

# Sulzer Sense wireless IoT condition monitoring

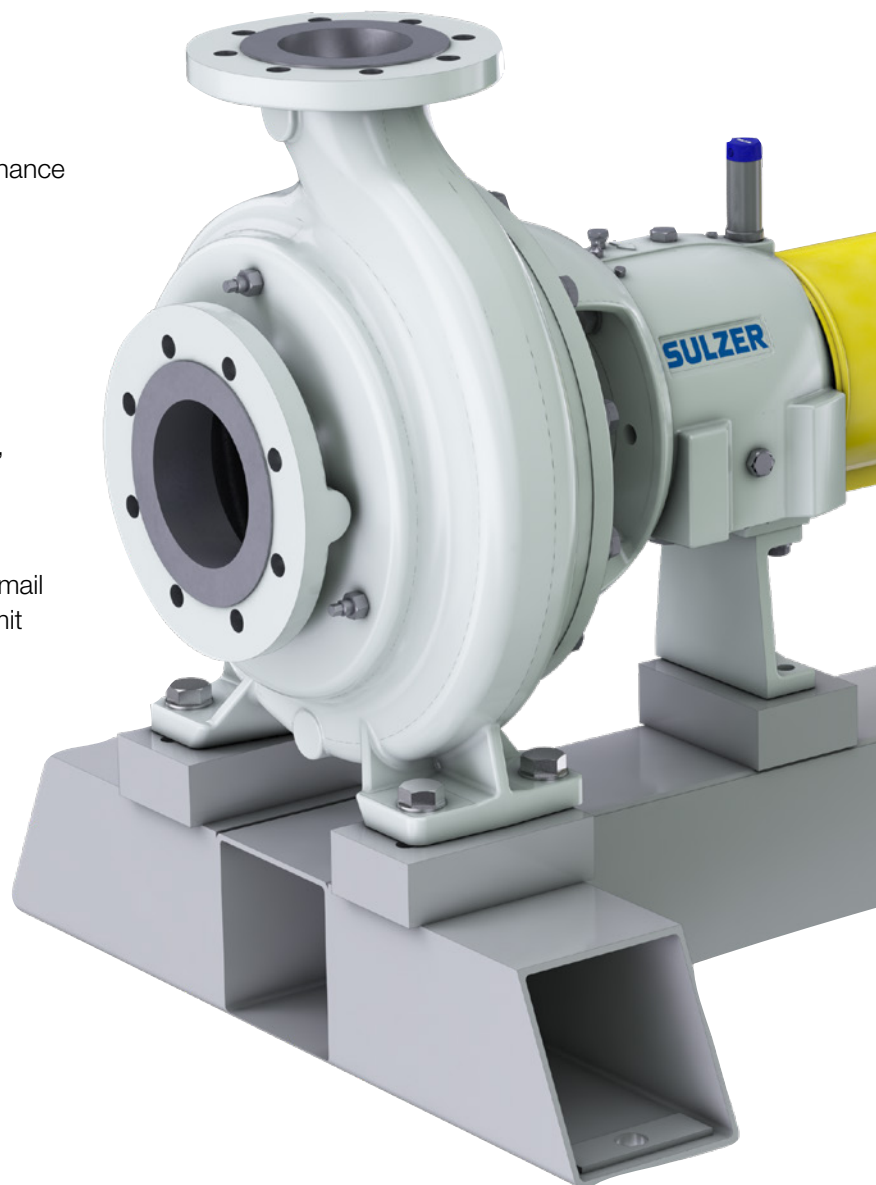
Condition monitoring helps identify changes in equipment condition parameters and indicate potential faults at an early stage. The new Sulzer Sense monitoring device will measure machine vibrations and temperature to detect possible imbalance, misalignment, looseness and bearing wear, and thus improve predictive maintenance. Sulzer Sense devices are battery-powered and operate in a wireless mesh network, which means that the devices are easy and cost-efficient to deploy and operate.

