

SOFTWARE RELEASE OVERVIEW

vibro-meter®

VibroSight® 7.5



VibroSight

Machinery Protection &
Condition Monitoring
Software

VibroSight® software version 7.5, released in May 2024, adds the following main benefits and features.

Benefits

- VM600^{Mk2} SIL certification
- VM600^{Mk2} CPUM^{Mk2} module redundancy
- VibroSight Capture support for XMx16 modules

Features

VM600^{Mk2} SIL certification

We are pleased to announce that our VM600^{Mk2} machinery protection and condition monitoring system has officially received SIL 2 certification – marking a significant milestone in our commitment to deliver products of the highest quality and reliability to our customers.

This SIL 2 certification is a testament to the dedication and hard work of our team, who have worked tirelessly to ensure that the VM600^{Mk2} system meets the stringent safety and reliability standards set forth by the IEC 61508 “functional safety” standard.

Note: VM600^{Mk2} SIL applications require the MPC4^{Mk2} + IOC4^{Mk2} SIL machinery protection and condition monitoring module running the officially certified SIL machinery protection firmware (PNR 640-024-001-000).

VM600^{Mk2} CPUM^{Mk2} module redundancy

Introduction of support for rack-level communications redundancy using the CPUM^{Mk2} + IOCN^{Mk2} rack controller and communications interface module.

Two CPUM^{Mk2} + IOCN^{Mk2} modules can now be installed in a rack in order to obtain true

Features (*continued*)

rack-level communications redundancy (or implement more complex communication configurations). This is a cost-effective solution where increased communications reliability and availability are required, such as critical applications where the cost of failure is high.

VibroSight Capture support for XMV16 modules

The VibroSight Capture software now supports the configuration and operation of the XMV16 + XIO16T extended condition monitoring modules for vibration (that is, XMV16 + XIO16T and XMVS16 + XIO16T).

Note: Previously, XMV16 + XIO16T modules had to be configured using the VibroSight Configurator software.

Firmware upgrades

There is new firmware for the following modules:

- VM600^{Mk2} MPC4^{Mk2} SIL
- VM600^{Mk2} CPUM^{Mk2}
- VM600^{Mk2}/VM600 XMx16
- VibroSmart® VSV30x.

Further information

For more detailed information concerning these features and other improvements, refer to the *VibroSight® 7.5 software release notes*.