

Our Proven Team Approach to Predictive Maintenance Guarantees Success.



Predictive Maintenance (PdM) is the technology of identifying faults and predicting machine failures so that corrective actions can be taken before costly breakdowns occur. PdM is a proven strategy to save real maintenance dollars. Practiced effectively, maintenance cost savings far exceed the old reactive maintenance and preventive maintenance approaches.

Because PdM relies on highly trained analysts and sophisticated technology, predictive maintenance programs have a significant probability of failure if not implemented carefully.

The secret to our success is our **TEAM APPROACH** to PdM. Your in-house maintenance technicians are teamed up with our highly trained and certified vibration analysts/trainers. The team is backed up by proven technology tools.

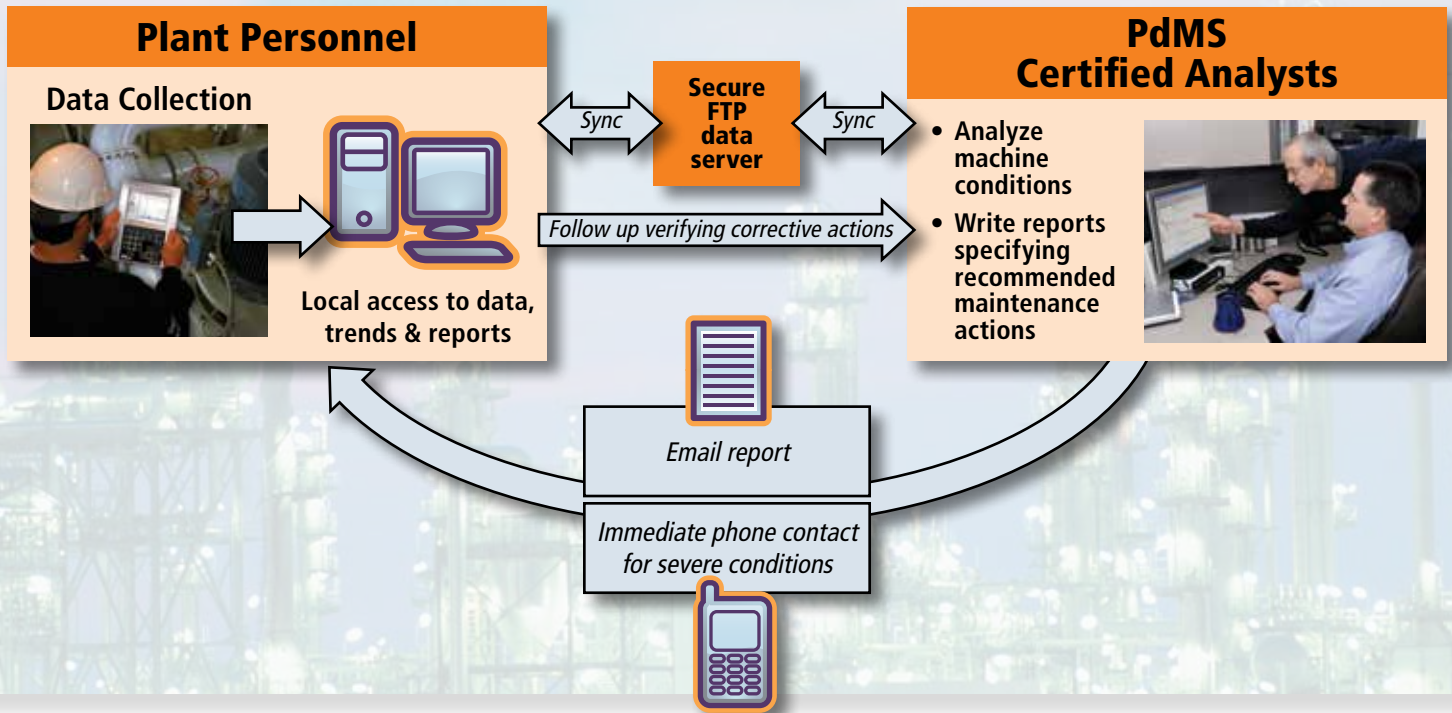
The result is a PdM solution that delivers optimal results at lower cost! Plus a PdM Solutions program can be up and running and delivering results immediately.

Our team approach to PdM ensures the right assets are applied to each step of predictive maintenance. This is where traditional approaches fall down. They suffer critical weaknesses that often lead to program failure:

100% In-House PdM – Unless you have a large, well trained and dedicated PdM team at your facility, you are likely to run into problems. Training issues, turnover, and lack of expertise all plague in-house efforts.

100% Out-of-House PdM – Most facilities find that in the long run it is unproductive to delegate PdM to contractors. Under-qualified analysts often lack the expertise to make reliable, actionable recommendations. Contractor's unfamiliarity with your facility limits effectiveness, and the fact that they own the data limits flexibility to develop in-house expertise.

The **PdM** Solutions Team Approach



PdM Solutions: How It Works

PdM Solutions is a turnkey program which includes all required hardware and software. You pay a flat monthly fee for the term of the program (typically either 1 or 2 years).

PdM Solutions program includes:

- 1. INSTALLATION:** (1-3 days, all costs built into program including travel)
 - Build database – specify measurements to be acquired on each machine
 - Install measurement pads
 - Install ViewALERT Software and Replication Software
 - Deliver state-of-the-art data collector hardware
- 2. TRAINING:** (conducted during installation)
 - Measurement pad installation
 - Data collector operations
 - OJT – the first set of data is collected
 - Basics of vibration analysis
- 3. DATA COLLECTION:** (1-2 days per survey)
 - Scheduled route data collected by trained plant personnel
 - Data sent via internet to PdMS secure FTP server
- 4. ANALYSIS AND REPORTING:** (2-5 days following data collection)
 - Data analyzed by lead analyst who installed your program
 - Senior Analysts are Vibration Institute Certified Category III or IV with 20+ years experience each
 - Report peer reviewed prior to issuance
 - Serious and Moderate faults highlighted
 - Specific repair recommendations included

At the end of the PdM Solutions program term you have the option to renew or to bring your PdM program in-house.

**For more information
or to receive a quote:**

PdMS
PREDICTIVE MAINTENANCE SOLUTIONS

**215-346-2870
www.pdmsolutions.com**