

# VM600MK2 LAUNCH

## FAQ

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MEGGITT

# LAUNCH TIMELINE

## VM600<sup>Mk2</sup> launch FAQ

### Q1 - When will the VM600<sup>Mk2</sup> be available the new ?

VM600<sup>Mk2</sup> can be already ordered and the first deliveries will begin in May 2021.

### Q2 - When will the VM600<sup>Mk2</sup> be available with the new condition monitoring capabilities?

We begin accepting new orders in October 2021 & deliveries December 2021.

### Q3 - When will be the SIL Certified version of VM600<sup>Mk2</sup> available?

The VM600<sup>Mk2</sup> is designed as per IEC 61508 to conform to SIL2 certification requirements. The SIL2 certification will be available in 2022 subject to demand.

### Q4 - When will the cybersecurity certification for the VM600<sup>Mk2</sup> available?

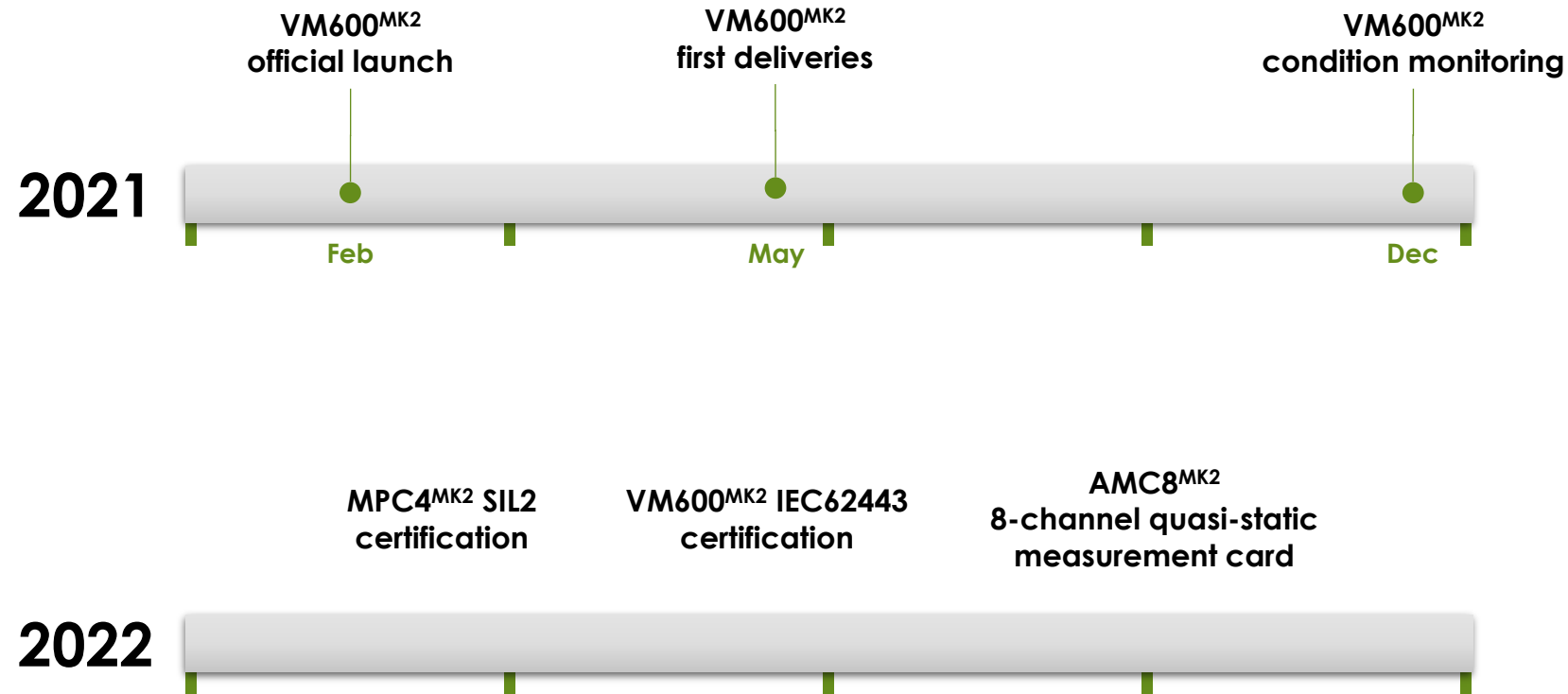
The IEC62443 certification is foreseen in the future if there is enough customer demand.

### Q5 - When will be a replacement for the AMC8 card be released

A new AMC8<sup>Mk2</sup> card is foreseen in 2022 if there is enough customer demand.

# LAUNCH TIMELINE

## VM600<sup>Mk2</sup> launch FAQ



# PRICING

## VM600<sup>Mk2</sup> launch FAQ

### Q1 - How much is the price of the new MPC4<sup>Mk2</sup>?

The price of a MPC4<sup>Mk2</sup>/IOC4<sup>Mk2</sup> card pair is kept same as the current version of the MPC4

Note: Individual card prices of the MPC4<sup>Mk2</sup>/IOC4<sup>Mk2</sup> may however be different

### Q2 - When will be the price list updated with prices for the new VM600<sup>Mk2</sup> system?

This is expected to be released in the next price release in March-2021

### Q3 – What will be the price for MPC4<sup>Mk2</sup> condition monitoring version?

A decision on this expected shortly & we expect to incorporate the pricing in the next release of the Price `list in Mar-2021.

