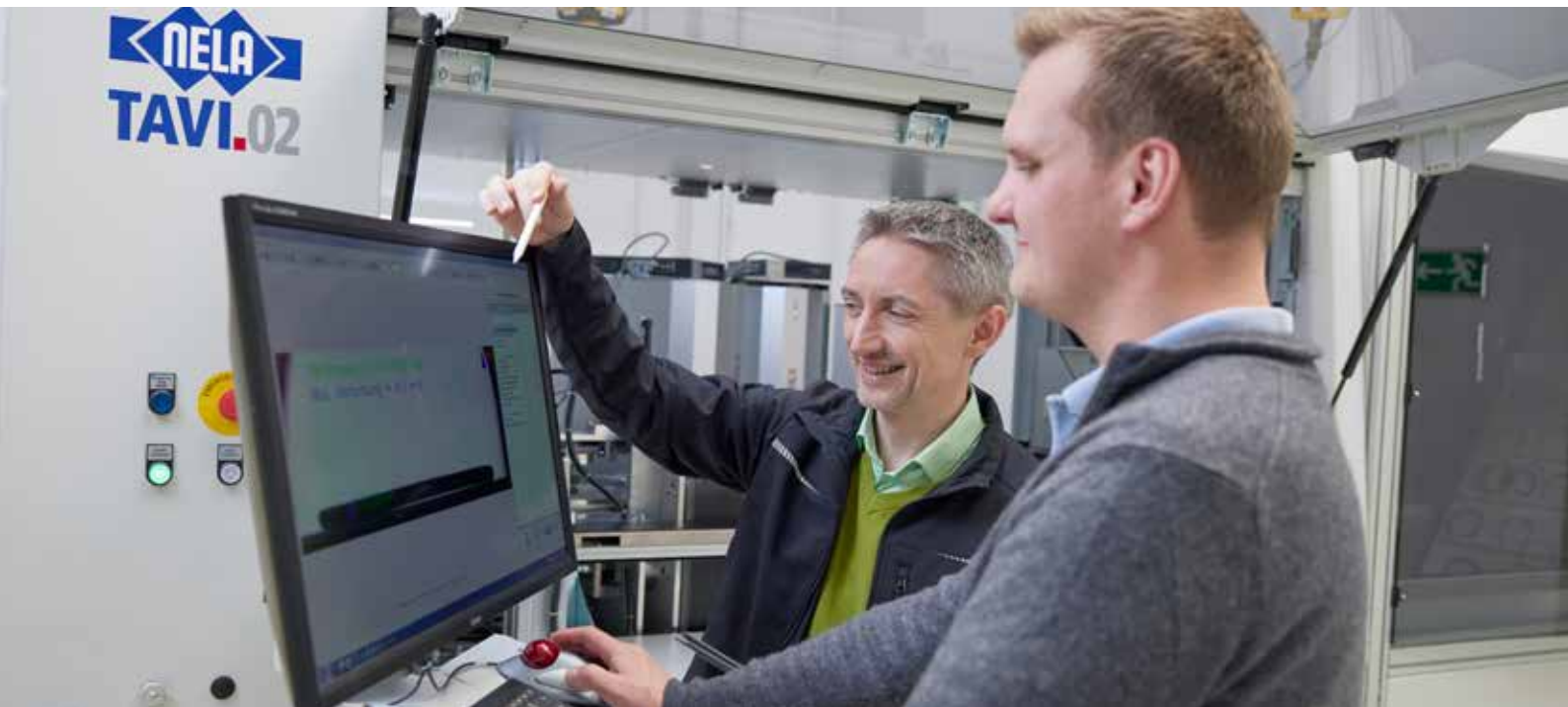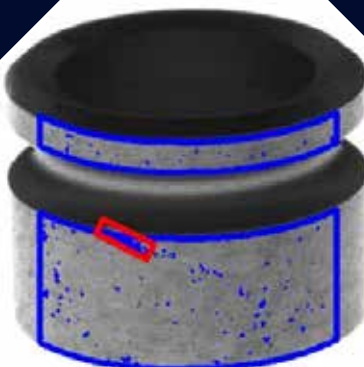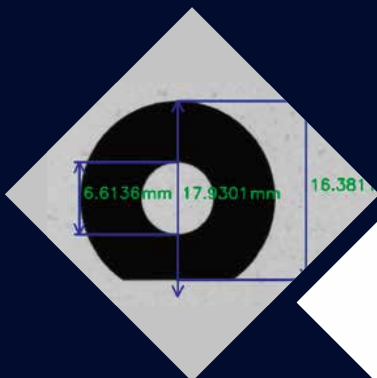**NELA**

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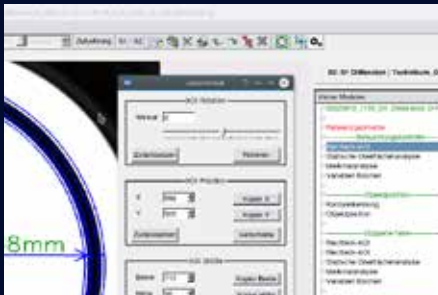

VisionCheck
Machine Vision Software

The image processing software VisionCheck from NELA is a comprehensive software for the program-based inspection of dimensional accuracy, as well as thread and surface inspection of serial parts.

It offers extensive functions for data exchange, e.g.:

- OPC-UA-Interface for status information
- MDA-PDA-Interface
- Measurement value output
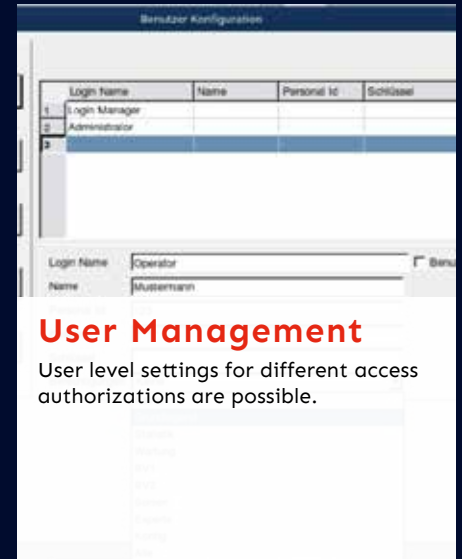
Quality is Everything

Modular Design
A large number of modules enables the intuitive creation of inspection programs for dimensional accuracy, thread and surface control.

Intuitive Interface
All essential parameters are set via the clearly laid out user interface.

User Management
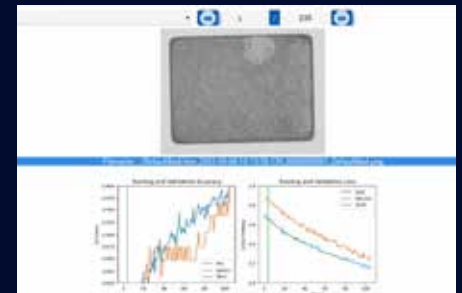User level settings for different access authorizations are possible.

Statistics Function
Display and output of statistics for the overall evaluation or for individual inspection sensors.

Communication
All inspection systems and integration sensors are available with Industry 4.0 communication based on the OPC-UA standard, as well as MDA/PDA interfaces. This enables cross-factory communication.

Deep Learning
Deep learning-based image analysis delivers excellent results, e.g. in complex cosmetic inspections, in the classification of texture and material, or in the localization of deformed and variable features.

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