



LIVE for QTM

PRODUCT QUALITY AND MACHINE PERFORMANCE SOFTWARE

DESCRIPTION

“Cerulean Live” is a solution specifically designed for QTM machines that enables digitalisation and transmission of “Product Quality Information” and “Machine Performance Information”.

Product Quality Information:

Specification: Target and tolerance by products. In the networked version, specifications & tolerances can be set centrally for any QTM station*.

Control plan: The user can set different alert rules for different products. Users can set a strict alert trigger when 3 consecutive readings in amber zone occur or a less strict rule that only triggers alerts after 5 consecutive data are in amber zone.

Alerts: On-screen and via email* (networked version)

Dashboards: Control Tower monitoring enables top-line overview of factory quality performance in one glance. This also includes Cpk Dashboard*.

Machine Performance Information

Preventive Maintenance: Enables users to perform preventive maintenance and set up regular maintenance notifications. The software initiates the maintenance action to be performed which is triggered based on a defined timeline that can be tailored to different environments or production volume.

Root Cause Analysis: The software also contains a comprehensive list of error codes and can guide the user to the correct trouble-shooting steps in case of machine error. The guidance is performed using tools including text and video for ease of use.

Integration: API enables Data to be extracted by factory to other information systems for different kinds of business analysis.

*Note: Networked version required for full functionality

BENEFITS

- Better product quality with customisable quality control plans
- lower waste (due to quality issue) as prompt action can be taken with timely notification to operators & QA
- Improved product quality with information for continuous improvement
- Efficient quality data analysis as data is readily available in structured format
- Increase machine utilisation as virtual engineer can prompt troubleshooting steps for 1st level self-help troubleshooting

TECHNICAL SPECIFICATIONS

The Live PC must conform to the following:

Hardware Requirements:	15.6" monitor with 16:9 widescreen display IP65-rated front panel for water and dust resistance Supports both landscape and portrait screen orientations VESA 75 mm standard mounting holes for varied mounting demands Detachable frame design for panel mount applications
Software Requirements:	Win 10 IoT Enterprise 64bit
Target and Tolerance parameters:	Envelope ventilation, hardness, length, ovality, pressure drop, roundness, shape, size, ventilation, weight and more

A) Product Quality Info



B) Machine Performance Info



IPC
(Industrial PC)



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