VibePro 24/7
Route Data Collector

VIBEPRO

Is a powerful machine vibration analyzer app for iPad/iOS. Coupled with GTI sensor equipment, it can be an invaluable tool for measuring vibration and health of a wide variety of machine parts including motors, bearings, spindles, shaft imbalance, gears, belt wear and more. The app can be used for single readings or full vibration analysis routes, documenting trends along the way. Route data can be processed directly in VibePro, GTI's web app or other platforms available for Windows and MacOS.
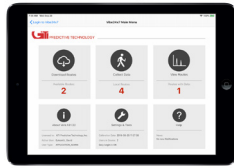
FEATURES

- Real Time Spectrum Analysis
- Single measurement reports with easy email sharing
- Recorded readings for post processing
- Routes have never been easier with VibePro.
- Faster database upload and download speeds
- Automatic and manual markers on the spectrum
- Set RPM and bearing makers with multiples
- Full FFT Signature graph from 0 to 20khz or 0 to 1.2 million CPM
- Spectrum Frequency Resolution from 0.17Hz to 10.77Hz
- Selectable Fmax of 22,050Hz, 11,025Hz, 5,512Hz and 2,756Hz
- Selectable number of samples of 4,096, 8,192, 16,384 and 32,768

NEW IN VIBEPRO 24/7

- TWF collection and on-screen analysis
- FFT in Acceleration and integrated FFT in Velocity and Displacement (available on iPad and VibePro Online)
- TWF and Spectrum in same view
- High-frequency impact demodulation (available on iPad and VibePro Online)
- Selection of sample rate (Fmax)and number of samples (lines of resolution)
- Additional windowing options: hemming, hamming and blackman
- Vibration trending in acceleration/ Velocity for RMS, Peak & Crest Factor Values
- Change Sensors Quickly with Calibration Presets
- TWF Capture and Analysis
- Analyst Mode – view TWF and FFT data and measurement details
- Add notes to the route for Observations and Skipped Points
- Add/change machine speed based on actual running speed
- Review routes - Easily identify uncollected points
- Add thermal images and photos
- Assign routes to technicians
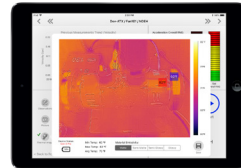- Available for VibePro 24/7 Online vibration sensors

Sensor   Route Collection   GTI Web App   Base Station   Sensor

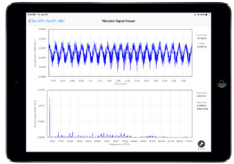# ROUTE DATA COLLECTION

Entry Screen
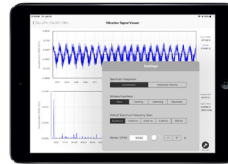

Data Collection Screen

Thermography

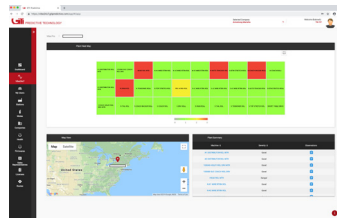# VIBEPRO 24/7 IPAD FIELD ANALYSIS

Vibration Analysis

Analysis Settings

Measurement Details

VIBEPRO 24/7 WEB APP

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.

TWF AND SPECTRUM FFT ANALYSIS, TREND CHARTS AND REPORTS AT EVERY LEVEL:

VibePro 24/7 offer a complete tool set for vibration analysis with cursors for 1X, multiples, bearing frequency markers.

VIBEPULSE:

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 Predictive Technology