



# Novatec™ PumpSense™

The easy and affordable path to a smart factory.

Smart pumps deliver maximum uptime with less maintenance, less guesswork and less hassle.

PumpSense™ now standard on all Novatec VPDB and SVP pumps.

## Monitors:

Pressure  
Vibration  
Vacuum  
Temperature

## Diagnoses:

Operating health  
Filter condition  
Oil condition  
Bearing condition

## Prescribes:

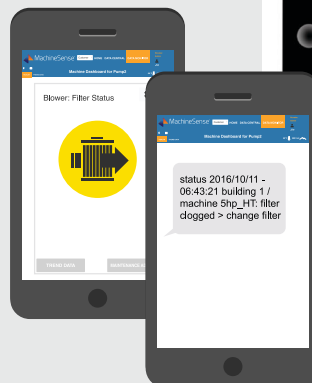
Actionable maintenance advice for maximum uptime and maximum profits.



View real-time diagnostics of pump operation on a dashboard with 8 gauges covering key metrics

The MachineSense® app provides critical status data in an easy-to-understand format 24/7/365

- › View through MachineSense® app on tablet or smart phone
- › Analytics compare conditions against baselines and send text and email messages with recommended maintenance solutions.
- › No analytics training necessary
- › Dashboards clearly display condition for all monitored machine components.
- › Maintenance, repair and operations (MRO) screen displays history of machine condition and records maintenance actions and assists.



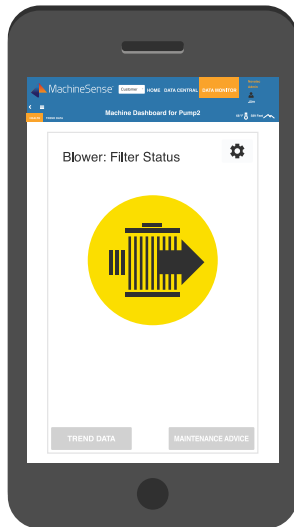
Actionable intelligence via text and email.

# PumpSense Benefits

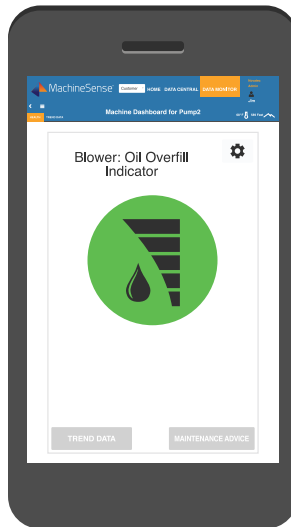
Extends warranty to 5-years\* on Novatec PD pumps with PumpSense

- › Predict pump failure before it happens
- › Minimize unscheduled downtime
- › Perform maintenance based on machine condition
- › Easy to use, easy to install, easy to understand

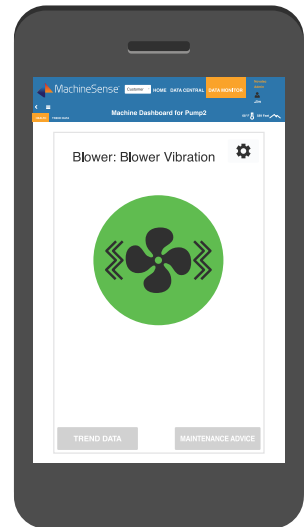
Easily understood dashboards provide actionable maintenance advice to avoid unscheduled maintenance and work stoppages and extend the life of your pump.



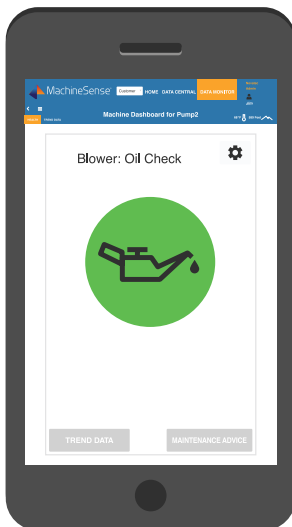
Filter status ensures efficient operation and avoids unnecessary cleaning or replacement.



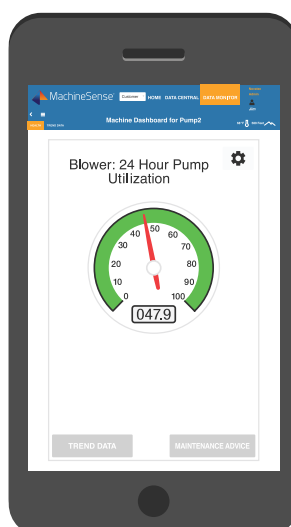
Oil overfill indicator warns if oil level is too high to prevent bearing and seal damage.



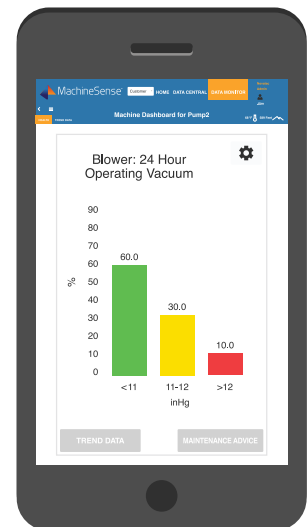
Blower vibration warns of deteriorating bearing or other irregular operating conditions.



Check oil ensures oil level and viscosity are sufficient for safe operation.



24-Hour pump utilization reflects duty cycle and potential expansion capacity.



Operating vacuum patterns help diagnose pump and conveying operating health.

\*Included with activation and continued use of MachineSense data plan. 1st 6-months of data plan free.

## Coming soon:

Smart dryers, railcar unloaders and more will improve efficiency, reduce downtime and increase profits.

## Learn more now:

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

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