## Save time and money

- Accurate online measurement – no manual measurement needed
- Enables troubleshooting of pumping and process problems
- Helps and enables optimized preventive maintenance
- Minimized risk for unplanned shutdowns
- Easy to install and use
- Wireless, no cabling work

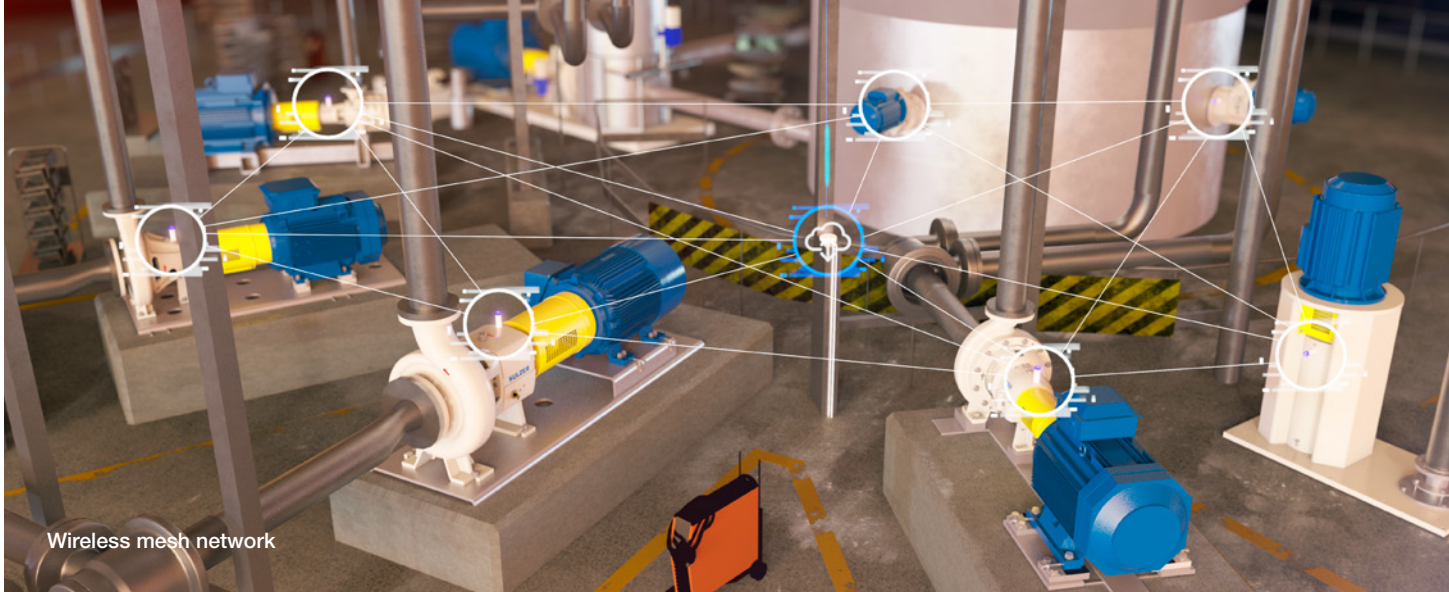
## Easy, safe and convenient

- Results, trends and analysis available anywhere and anytime in Sulzer's online service via laptop, mobile phone or tablet
- Easy and safe thanks to an alert in the cloud service when adjusted temperature or vibration limits are exceeded. Daily, weekly or monthly e-mail report with details on the exceedances of the limit values as an option.
- Secure cloud-based solution, no software installation required



Would you  
like to find out more?

