

## **AGENDA**

- RÓSLER° finding a better way ...
- SMART SOLUTIONS

- 1 COMPANY
- 2 MOTIVATION AND TARGETS
- **3** RÖSLER SMART SOLUTIONS
- 4 DIGITAL MASS FINISHING
- 5 POSSIBILITIES FOR RETROFIT

# 1. Company



+15.000 Media & Compounds



+15
Training seminars

15 Locations

+150

Distributors globally



1.566

Employees worldwide



95.000 m<sup>2</sup>

Production & Development at the German locations

Quality Made by Rösler



Automation & Digitization

Global Customer Experience Centers

Mass Finishing Shot Blasting AM Solutions



Experience across many industries





## 2. Motivation and targets





"Digitization doesn't need people, rather it expands their possibilities."

Peter Bartels (German Politician)

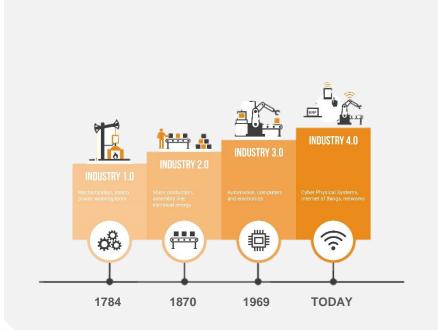
# 2. Motivation and targets

The age of digitization



#### Profit for the customer

- More efficient and faster workflows
- Clarity of work processes
- ▶ Improved service performance
- Optimized use of resources and cost reduction



### 3. Rösler Smart Solutions

Digitization at Rösler





cost transparency

Active
monitoring with
recommenddations for
action

Fast reaction in case of differences or disturbances due to data archiving

Intelligent
process and
system control
with service life
forecasts

Optimized use of resources and cost reductions



Reducing the complexity of process water management by digital support



Digital Process Water Management – the way to Rösler Smart Solutions







### **Digitzation packages**



#### Advanced

- Manual measuring of process water parameters
- Monitoring of the parameters
- Recommendations for the control of the process water



#### Comfort

- Advanced
- + Sensors
  - + Process water parameters
  - + Mass finishing process
- + Automatic control of the process based on the recommended

actions

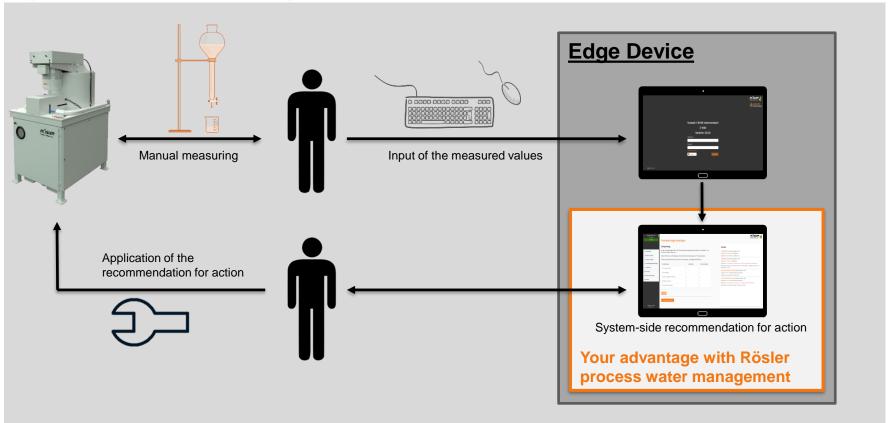
#### **Premium**

- > Comfort
- + Cloud based
- + Online exchange regarding the process
- + Worldwide access

