

## SOFTWARE RELEASE OVERVIEW

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vibro-meter®

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VibroSight® 6.1



VibroSight® software version 6.1, released in July 2021, adds the following main benefits and features.

### Benefits

- Full VibroSight support for VM600<sup>Mk2</sup>
- MPC4<sup>Mk2</sup> + IOC4<sup>Mk2</sup> tachometer signal sharing
- Launch of CPUM<sup>Mk2</sup> + IOCN<sup>Mk2</sup>

### Features

#### VibroSight and VM600<sup>Mk2</sup>

VibroSight 6.1 adds further support for the second generation of VM600 rack-based machinery protection and condition monitoring systems – known as VM600<sup>Mk2</sup> – for machinery protection applications.

VM600<sup>Mk2</sup> systems use existing VM600 rack infrastructure (racks and power supplies) with a new set of VM600<sup>Mk2</sup> modules:

- VM600<sup>Mk2</sup> MPC4<sup>Mk2</sup> + IOC4<sup>Mk2</sup> machinery protection and condition monitoring module
- VM600<sup>Mk2</sup> RLC16<sup>Mk2</sup> relay module
- VM600<sup>Mk2</sup> CPUM<sup>Mk2</sup> + IOCN<sup>Mk2</sup> rack controller and communications interface module.

These new VM600<sup>Mk2</sup> modules use the latest technology to offer improved performance compared to the existing (VM600<sup>Mk1</sup>) MPC4/IOC4T machinery protection card pair, RLC16 card and CPUx/IOCx rack controller and communications interface card pairs.

Note: VibroSight uses VibroSight Protect for the configuration and operation of VM600<sup>Mk2</sup> modules for machinery protection. Using separate software helps ensure the segregation of VM600<sup>Mk2</sup> machinery protection systems (MPSs) and other system functionality such as condition monitoring in the same VM600 rack.

### Features (continued)

#### Support for tachometer signal sharing

VibroSight adds support for tachometer (tacho) signal sharing between VM600<sup>Mk2</sup> MPC4<sup>Mk2</sup> + IOC4<sup>Mk2</sup> modules whereby a tacho (speed) signal configured for one module can be shared for use by one or more other modules in the same VM600 rack (via the VM600 rack's Tacho bus).

#### Official launch of CPUM<sup>Mk2</sup> + IOCN<sup>Mk2</sup>

VibroSight introduces full support for the VM600<sup>Mk2</sup> CPUM<sup>Mk2</sup> + IOCN<sup>Mk2</sup> rack controller and communications interface module. This includes a new officially released version of firmware for the module and updates to the VibroSight software to support the configuration of the module.

#### Polar plot cursor synchronisation

In VibroSight Vision, the Polar plot has been updated so that its trend subplots now implement cursor synchronisation as a function of the quantity selected for the x-axis of the subplots (Speed or Time).

#### New firmware

New firmware for VM600<sup>Mk2</sup> modules:  
MPC4<sup>Mk2</sup> and CPUM<sup>Mk2</sup>.

New firmware for VibroSmart® modules:  
VSV30x and VSI010.

### Further information

For more detailed information concerning these features and other improvements, refer to the *VibroSight® 6.1 software release notes*.