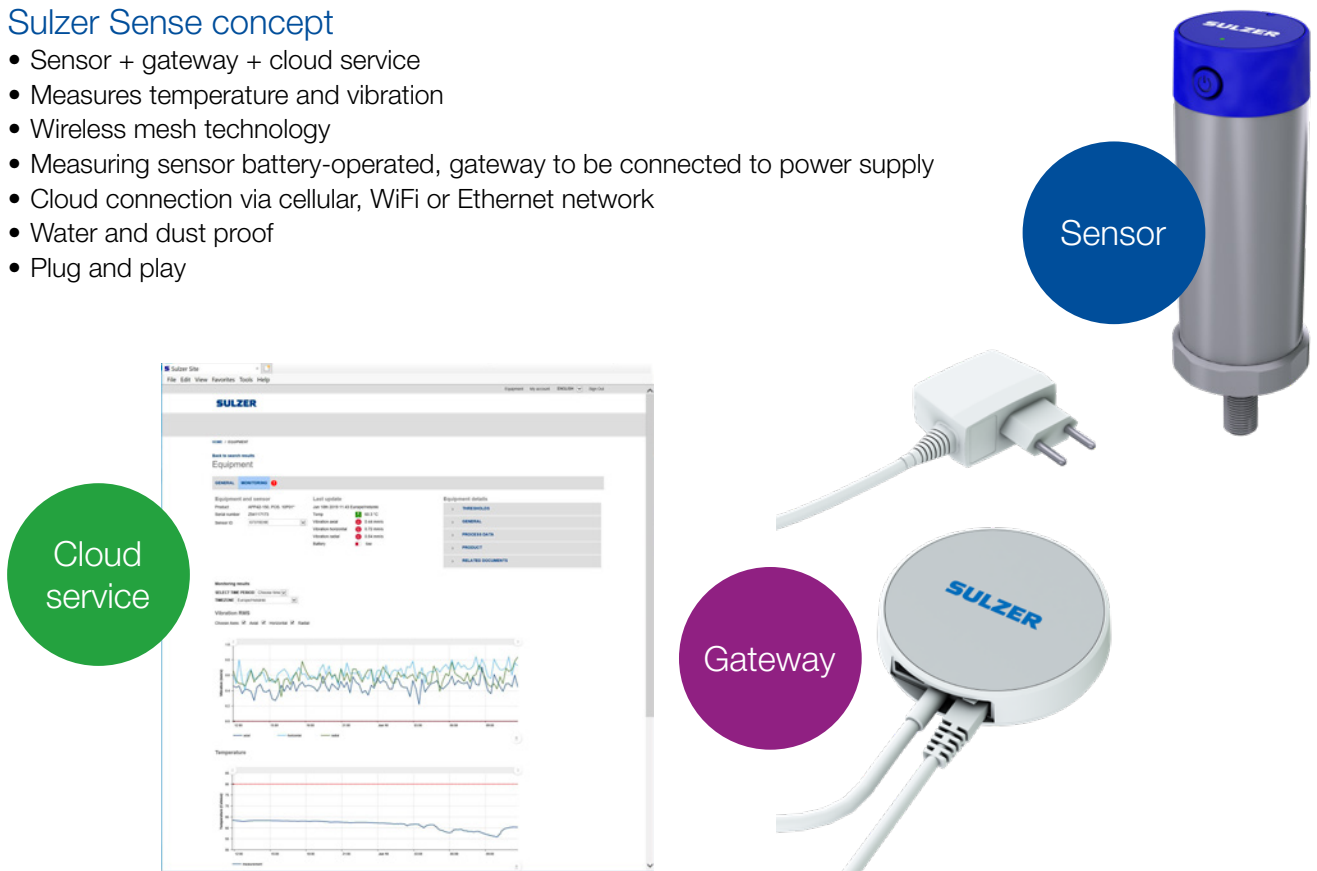
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for more information or  
learn more on  
[www.sulzer.com](http://www.sulzer.com).



Wireless mesh network

## Sulzer Sense concept

- Sensor + gateway + cloud service
- Measures temperature and vibration
- Wireless mesh technology
- Measuring sensor battery-operated, gateway to be connected to power supply
- Cloud connection via cellular, WiFi or Ethernet network
- Water and dust proof
- Plug and play



## Applications

Suitable for all pumps, agitators, mixers and motors regardless of the type or brand in all industries.



Oil and gas



Hydrocarbon processing



Power generation



Pulp, paper and board



General industry



Chemical process industry



Water and wastewater

[www.sulzer.com](http://www.sulzer.com)

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