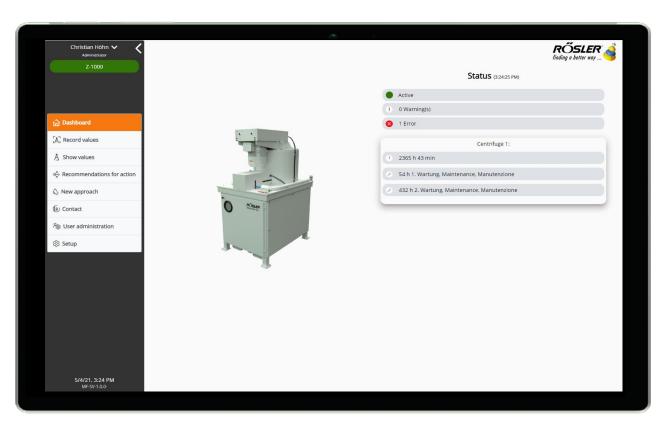


### **Digital Process Water Management - Advanced**

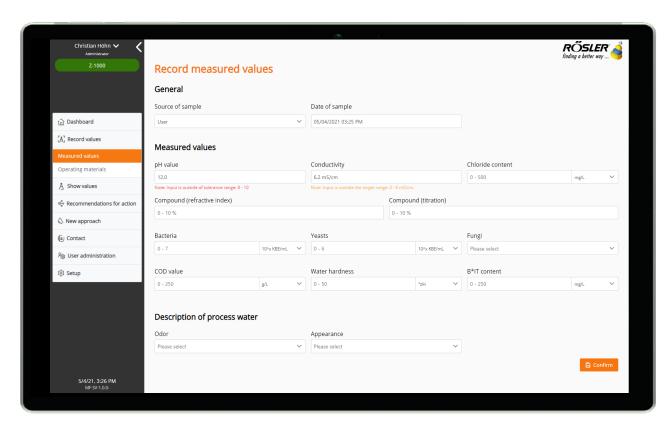




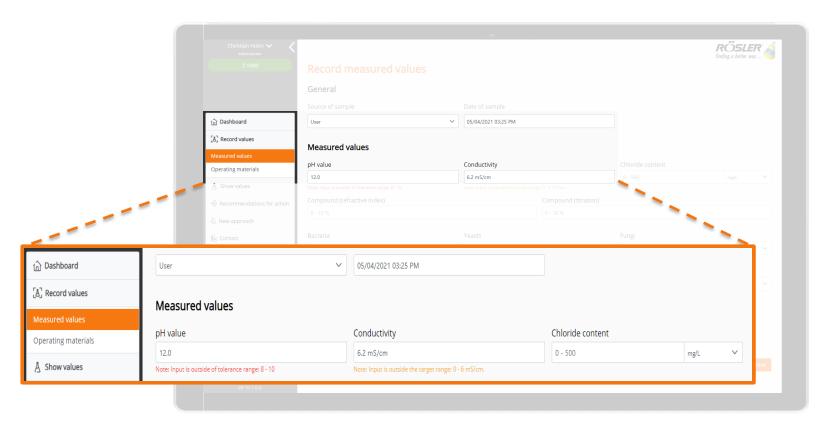




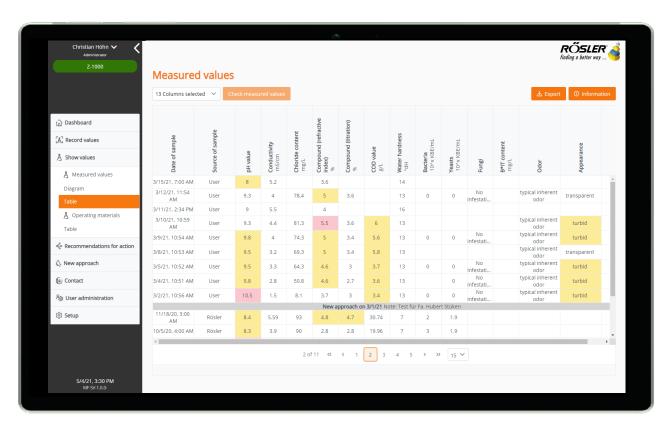




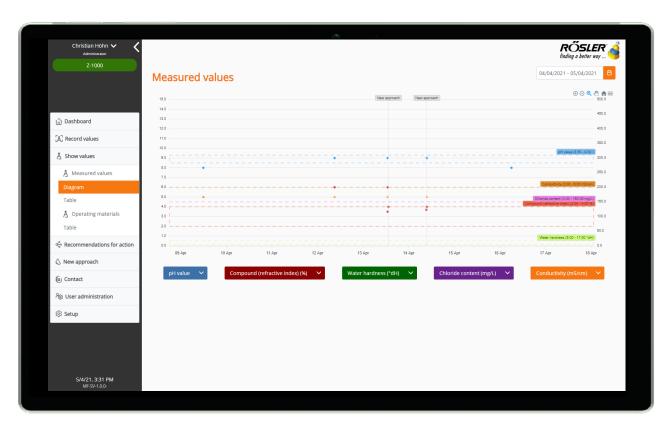






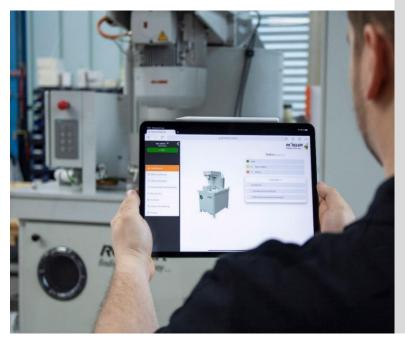






#### **Benefits of Rösler Smart Solutions**





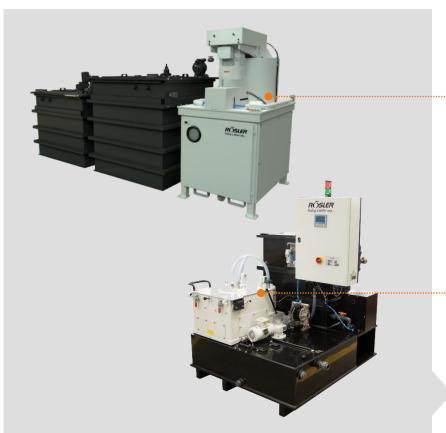
#### The user benefit:

- Optimal planning and control of the process water cycle
- Savings in external process water analyses
- Saving of "action in case of urgency" of the Rösler application engineers
- Avoidance of unplanned new approach due to early identification of differences
- Avoidance of production downtimes due to unplanned new approach
- Increase in process stability
- Achievement of consistent part quality

### 5. Possibilities for RetroFit

### **Customer requirements**





### **Process water systems:**

Z 1000 ASS-II-Turbo

+ S7-1200 or S7-1500 control system

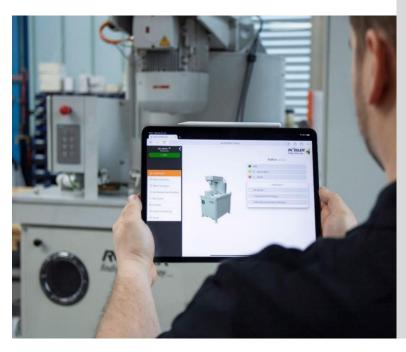
Z 800 incl. Clear water tank and automatic dosing unit

+ S7-1200 or S7-1500 control system

### 4. Possibilities for RetroFit

### **Customer requirements**





### Requirements

- ▶ Firmware Upgrade for the S7-1200
- OPC-License
- Package Advanced
- Installation of the IPC and training for the customer
- Online analysis via Secomea



MASS FINISHING SHOTBLASTING AM SOLUTIONS

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