SOFTWARE RELEASE OVERVIEW

vibro–meter®

VibroSight® 5.0

VibroSight® software version 5.0, released in April 2020, adds the following main benefits and features.

Benefits

- **Support for the next generation of VM600 machinery protection system**
- **Improved mathematical performance**
- **Better-performing VibroSmart® systems**

Features

VibroSight Protect and VM600 MPSG2

VibroSight 5.0 introduces initial support for the second generation of VM600 rack-based machinery protection system (MPS), which consists of the following new VM600 cards:

- MPC4G2/IOC4G2 machinery protection card pair.
- RLC16G2 relay card.

VibroSight now includes a new software module (client application), called VibroSight Protect, that is dedicated to the configuration and operation of VM600 MPSG2 cards/systems.

Note: Using VibroSight Protect, a separate software module, for machinery protection ensures complete separation ('segregation') of machinery protection and condition monitoring systems in a VM600 rack.

New maths library

In order to improve functionality and performance, VibroSight's optional Mathematical outputs application specific package now uses a new maths library.

Note: The Mathematical outputs package allows a VibroSight Server to perform math post-processing on the data in its data repository in order to calculate and create new data and information.

Features (*continued*)

New firmware for VibroSmart VSV30x modules

Improvements to the latest VSV30x/VSB300 monitoring module firmware (version 18) include:

- Module lock using a DSI input for improved cybersecurity.
- PTP synchronization between modules for improved time accuracy and sub-millisecond waveform synchronisation.
- Channel bypass to suspend individual channels during maintenance.
- Pre-trigger data logging for data capture before an event to facilitate event diagnosis.

New firmware for VibroSmart VSI010 modules

Improvements to the latest VSI010/VSB010 communications interface module firmware (version 12) include:

- Module lock using a DSI input for improved cybersecurity.
- Support for the IEC 61850 GOOSE protocol – a communications interface becoming popular with electric utilities (power companies).

Further information

For more detailed information concerning these features and improvements, refer to the *VibroSight® 5.0 release notes.*