VibroSight® software version 3.7 overview

VibroSight® 3.7 software release overview

VibroSight® 3.7, released in September 2018, adds the following main benefits and features.

Benefits

› Apply the speed and power of VibroSight® to data from third-party systems

› Calculate and create new information

› Physical quantity and units for strain measurements

Features

› **Data import from CSV files into VibroSight®**

The VibroSight® software now includes support for importing data from CSV files into VibroSight in order to allow data from third-party systems such as other monitoring systems and/or control systems (DCS or PLC) to be easily incorporated, and take advantage of the speed and power of VibroSight for machinery monitoring, remote monitoring and diagnostics.

Data imported from CSV files can be displayed live in VibroSight Vision and/or can be logged to a VibroSight data repository. Once in a VibroSight data repository, data from third-party systems is considered as VibroSight data and is handled and treated in exactly the same way for the purposes of display and analysis.

› **New maths functions**

The VibroSight® software's optional 'Mathematical outputs' application specific package adds the following new maths functions:

• *tagval (a, b)* to return the value of *a* from *b* seconds ago.

Features (*continued*)

• *tagdiff (a, b)* to return the difference between the current value of *a* and the value of *a* from *b* seconds ago.

• *tagmin (a, b, c)* to return the minimum value of *a* for the time period between *b* and *c* seconds ago.

• *tagmax (a, b, c)* to return the maximum value of *a* for the time period between *b* and *c* seconds ago.

• *tagavg (a, b, c)* to return the average value of *a* for the time period between *b* and *c* seconds ago.

• *tagstd (a, b, c)* to return the standard deviation of *a* for the time period between *b* and *c* seconds ago.

› **Strain physical quantity and units**

The default unit sets included in VibroSight® have been updated to include the strain physical quantity and commonly used units: strain (ε) and microstrain ($\mu\varepsilon$).

Further information

For more detailed information concerning these features and improvements, request the *VibroSight® software version 3.7 release notes* and the latest *Getting started with VibroSight® installation guide*.

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