



When to use Smart Camera

Presented by Ing. Frantisek Jakubec
Sales Manager Eastern Europe



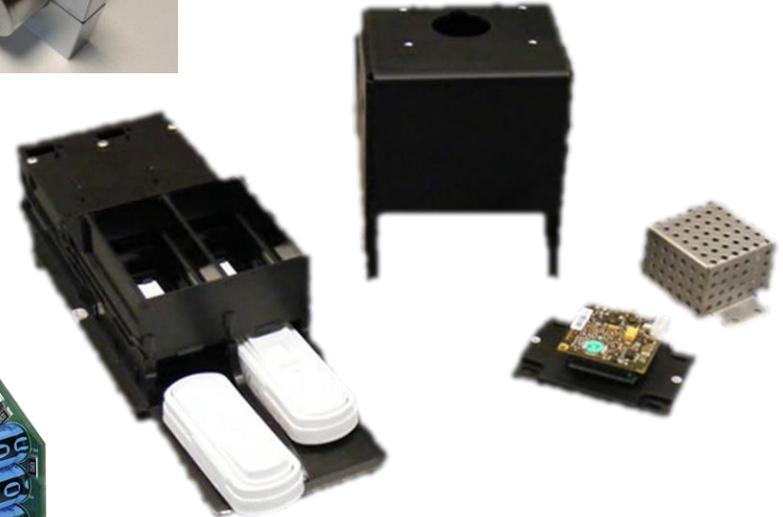
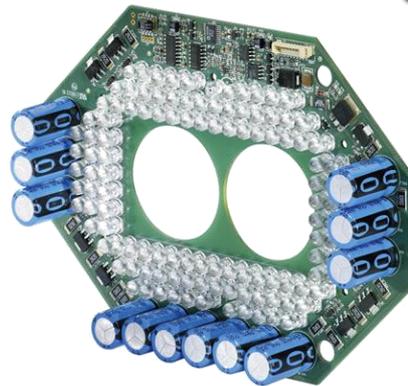
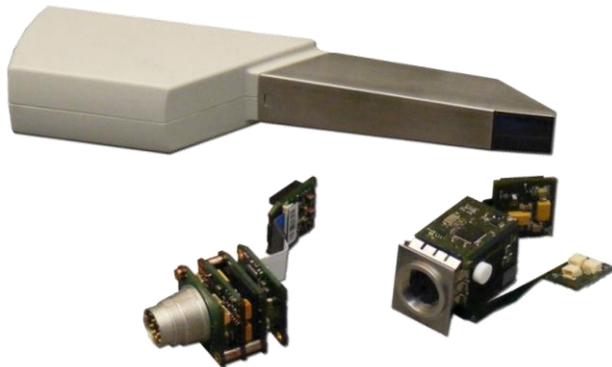
When to use Smart Camera

- **Introduction of the company MATRIX VISION GmbH**
- **Application areas for Smart Cameras**
- **Smart Camera = Simplicity**
- **Smart Camera – Product philosophy**
- **Features of the Smart cameras**
- **How to configure Smart Camera**
- **Who is using Smart Cameras**

When to use Smart Camera

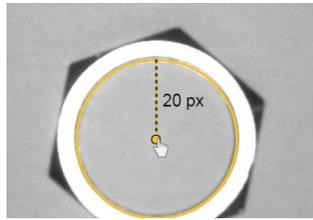
MATRIX VISION is your partner for:

- Image processing components
 - Industrial cameras
 - Smart cameras
 - PCI and PCI Express frame grabbers
 - Software tools
- Custom developments in hardware and software

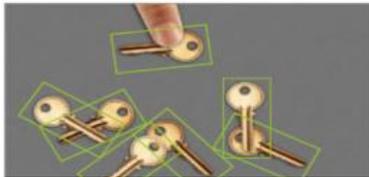


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Application areas:



