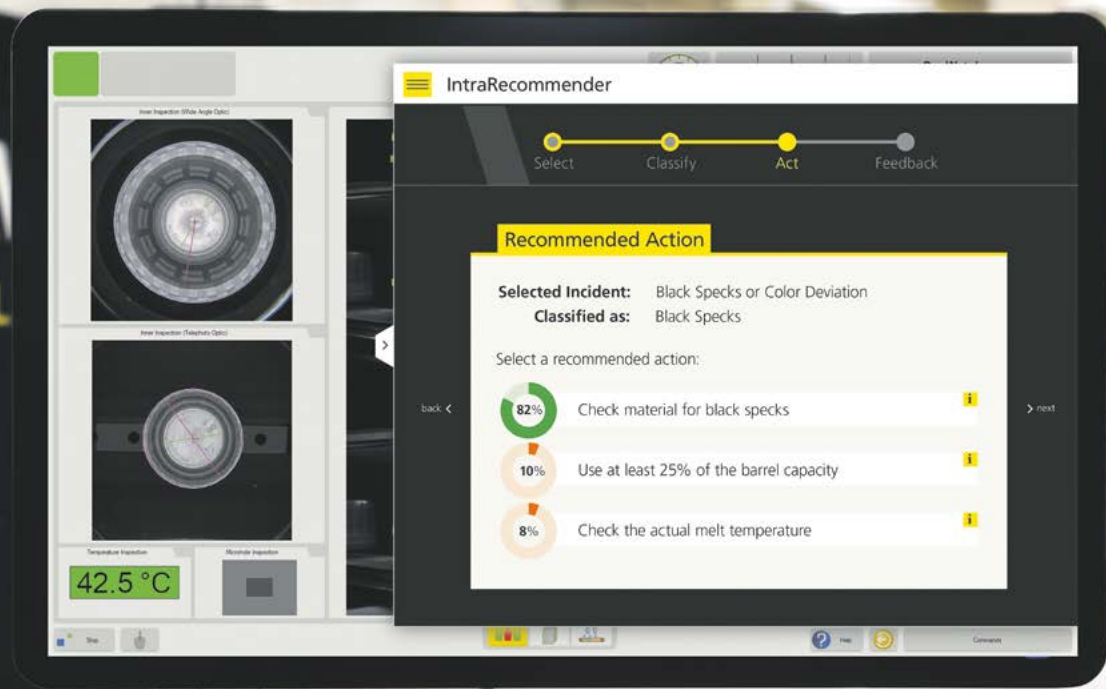# IntraRecommender

RECOMMENDED ACTIONS TO OPTIMIZE THE PRODUCTION PROCESS

The IntraRecommender is your intelligent production assistant. Through recommended actions, every machine operator can immediately make the right decisions to solve production issues and reduce machine downtimes significantly. Production process optimization as well as the overall effectiveness of your production line will be raised to a new level.

Recommended actions of IntraRecommender help to optimize the production process

Your advantages

\ **Increased overall equipment effectiveness** (OEE) through analysis of product and process data

\ Significant **reduction of machine downtimes** through real-time recommendation

\ Keeping your **know-how always in your hands**, the IntraRecommender multiplies the expert knowledge around your production processes through an extensive knowledge database

