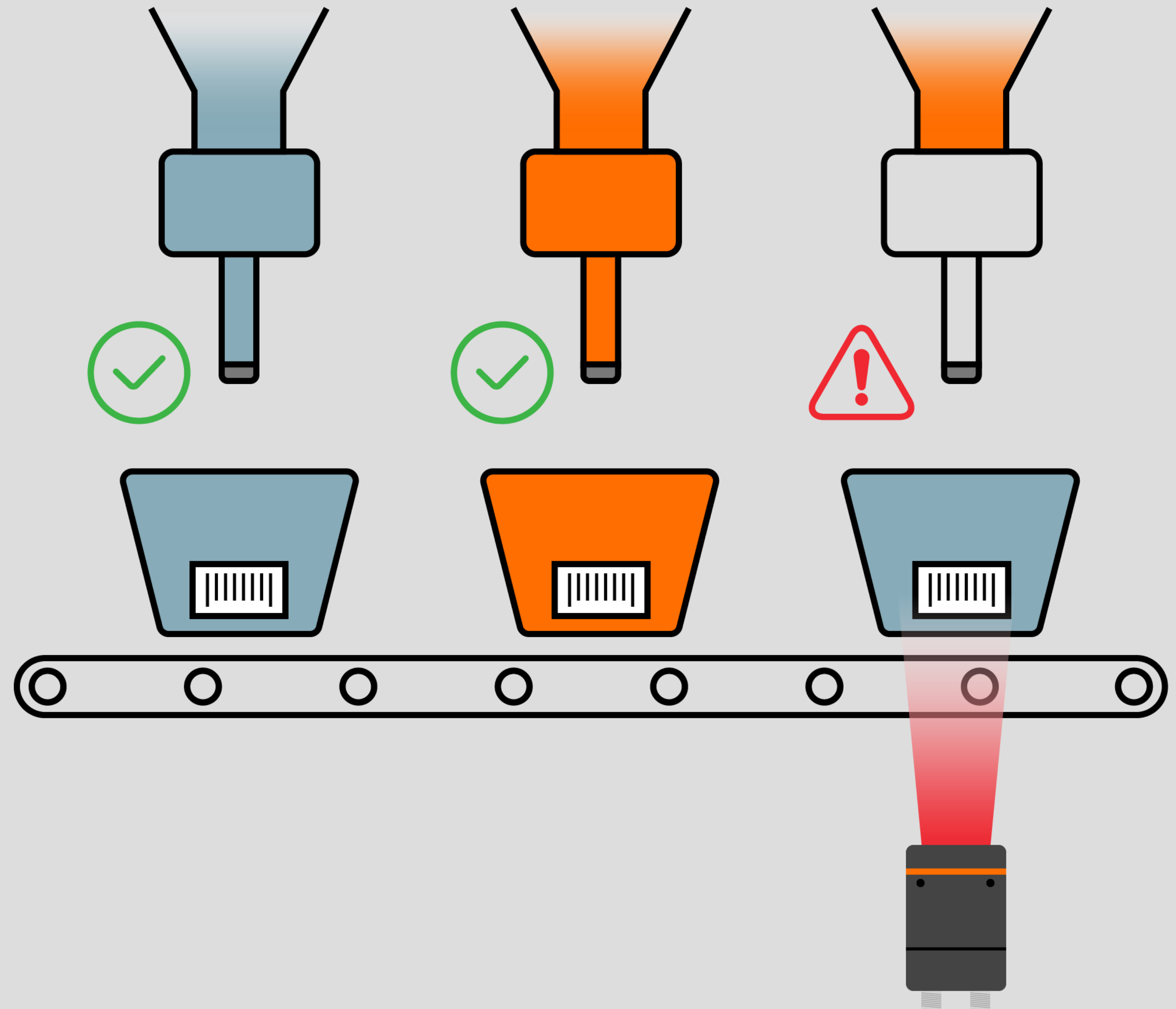
Application overview
Quality Assurance

Filling systems

- Food industry
- Beverage industry
- Pharmaceutical industry
- and more

Advantages

- The right product in the right container
- Having several products on one production line saves retrofitting times
- Fewer complaints with regard to filling errors
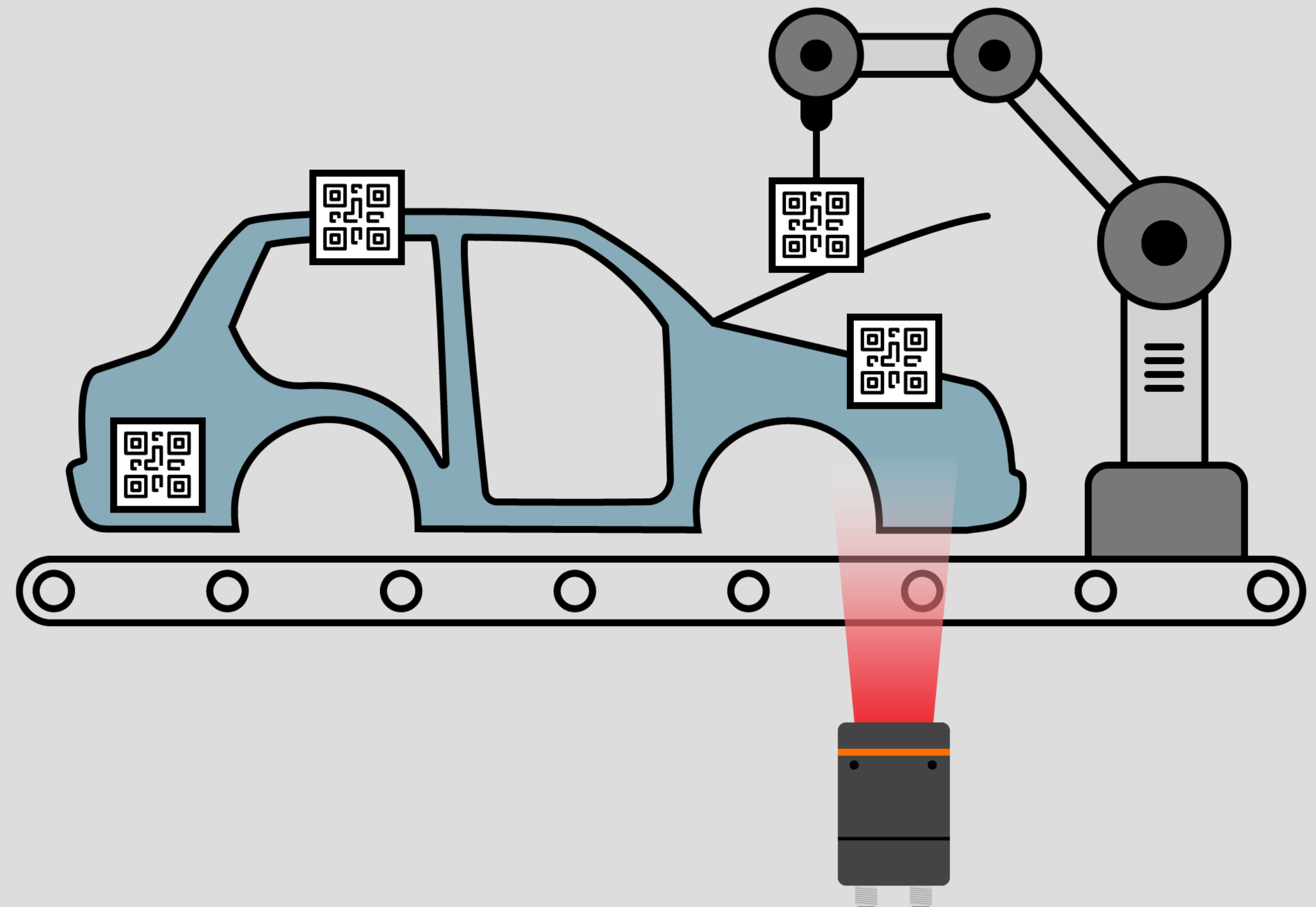
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Application overview
Production control

Production lines

- Automotive manufacturing
- Machinery manufacturing
- Material handling
- and more

Advantages

- In-process verification of production part correctness
- **Assignment of the correct production steps**,
  e.g. welding, painting, mounting
- **Equipment identification**, for example on tool changing