Measuring



Sorting & Counting



Identification



Pick & Place

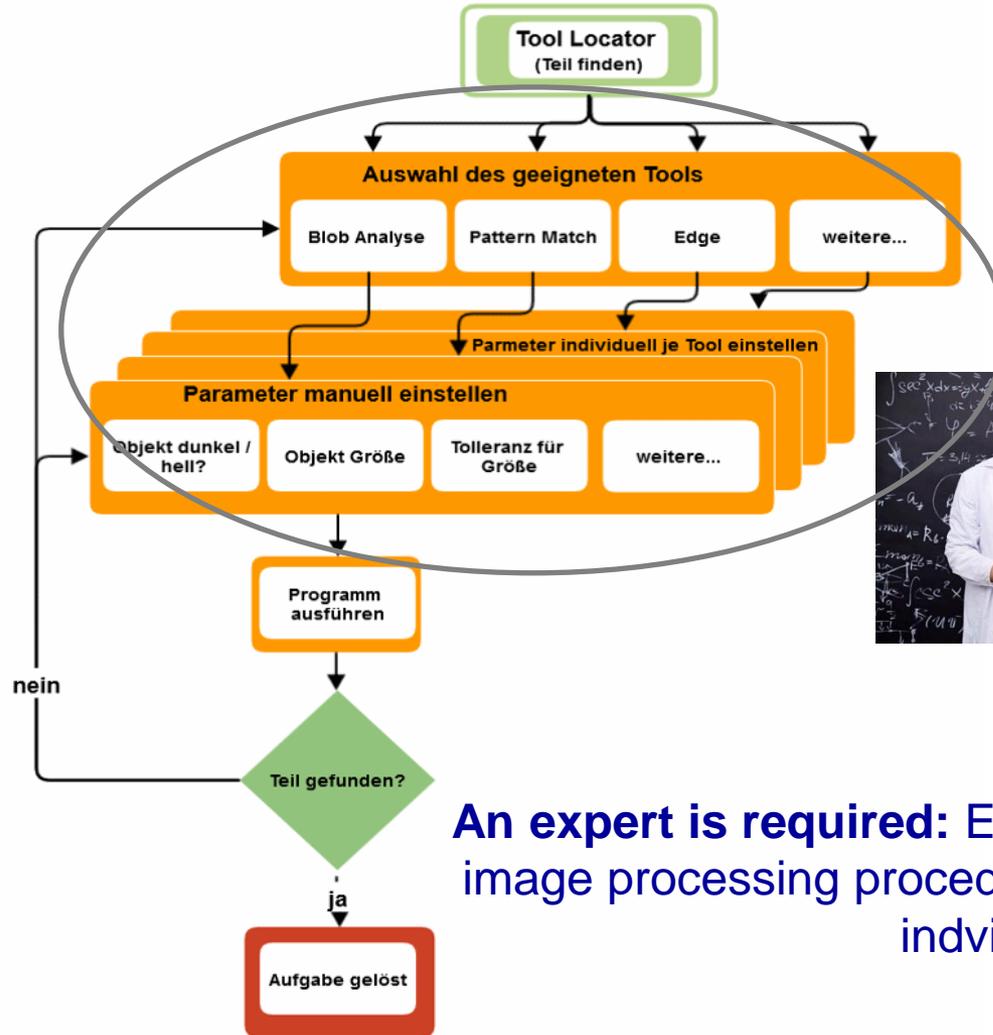


Quality assurance

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SIMPLICITY

Standard cameras

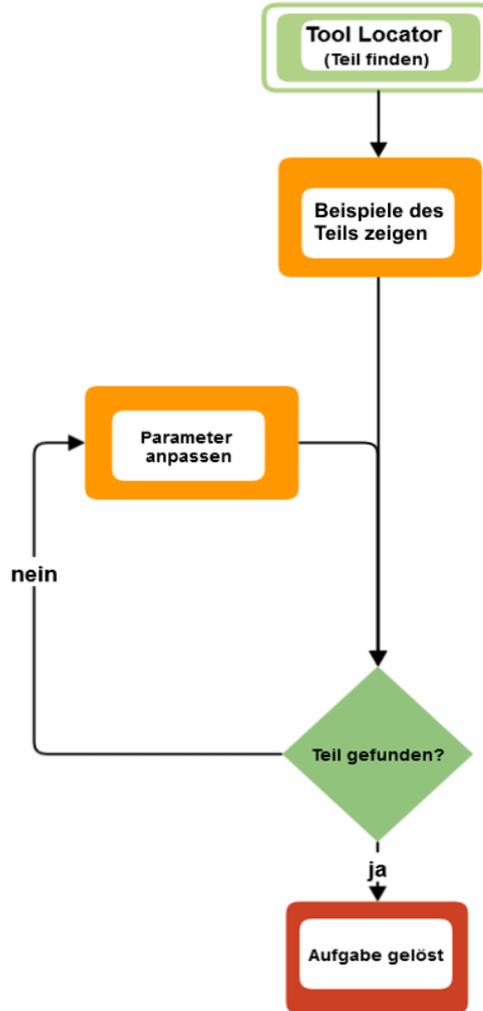


An expert is required: Expert selects the image processing procedure and sets the individual parameters

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SIMPLICITY

*Smart
cameras*



No expert is required: System chooses the procedure itself and sets the parameters with the help of samples

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Smart Cameras – Product philosophy

Intuitive & easy to configure Smart Camera

Intuitive:

- ▶ With a few steps to the complete inspection



Efficient:

- ▶ High performance



Multi-platform:

- ▶ Runs on camera, Windows/Linux PC (offline)
- ▶ Access via PC, tablet, smart phone



