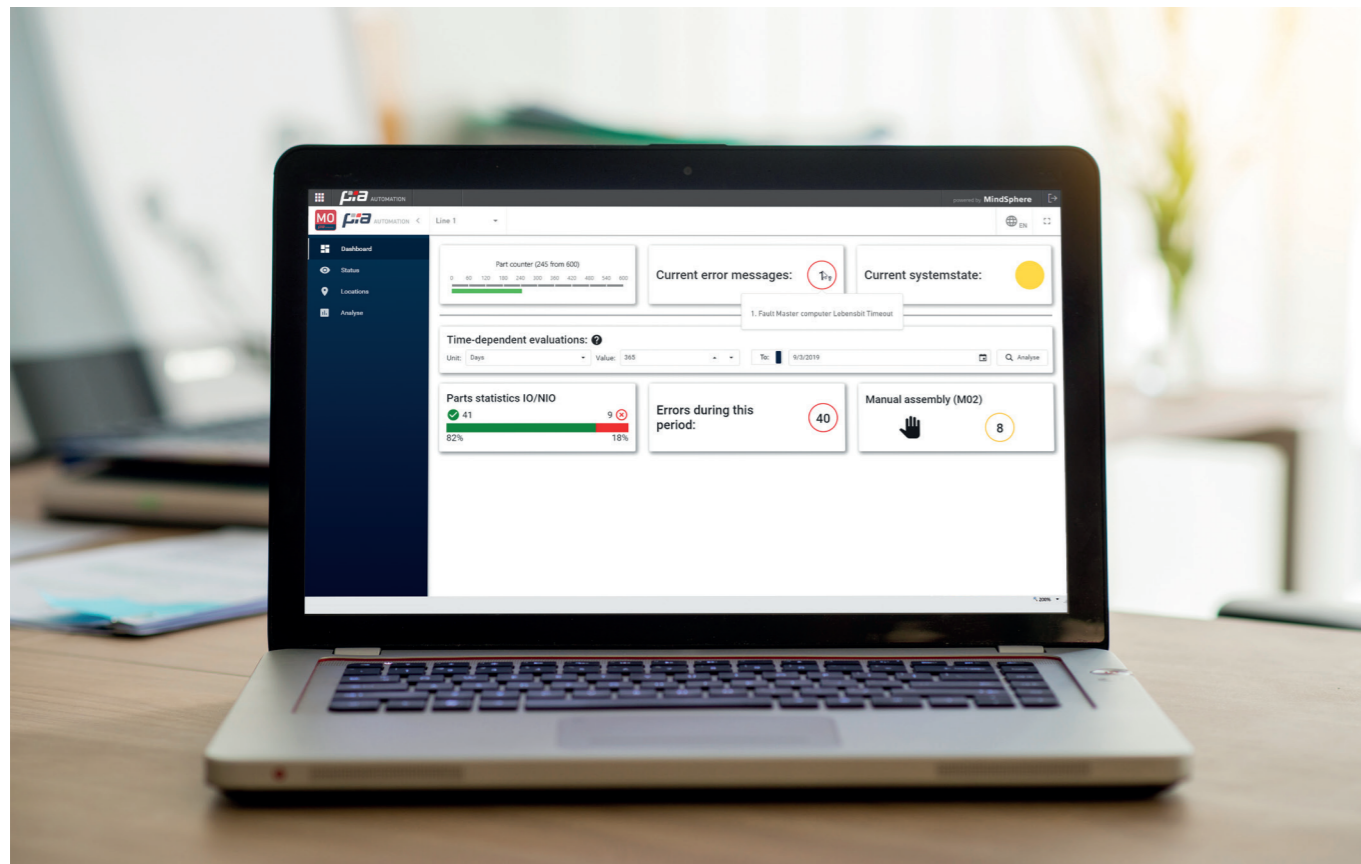


THE PERFECT WAY TOWARDS GLOBAL
SYSTEM MONITORING

piaMonitor

Worldwide monitoring and control of various
production sections.



