SHOCKWATCH®
Damage Prevention and Safety Solutions

OpsWatch Shock/Vibration Monitor

- **Web-hosted software allows you to access your data from any web-enabled device**
- **Real-time notification of unacceptable vibrations and/or impacts**
- **Continuous monitoring of equipment enables trend identification**
- **Historical view of data for spotting equipment performance trends**
- **Equipment performance data that supports predictive and preventative maintenance plans**
- **Hardware settings configured through any Wi-Fi-enabled device**

The OpsWatch monitoring system delivers real-time vibration and shock information which allows you to spot anomalies in trends and detect indications of developing faults before they result in costly failures and unplanned downtime.

Spot Failures. Reduce Downtime. Predict Maintenance.

During operation, some level of vibration in motors, pumps, conveyor systems or any mechanical system is a natural occurrence. There are normal vibration patterns when equipment is in a start-up mode, when it is in operation or during shut-down processes. However, changes in a vibration pattern can be an early warning signal of conditions that should trigger preventive maintenance before equipment failure occurs.

Vibration & Impact Monitoring Made Simple

The OpsWatch monitoring system makes it simple to identify changes in vibration and see unexpected impact events. The rich data made available by the continuous monitoring, allows your engineering and maintenance teams to develop customised alarm levels for each piece of monitored equipment and develop triggers for predictive maintenance routines.

The results are increased up-time, extended service life, reduced maintenance costs of mission critical equipment and fewer catastrophic failures.

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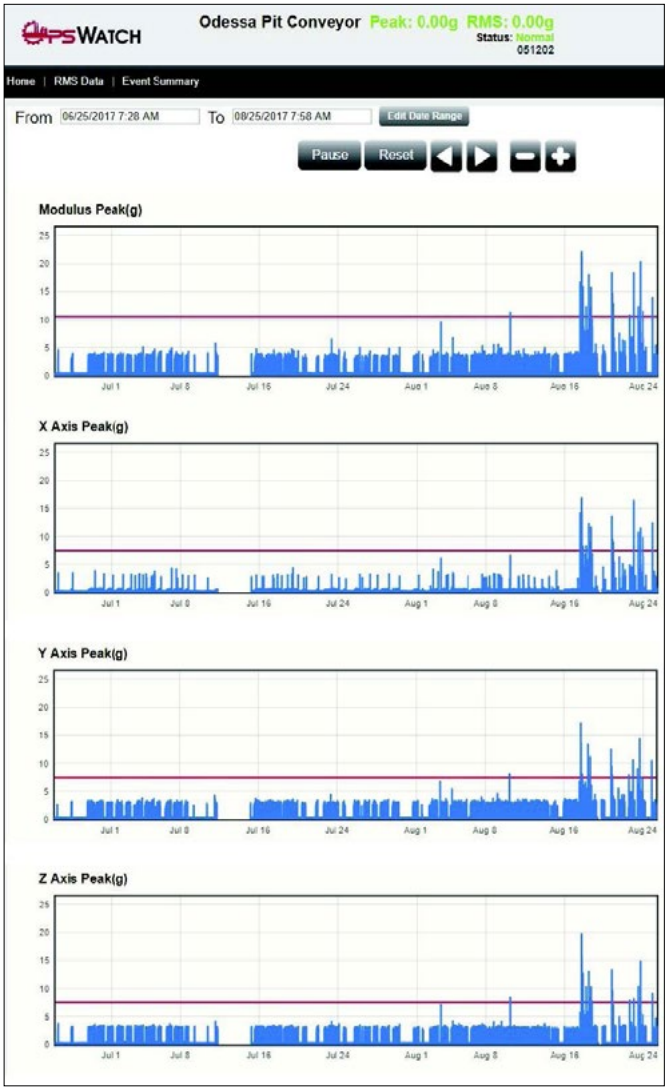

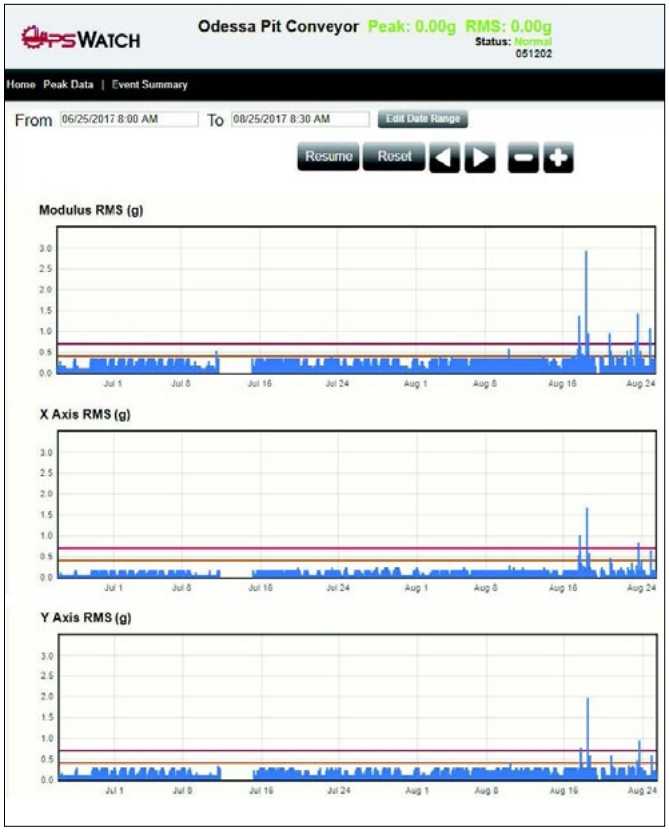

OpsWatch Cloud

- Access your information from any web-enable device through a secure log-in.
- Dashboard provides quick overview of equipment status – Normal or Alarm Condition
- Drill down into the data for more detailed analysis

Features

- Records X, Y, and Z RMS vibration values
- Records peak X, Y, and Z impacts
- User defined alarm levels for vibration and impact
- Alarms cleared only after being acknowledged in the system
- Full accelerometer streaming available for post-processing data

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OpsWatch Unit

Operating Temperature Range	-40°C to +85°C
Dimensions / Weight	100mm x 110mm x 40mm / 1180g
Enclosure Rating / Case Material	IP67 / Aluminium

Communication Interface

WiFi Interface	IEEE 802.11
Operating Frequency / Data Rate	2.412 - 2.484GHz / 1.25Mbps

Power

Batteries (Temporary Power)	2 x 3.6V lithium thionyl chloride; 2.2Ah

External Power

External Power Source Voltage	6 - 30V
External Power Source Avg Current **(Normal @ 28V)** **(Clearing or Downloading @ 28V)**	 35mA 50mA