

MAKE YOUR ASSETS CONNECTED

OROS Multichannel Advanced Monitoring Solution continuously supervises the noise and vibration levels of your critical assets, notifying alerts autonomously when predetermined levels are exceeded and catching real time high added value data on the spot.

Performing long-term monitoring of the equipment's health allows maintenance teams to capture pre-failure indicators, to detect faults at an early stage, and to plan cost-effective interventions, reducing costs and risk of unexpected outages.



Why choosing OROS Monitoring?

From standard to advanced triggering: Based on the OROS suite of indicators and analysis possibilities, going much further than simple overalls.

No PC required: Full standalone and long term operation thanks to the onboard edge processing power, guaranteeing real-time analysis and alarm triggering.

Pre-event time signal recording remotely downloadable for further analysis.

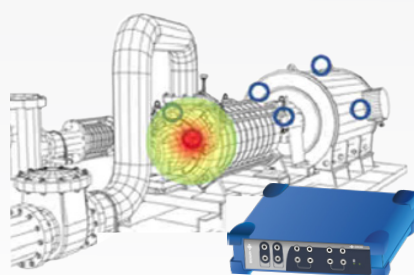
Independent from internal IT: Full control and ownership of data and its transfer.

Based on OROS high-end field testing instrument range: State of the art metrology for sensor conditioning and acquisition, onboard processing power and storage, all in portable and robust instruments designed for the field.

Web browser interface: Cloud-based IoT solution, 4G/5G access data anytime anywhere from any mobile device without installing any software.

Customized dashboard: Focus and adapt to your own key pre-failure indicators.

Complete and advanced post-processing capabilities: Benefits of all OROS software suite for diagnostics.



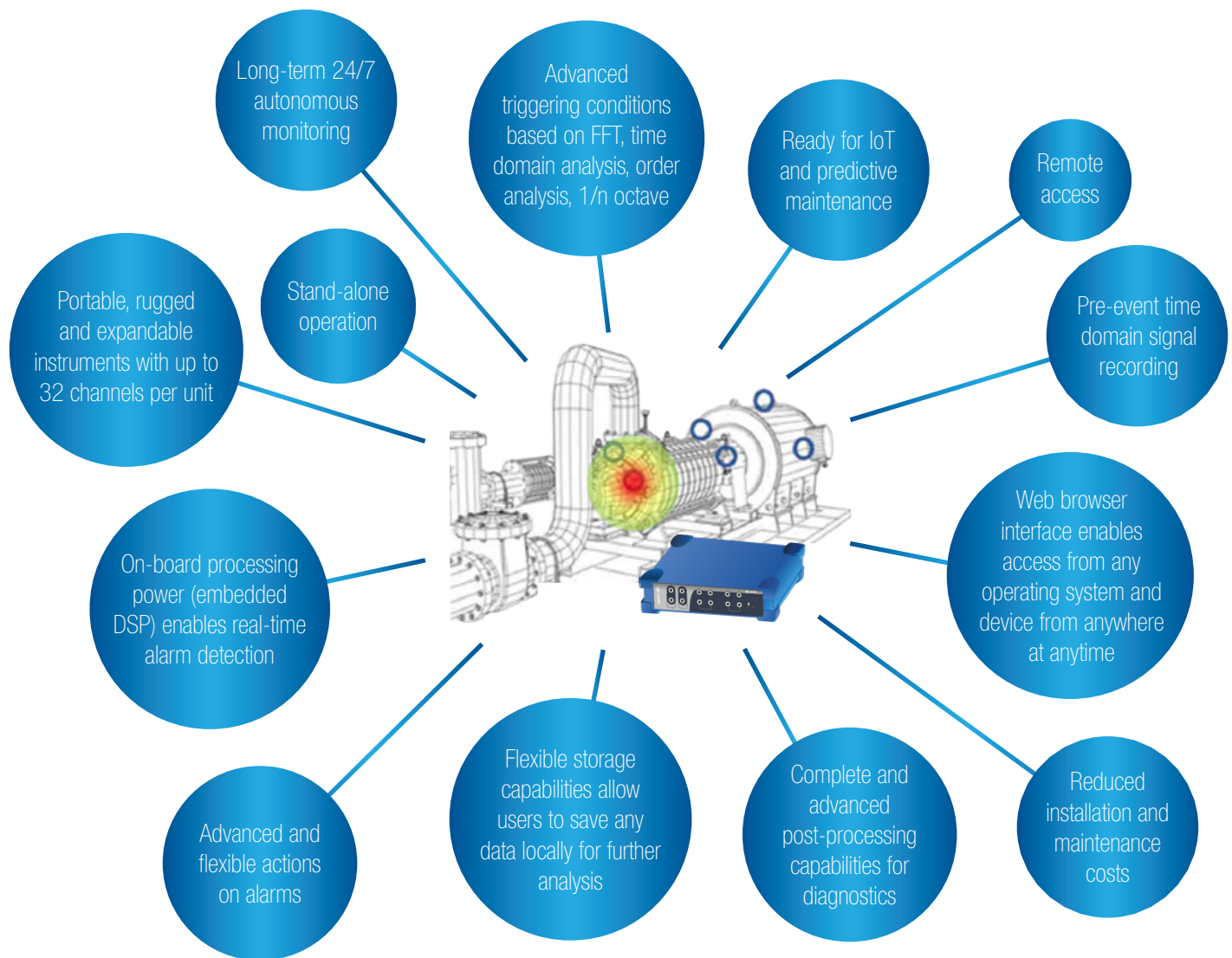
Standalone operation

4G/5G
Internal
Network



Web browser access
from anywhere 24/7

Focused & Simple Monitoring, Complete & Flexible Diagnostics



For your demanding world

- Turbomachinery
- Motors & generators
- Engines
- Fans & blowers
- Gear boxes
- Railways
- Construction sites
- Microelectronic workshops
- Civil infrastructure

From process to dynamic data

- Accelerometers
- Proximity probes
- Microphones
- Temperature
- Strain gauges
- Dynamic pressure
- Rotating speed sensors

From standard to advanced criteria

- O_v (rms, pk-pk, O-pk), order amplitude and phase (0.5X, 1X, nX), Sub1X, Smax
- Power band & filtered level
- Kurtosis, crest factor
- Frequency and order mask
- Noise criteria (dB, dBA)
- Custom & combinations of criteria
- Pre-trigger recording

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