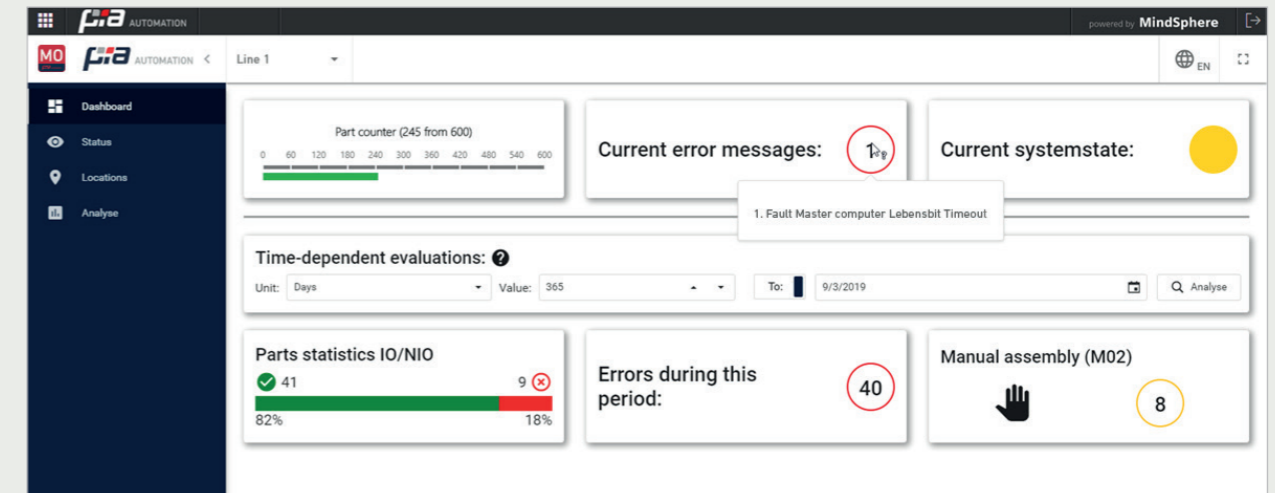


MONITORING TOOL FEATURES

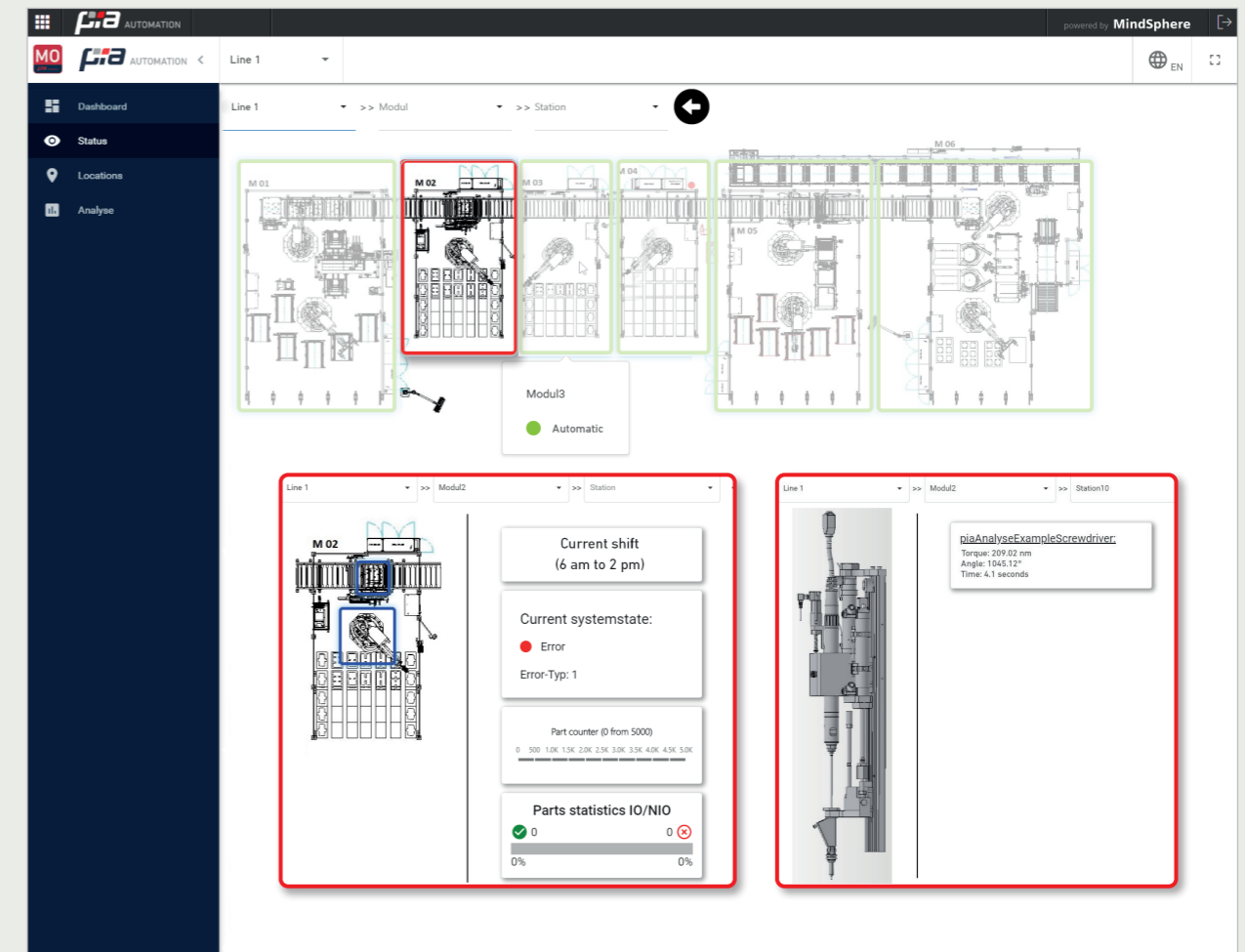
- Dashboard with all current system status information
- Dashboard with time-related evaluations regarding parts statistics and errors that have occurred
- Graphic system overview down to sensor level with status indicator and further additional information
- Global site overview with status indicator for all systems
- Graphic evaluation of historic sensor data
- Cause identification support

piaMonitor SCOPE OF SOLUTION

Dashboard with current status information and time-related evaluations



System visualization down to sensor level



piaMonitor

THE PERFECT WAY TOWARDS GLOBAL SYSTEM MONITORING



piaMonitor offers system operators the possibility to break their production down to measurable units and targets. This allows them to monitor and control various production sections from any location in the world. Information recorded by piaMonitor and the KPIs visualized by it draw on a common basis, are transparent and can thus be compared to one another. The simple yet flexible data connection of all existing PLC units allows for fast, time-saving recording of production data.

With piaMonitor, production managers gain deep insights into ongoing processes and can make decisions to later increase the performance of the entire company. By using the extendable web interface, the current system states which contains the number of parts produced so far and pending error messages, can be displayed in an individualized dashboard.

Furthermore the tool offers the possibility to perform time-related evaluations – for instance to check the quality of produced parts (OK/NOK). Using a site overview the state of systems distributed worldwide can be recorded, analyzed and visualized down the station level.

piaMonitor runs as an app in Siemens MindSphere and can be accessed easily via the Launchpad. System data is sent to MindSphere via a gateway and centrally stored there.

INITIAL SITUATION

Finding the causes of changes to the production output of a system compared to measurable units and targets is a challenge. piaMonitor provides answers to the following questions:

- How can I monitor my systems globally?
- How can I view the state of all my systems at a glance?
- How can I get detailed status information on my systems?
- How can I view the production rate for a certain period?
- How can I visualize the state of my system?
- How can I view the state of the individual modules?
- How can I get detailed information on my system's modules?
- How can I view sensor values and processes in different stations?
- How can I analyze historic sensor data?



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