



VibePro Online

Powerful Reporting and Post-Processing

Overview:

VibePro 7 and above were built from the ground up to work with a comprehensive web app. The VibePro database is easily uploaded directly within the iPad app. GTI's web apps allow companies to have multiple personnel analyze the data on their desktop or laptop computer.

VibePro Online

VibePro Online provides an extensive collection of reporting and analysis tools. Reports are available at any place found in the VibePro route hierarchy, which includes plant, machine, point, and individual measurement reports.

Reports include a variety of data points including: a heat map, machine severity pie chart, asset photo, RMS values, severity level, measurement date, spectrum image, waterfall plot of frequency spectra, trend chart, peak values, bearing info, machine speed, and more. Custom logos can also be used in reports.

VibePro Online utilizes algorithms that allow you to focus on what really matters. GTI leverages our extensive knowledge in vibration analysis to inform users on the true health of their assets.

Algorithm Features:

VibeProPulse: a custom vibration signature recognition algorithm developed by GTI brings a new fault detection technology not offered elsewhere. The fault detection algorithm will provide a good starting point for your technicians to fix the asset and return it back to normal vibration levels.

GTI HeatMap: a custom vibration degradation algorithm developed by GTI brings a new visualization tool to the health of a plant's assets. The larger the box the faster that asset is degrading. GTI HeatMap for the first time provides an accurate look at a plant's health. Green assets that are rapidly failing will show up well before an emergency repair is needed. GTI HeatMap can also be a helpful tool to ensure thresholds are being properly setup.



VibePro Online Features

Direct Upload: Upload from VibePro directly to the web app
Map Integration: View location of where measurement was taken
Custom Logo: use custom logos for reports
Overall Vibration Trend Chart: View a trend chart of a measurement point
Photo Support: View a photo of the asset
Spectrum View: Full spectrum with zoom and mark up support
Waterfall Plot: View readings in waterfall mode
Temperature Trend: View temperature data from GTI-220 sensor or manual entry in VibePro
Hz or CPM Option: View spectrum in either Hz or CPM
Bearing Markers: View bearing markers setup in VibePro
RPM Markers: View up to 5x RPM markers (4x max on Lite)
Sort Hierarchy: View database in alpha or entry order
Reporting: Print reports (measurement level only on Lite)
Multiple Database Support: Create and manage multiple VibePro databases
VibePulse: Fault detection algorithm to advise corrective actions
GTI HeatMap: Total plant visual overview with custom GTI algorithm to alert user of assets failing at a fast rate
Advanced Spectrum: More options to post-process spectrum
Maintenance Events: View events created on the iPad and events are included in reports
Time Wave Form Support: Post process TWF data; view data as TWF, acceleration FFT, velocity FFT or displacement FFT and generate reports

VibePro Online: Screenshots



Trending: View vibration and temperature trend charts. Colored threshold lines indicate when a measurement has passed user configured vibration threshold limits.



Total Plant Reports: View an overview of your entire plant or plants. A pie chart is automatically generated to provide an immediate status update.



Spectrum Analysis: View all past spectrum captures. Bearing markers and RPM markers are available to assist in spectrum analysis.

VibePro Online Screenshots

GTI HeatMap



Hierarchy with Waterfall View:

PLANT/AREA:	MACHINE:	POINT:	MEASUREMENT DATE:
PLANT1	MOTOR001	M1H (V)	2014-10-13 19:55:42
PLANT2	MOTOR102	M1V (V)	2014-10-13 19:56:17
PLANT3	MOTOR103	M1A (V)	2014-10-13 19:56:29
PLANT4	MOTOR104	M2H (V)	2014-10-13 19:57:04
	MOTOR105	M2V (V)	2014-10-13 19:57:14
	PUMP201	M2A (V)	2014-10-13 19:57:47
	PUMP202		2014-10-13 19:58:01
	PUMP203		2014-10-13 19:58:33
	PUMP204		2014-10-13 19:58:49 (M)
	FAN301		2014-10-13 20:00:03
	FAN302		2014-10-13 20:00:12
	FAN303		2014-10-15 12:07:24
	FAN304		2014-10-15 12:07:29
	FAN305		
	FAN306		
	FAN307		

Time Wave Form Analysis:

