# IntraVisualizer

## VISUALIZING THE ENTIRE PRODUCTION

Are you looking to improve productivity? Reduce scrap? Complete production control with easy supervision? Then the IntraVisualizer by INTRAVIS has got what you need. It is a complete software that analyzes and visualizes the performance data of all INTRAVIS quality control systems in your facility.



*The user can totally customize the dashboard of the IntraVisualizer*

INDUSTRY 4.0 SOLUTIONS

To use the IntraVisualizer, INTRAVIS inspection systems are simply connected to a central SQL database. Designed for intuitive interaction, the easy-to-use software and browser-based interface do not require complicated training. All relevant characteristic production numbers are turned into figures. The software is also usable with a touchscreen interface, allowing to be used on a portable tablet device.

Users can choose the monitored values like ovality, contamination, notches and others by one click or touch on the screen. The dashboard can be configured easily and individually by and for every user.

The IntraVisualizer receives all needed information from
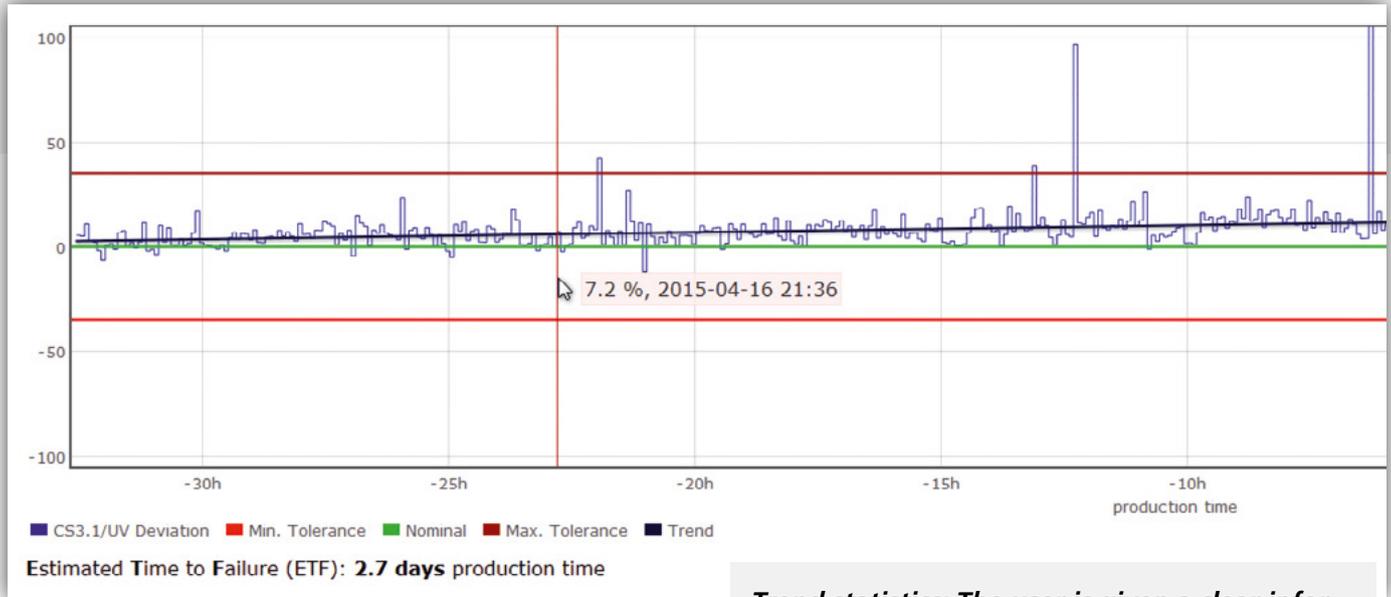
### IntraVisualizer at a glance

\ Turning all relevant production numbers into clear visual figures
\ Easy to set up, customizable to your individual needs
\ Usable via keyboard, mouse or touchscreen
\ Various charts on defect types and defect rates for every single cavity
\ Trend statistic alert users before defects occur
\ Comprehensive statistical options

one web server. When accessing it, the software can **visualize different "epochs"** like shifts, days and batches. The user receives instant answers to his questions: What is the production rate, which cavities cause defects and what are the main reasons for rejects?

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*Trend statistics: The user is given a clear information on the Estimated Time to Failure (ETF)*
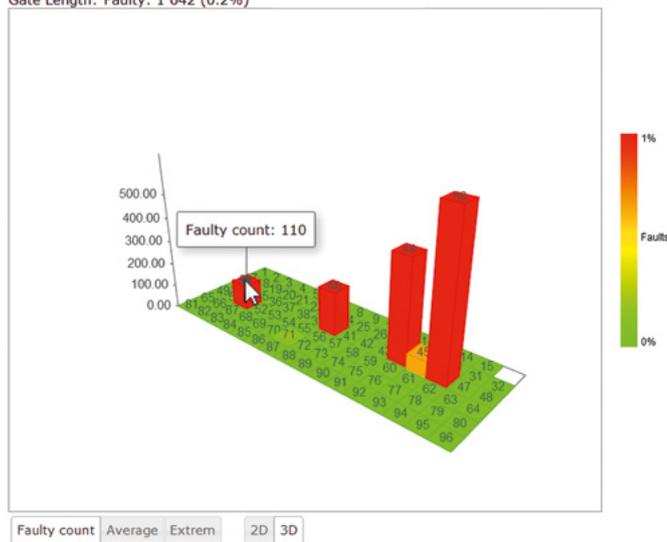
The software creates a **trend statistic** that prevents the production from producing too many waste objects in the future. As soon as a trend stabilizes and may lead to an unwanted deviation within a certain period of time, it automatically notifies the operator via email.



*A 3D mold diagram unveils fault rates for every cavity*

The IntraVisualizer is also able to generate **3D mold diagrams** to give the operator precise information on defect types and defect rates of single cavities. It not only displays the figures of different INTRAVIS systems like CapWatcher® S-Line, PreWatcher® Inline or Sample-PreWatcher®. Also, the figures of inspection systems at remote locations can be shown on the dashboard at a glance.

In addition, a **long term data analysis** can be created helping to avoid future defects. Also, the process capability numbers $C_{PK}$ and $C_P$ values can be measured. Measurement images can be stored and displayed in the IntraVisualizer.

In a nutshell: **The IntraVisualizer is a software tool that helps to improve productivity by visualizing detailed control of an entire production.**

WE SOLVE PROBLEMS.
BEFORE THEY OCCUR.

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