

NEXEED PRODUCTION PERFORMANCE MANAGER

Software for the systematic and sustainable optimization of production



Nexeed Production Performance Manager

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Nexeed Production Performance Manager Challenges



**Lack of
transparency**
And Inefficient systems

Too many rejects
Quality defects in production
are not recognized early
enough

**Unexpected machine
downtime**
No collective digital control
of all machines

Nexeed Production Performance Manager Approach

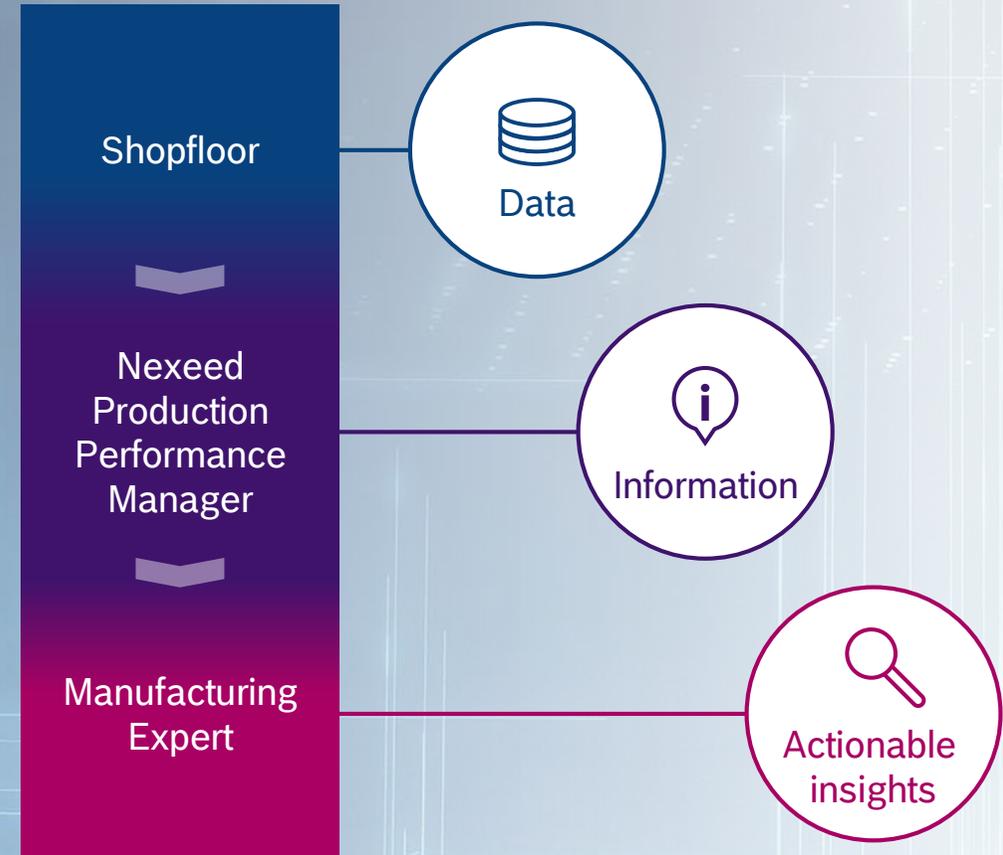


The software records and harmonizes production and machine data from the shopfloor in real time.

Data can be individually visualized and analyzed.

Employees receive “actionable insights” for systematic production optimization.

The software is user-centric and aligned with the technical requirements of production employees.



Nexeed Production Performance Manager

Use case overview



Condition Monitoring

Permanent status analysis for maximum transparency in production



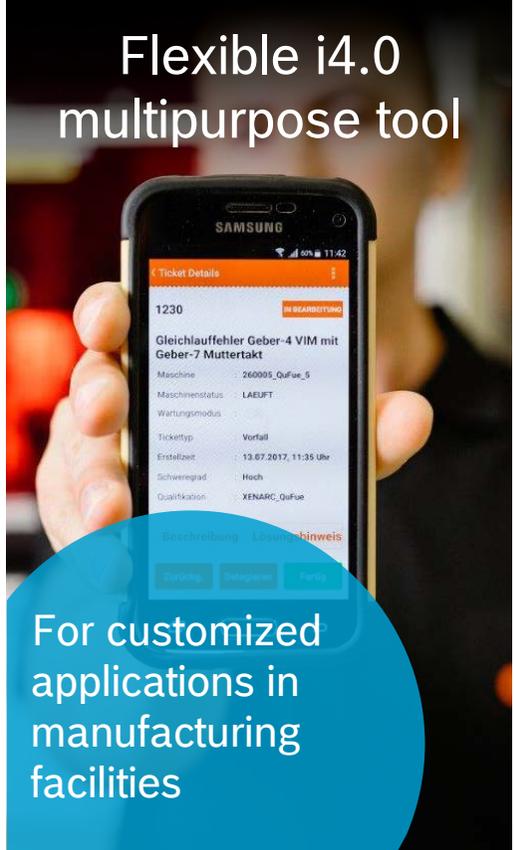
Live Process Data Analysis

Reducing production errors and process deviations to a minimum



Predictive Maintenance

Configurable rules, automatic messages and job assignments



Flexible i4.0 multipurpose tool

For customized applications in manufacturing facilities

Ticket Details	
1230	IN BEARBEITUNG
Gleichlauffehler Geber-4 VIM mit Geber-7 Muttertakt	
Maschine	260005_Qufue_5
Maschinenstatus	LAEUFT
Wartungsmodus	
Tickettyp	Vorfall
Erstelzeit	13.07.2017, 11:35 Uhr
Schweregrad	Hoch
Qualifikation	XENARC_Qufue

