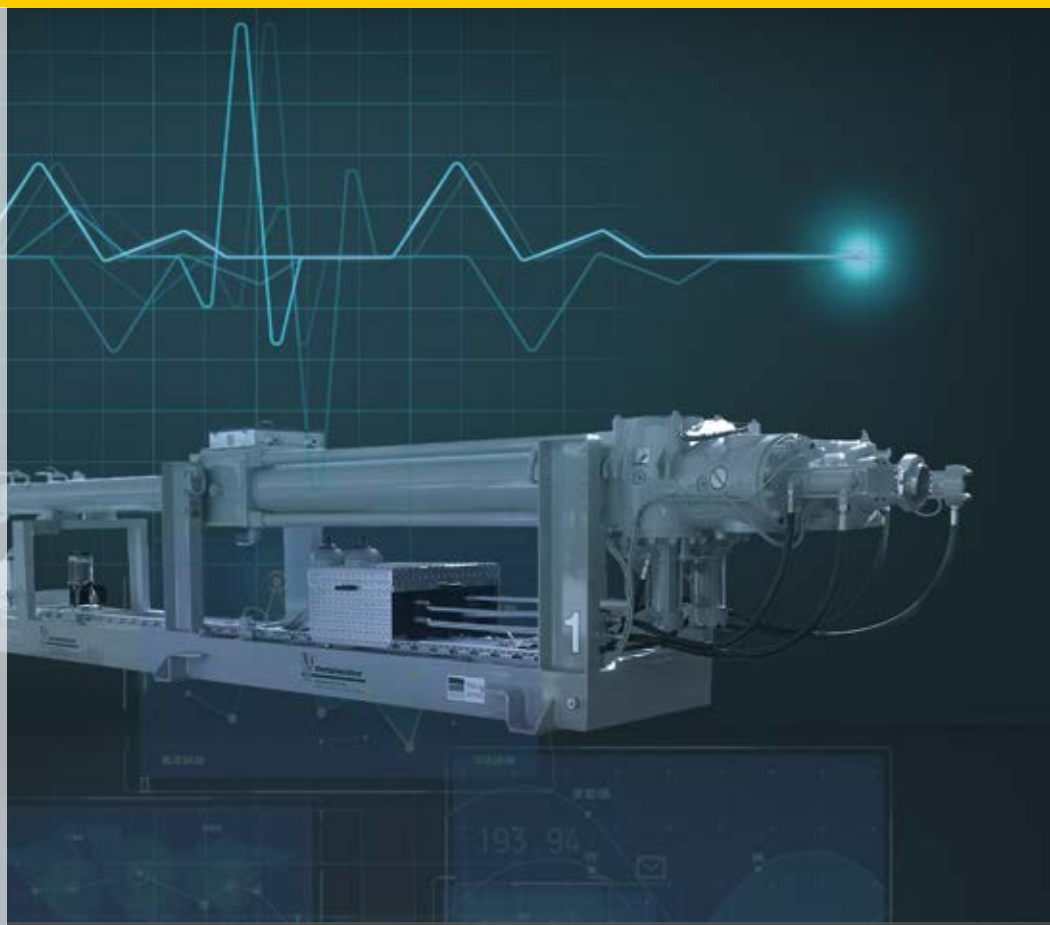
Putzmeister

CONDITION MONITORING

FOR HSP VALVES

In industrial production, the permanent availability of pumps and systems is crucial for stable processes. Putzmeister offers a service that supports customers in setting up their own monitoring solutions and thus keeping an effective and independent view of the system status.

With the new condition monitoring developed by Putzmeister, valve wear is developed by means of structure-borne sound analysis. Detecting malfunctions in a timely manner can prevent more serious consequential damage. Any damaged parts can be replaced during the necessary downtime.



MONITORING PRINCIPLE

Valve damage is identified by analyzing characteristic flow-induced noise patterns captured by acoustic sensors.