Extendable:

- ▶ Allows to include own tools

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Features of Smart Cameras

- ▶ Easily find the camera in the network
- ▶ Web interface (no SW installation necessary)
- ▶ Multi-client, simultaneous access of several devices (PC, tablet, smartphone)
- ▶ Easy to adapt GUI (logo, color, icons, texts)
- ▶ Logging of user activities and error states
- ▶ Result statistics
- ▶ Managing of several inspection programs
- ▶ Access protection and user management (user, technician, expert, administrator)
- ▶ Regular expansion of functions
- ▶ Remote controlling and data exchange via for example RS232 / UDP / fieldbus etc...
- ▶ Saving reports on remote network devices

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ICS

mvIMPACT Configuration Studio

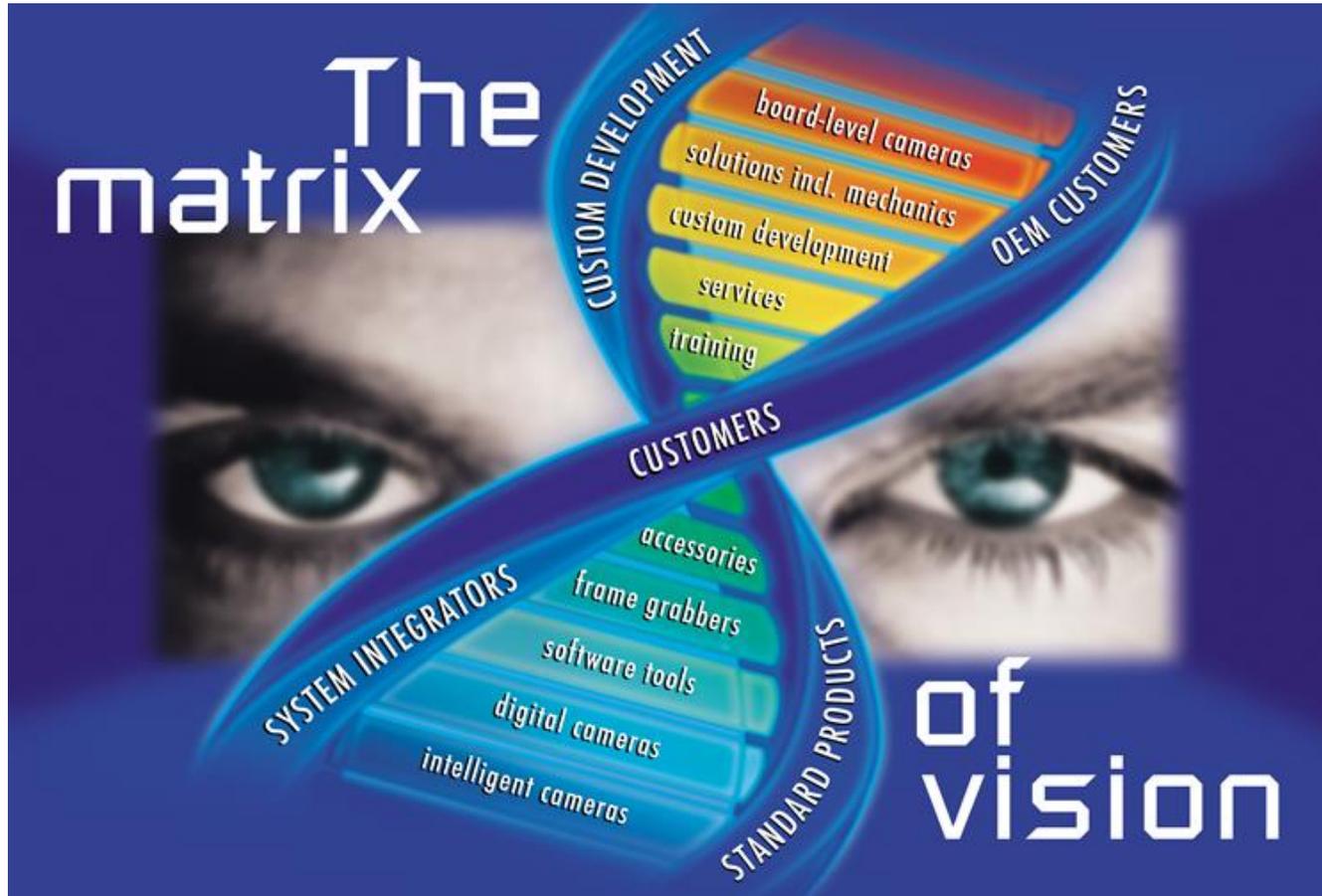


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Who is user of the Smart Cameras

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Thank you for attention



Live tests can be done in Hall 3 Stand G2A