VibroSight® software version 3.5 overview

VibroSight® 3.5 software release overview

VibroSight® 3.5, released in April 2018, adds the following main benefits and features.

Benefits

› Supports remote monitoring and diagnostics in cyber-secure environments

› Enhanced data analysis with improved plotting

Features

› **Quasi real-time replica of remote data in central diagnostics centres**

The VibroSight software can now provide a quasi real-time replica of remote monitoring system data. For example, in a central diagnostics centre, a VibroSight Server can automatically create and synchronise a local data repository using VibroSight data files (*.vsha) copied from data repositories in remote locations.

While primarily intended for working with remote monitoring systems installed in cyber-secure environments (behind a 'data diode' or firewall), this feature is also useful for remote sites that have unreliable network connections.

› **Trend, Bode and Polar plot improvements**

For Trend plots, Bode plots and Polar plots, the order of display of the amplitude (physical quantity), phase and frequency charts depends on the configured plot layout convention:
• European (EU) to display amplitude, phase and then frequency.
• American (US) to display phase, amplitude and then frequency.

Features (*continued*)

In addition, for a phase chart, phase lag values now increase going downwards, while phase lead values increase going upwards.

› **Polar plot improvements**

Enhanced functionality for improved plotting and data analysis:
• Optimised handling and display of data against speed.
• Cursor style and behaviour consistent with other plots.
• Upgraded zooming.

› **Sectrogram plot improvements**

Greater precision for more detailed analyses:
• Up to 250 spectra.
• Extended colour scale with different palette and gradient.

› **Cursor improvements**

All plots now use cursors with dashed lines and a small square marker to indicate where a cursor and measurement data intersect – making it easier to locate and track the cursor, and work with data.

Further information

For more detailed information concerning these features and improvements, request the *VibroSight® software version 3.5 release notes* and the latest *Getting started with VibroSight installation guide*.

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