SYSTEM REQUIREMENTS

- HSP seat valve pump
- Customer-provided internet connectivity for web access
- Use of an abrasive medium as the process fluid

PRODUCTION SAFETY

- IMPROVED AVAILABILITY

COST SECURITY

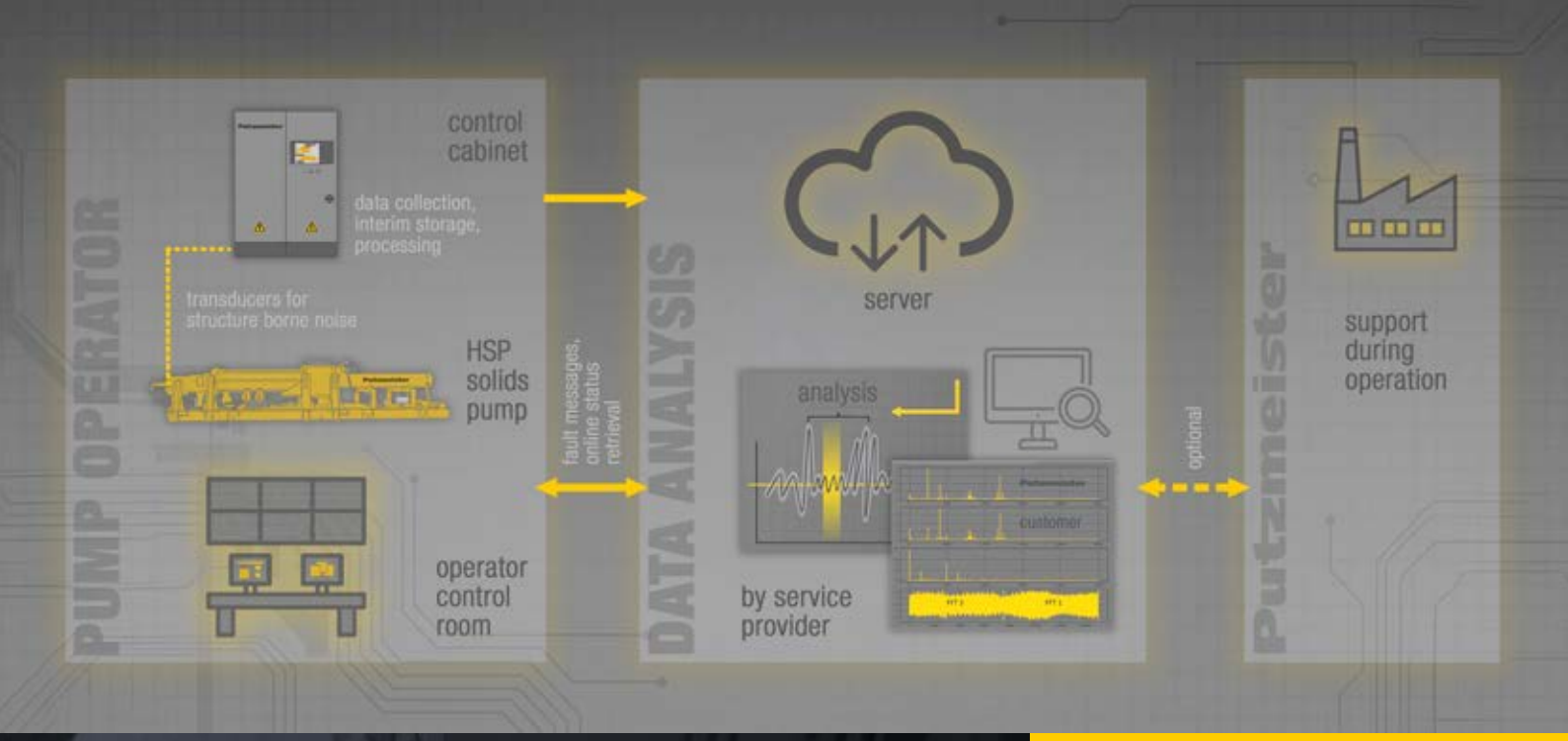
- PREVENTING MAJOR DAMAGE

QUALITY CONTROL

- CHANGES IN THE FLOW OF THE MEDIUM CAN BE DETECTED

MATERIAL TRANSPORT WITH FULL TRANSPARENCY

- STATUS NOTIFICATION WILL KEEP THE OPERATOR INFORMED



RELIABLE CONDITION MONITORING FOR HSP VALVES

CONTACT US TODAY!

PUTZMEISTER CONCRETE PUMPS
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HOW CONDITION MONITORING WORKS

- The sensor transmits the signal to the control cabinet.
- The machine data is sent securely to a server in real time.
- The valve status of the system can be accessed online at any time.
- As soon as an event occurs, the operator receives a notification.

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