Nexeed Production Performance Manager

Brief software overview



The screenshot displays the 'Device Status' page in the Nexeed PPM software. On the left is a navigation sidebar with options like 'Device Status', 'Subscriptions', 'Tickets', 'Device Management', 'Line Monitoring', and 'Ticket Administration'. The main area shows a grid of machine status cards for various equipment such as 'Laser', 'Milling Machine', 'Laser 2', 'Band Saw', 'Hydraulic Press', 'Drill Press', 'Grinder', 'Notching Machine', and 'Riveting Machine'. Each card lists the machine's status (e.g., 'Incident', 'Planable') and counts for incidents and planables. A large data visualization chart in the center shows 'voltage & current' over time, with a legend for 'current (A)' and 'voltage (V)'. The chart includes a 'Live' tab and a 'Process' bar at the top. A secondary chart on the right shows 'Torque over Angle' with a legend for 'Torque' and 'Angle'.

Overview of the status of all monitored machines

Enables full-screen mode to monitor certain measurements directly at the production line

Displays all measurements from different sources in one view

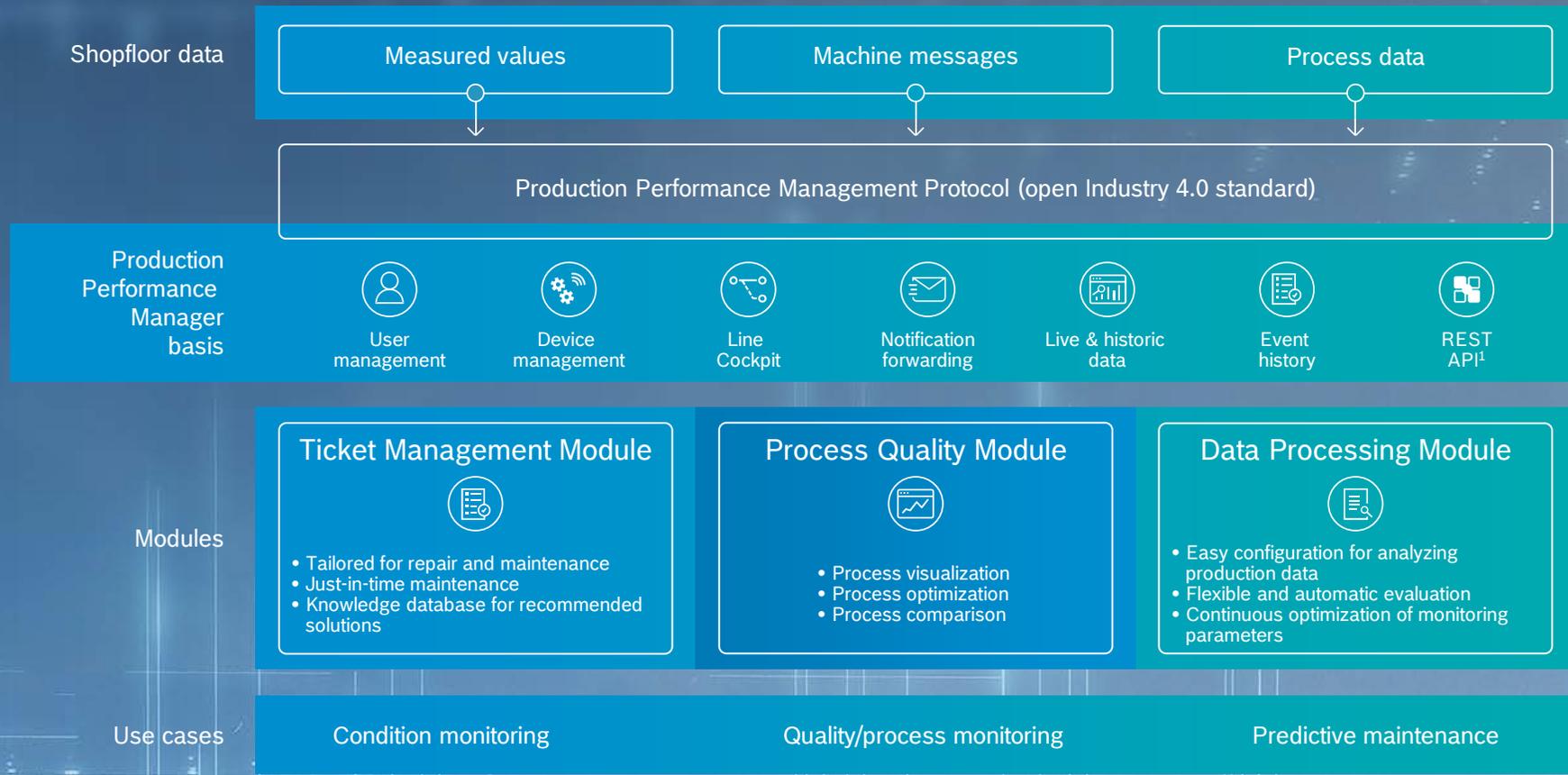
Displays latest 100 processes in real time

Filters by date, program, part type ID, part ID

Compares different process curves

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Technical overview



Nexeed Production Performance Manager

Benefits



Full transparency: machine and process data available live at any time

Higher efficiency, lower costs thanks to optimized digital processes

Employees can contribute their **expertise without the need for special IT skills**

Maximum flexibility and safety for future applications thanks to modern software architecture, documented interfaces and open standard (PPMP)

Up to 15% higher machine availability
thanks to predictive maintenance

5-10% higher production performance
through reduced scrap