\ **Simplification of everyday work** of your employees thanks to intuitive and ease of use software
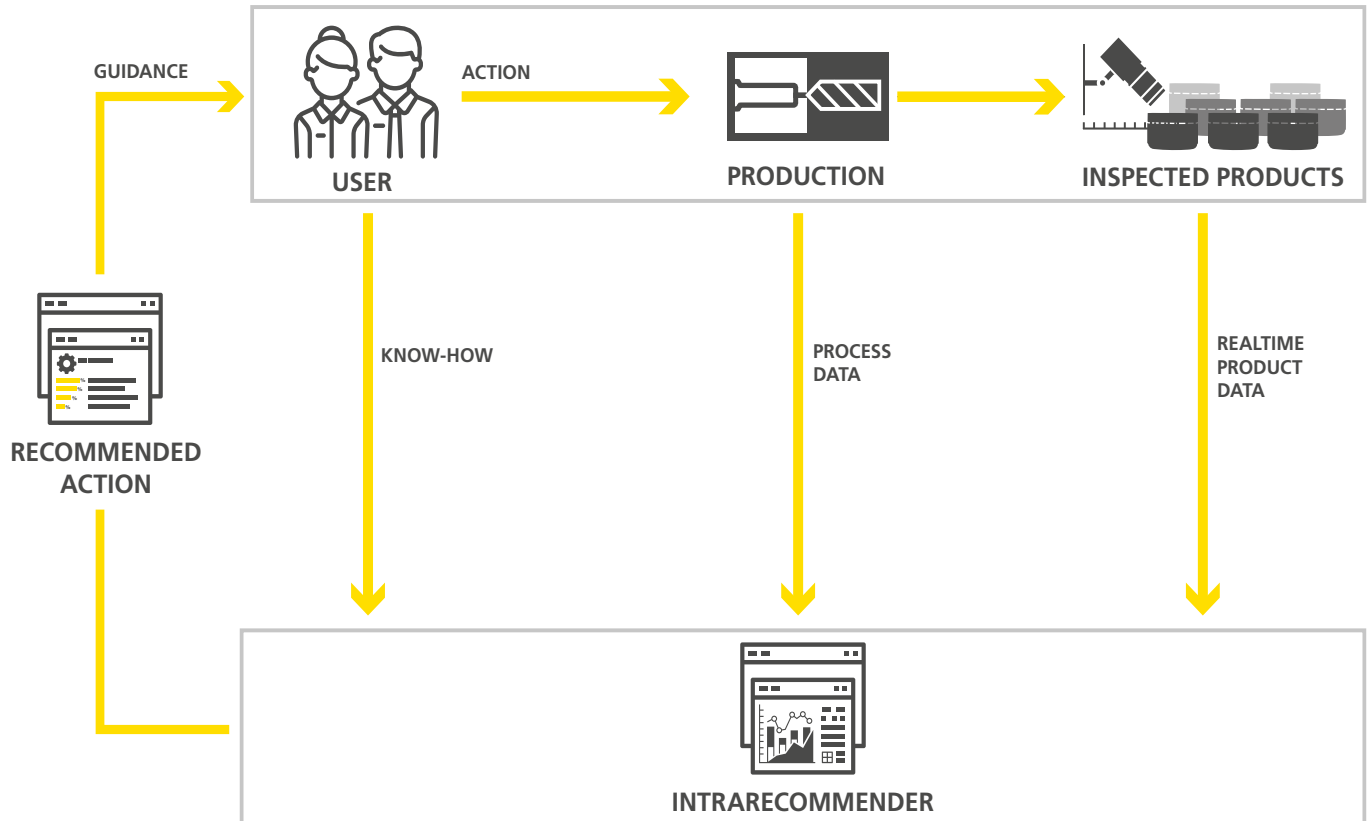
The IntraRecommender **collects high-precision quality data** from your INTRAVIS inspection system during production. At the same time, the IntraRecommender receives a variety of important process data from the injection molding machine, hot runner, cavity pressure sensors and more via an OPC UA interface according to the EUROMAP standard.

Machine learning algorithms analyze product and process data in real time, **recognizing correlations and combining them with your process know-how**. Based on this comprehensive database, the machine operator receives **recommendations for**

optimizing the production process. These recommendations are weighted by probability and can be processed according to prioritization.

Thanks to the feedback of the machine operator, the IntraRecommender will recognize successful recommendations and it will adjust the likelihood accordingly. As a result, the IntraRecommender continuously learns and grows an **extensive knowledge data base, specialized to your production processes**.

With the help of IntraRecommender, every machine operator receives the same **reliable recommendations for action** - while the task remains the same

- and can immediately make targeted decisions in the event of a problem.

The IntraRecommender is your personal production assistant. It comes with a standard solution database and develops around your production processes, **keeping your know-how in your hands**. In addition, it **avoids protracted production downtime, increases efficiency in all production shifts, and facilitates the daily work** of your production employees.

WE SOLVE PROBLEMS.
BEFORE THEY OCCUR.

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