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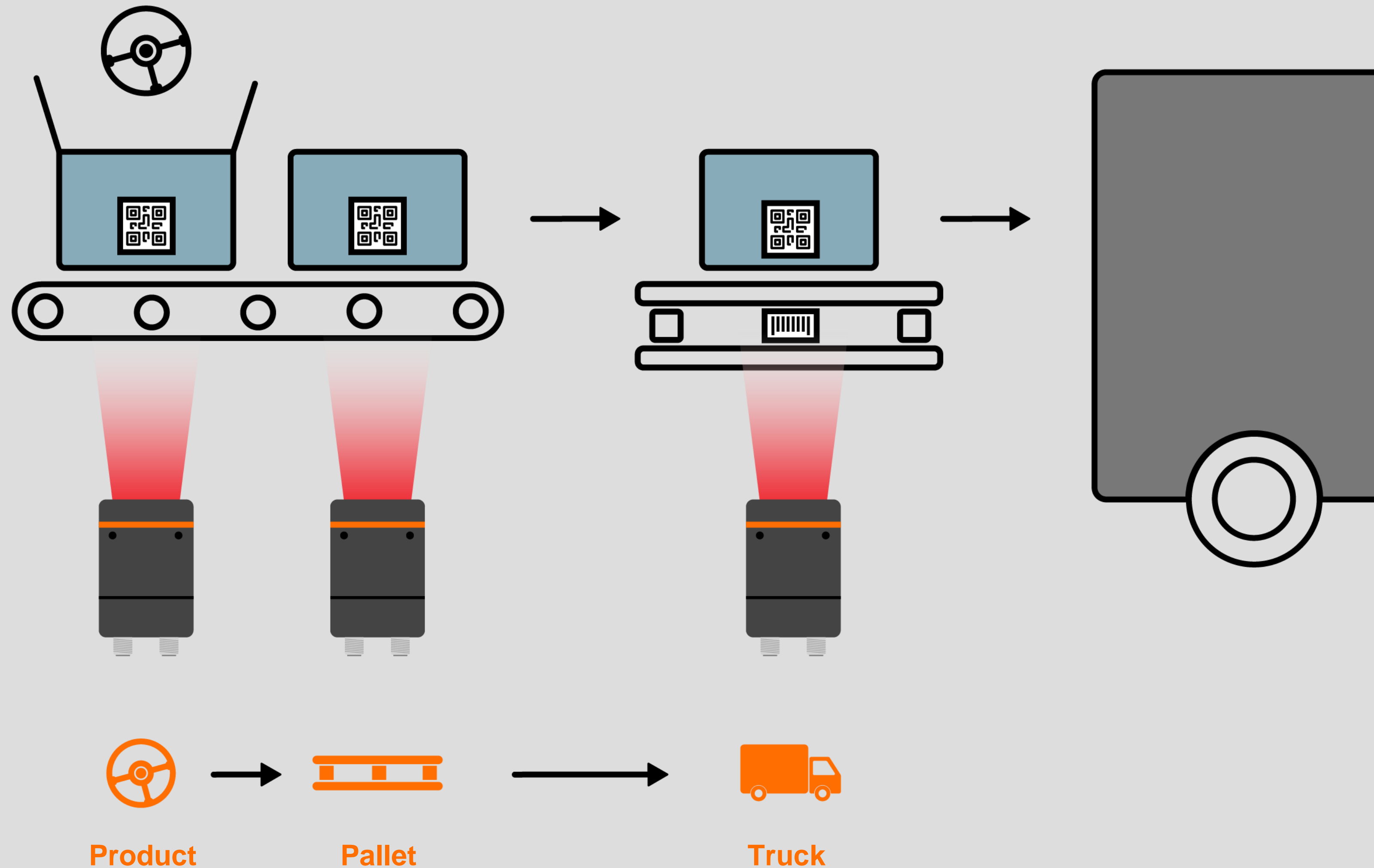Product presentation

Application overview
Sorting tasks

Conveyors

- Logistics
- Industrial automation
- Labelling of workpiece carriers
- and more

Advantages

- **Product tracking and package management**
  e.g. for data-based scheduling
- Time saving due to automated sorting
- Lower error rate as incorrect operation
  by staff can be excluded

Product → **Pallet** → **Truck**

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Good to know
Increase product and process quality

Make processes transparent
Be informed about what is going on, when and where

Optimise material handling
Provide sufficient material in the correct production step

Assure quality
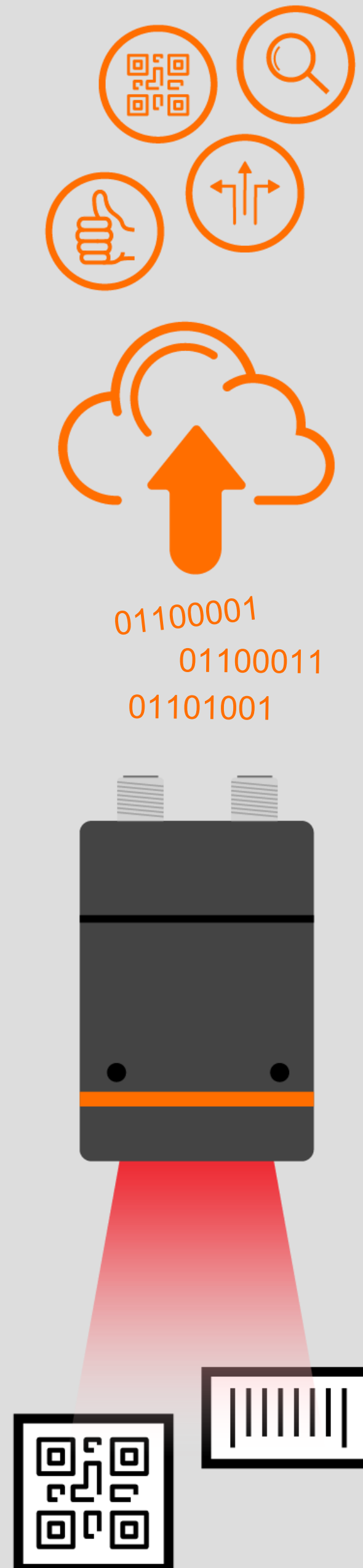Correctly assign components to the final product

Exactly schedule delivery
Data-based control of timed process flows

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