It will be clearly more competitive compared to the XMV16 based solution.

We are also looking at options to simplify the Vibrosight ordering & pricing.

# VM600 VS VM600<sup>Mk2</sup>

## VM600<sup>Mk2</sup> launch FAQ

### Q1 - Are there any key features in the existing MPC4 missing in the new MPC4<sup>Mk2</sup>?

All the MPC4 key features are as well available in the MPC4<sup>Mk2</sup>.

### Q2 - Is the new MPC4<sup>Mk2</sup> compatible with the CPUM or CPUR or CPUR2?

The MPC4<sup>Mk2</sup> is only compatible with the new **CPUM<sup>Mk2</sup>**.

### Q3 - Is the new MPC4<sup>Mk2</sup> compatible with the existing MPC4?

Both generations perform the same function but a MPC4 can't be paired with an IOC4<sup>Mk2</sup> and a MPC4<sup>Mk2</sup> can't be paired with an IOC4T. The MPC4<sup>Mk2</sup> must be configured with the new VibroSight Protect software and the MPC4 must be configured using the MPS software.

### Q4 - Is it possible to use the existing RLC16, IRC4 or AMC8 cards in a VM600<sup>Mk2</sup> system?

No, the RLC16, IRC4 or AMC8 can't be configured using VibroSight Protect.

### Q5 - Is it possible to use the existing XMV16 and XMC16 cards in a VM600<sup>Mk2</sup> system?

Yes, the XMV16 and XMC16 cards can receive the raw signals from the MPC4<sup>Mk2</sup> cards in order to perform their condition monitoring function.

# TECHNICAL

## VM600<sup>Mk2</sup> launch FAQ

### Q1 - What will be the difference in terms of condition monitoring capabilities between XMV16 and MPC4<sup>Mk2</sup>?

The detailed characteristics of the MPC4<sup>Mk2</sup> CMS are being established.

Nevertheless the goal of the **MPC4<sup>Mk2</sup>** is to become a more cost effective solution compared to the XMV16 capable of performing condition monitoring on turbomachinery, hydro turbines and balance of plant equipment.

### Q2 - Can the configuration of the MPC4<sup>Mk2</sup> be done via the CPUM<sup>Mk2</sup> or shall it be done from the Ethernet port on the MPC4<sup>Mk2</sup>?

The configuration of the MPC4<sup>Mk2</sup> can only be done via the Ethernet port on the MPC4<sup>Mk2</sup>.

### Q3 - It is possible to configure the MPC4<sup>Mk2</sup> cards one by one within a VM600 rack?

To be able to guarantee the configuration consistency within a VM600 rack, VibroSight Protect requires network communication with all MPC4<sup>Mk2</sup> cards in parallel.

### Q4 - Can VM600<sup>Mk1</sup> and VM600<sup>Mk2</sup> cards coexist inside the same rack?

Yes, it is possible to mix VM600<sup>Mk1</sup> and VM600<sup>Mk2</sup> cards within the same VM600 rack.

In case of a mix, adequate care needs to be taken to ensure that there are no configuration conflicts between the MPS1 configuration and the VibroSight Protect configuration.

Any new systems delivered from vibro-meter will be existing VM600 generation or the new generation but never a mix of both.

# TECHNICAL

## VM600<sup>Mk2</sup> launch FAQ

### **Q5 - CPUM<sup>Mk2</sup> won't have any local display but, does Vibro-meter have any alternative solutions available?**

The CPUM<sup>Mk2</sup> provides several possibilities of a 3<sup>rd</sup> party display. We are currently evaluating the possibilities to provide a standardized solution.

### **Q6 – What type of temperature signals can be connected to auxiliary ? Is it possible to process PT100 or RTD signals?**

You can use the current source in the MK2 to supply a steady current on a PT100 or RDT and read the voltage across these elements. However, post processing would be required to find the temperature. Additionally the accuracy would be limited (~5% with a common PT100, e.g.).

### **Q7 – Is VM600Mk2 going to be available as slim?**

Yes. The 6U and 1U racks for Mk1 and Mk2 systems are the same. These are the cards e system Mk1 or Mk2.

### **Q8 – How does the dual channel processing function for the auxiliary channels for the position measurement like differential expansion?**

Auxiliary channels process the quasi static signals just like the dynamic inputs. Therefore they are also capable to carrying out differential expansion measurements.

# TECHNICAL

## VM600<sup>Mk2</sup> launch FAQ

**Q9 – Will the frequency processing switch over from order tracking to fixed frequency mode in case of tacho fault (may be on a fall back frequency)?**

This feature is not foreseen for machinery protection

**Q10 – Are the analogue inputs isolated inputs?**

No, the inputs are not galvanically insulated. A GS1127 can be used to provide such insulation on applications that would require it (e.g. for explosive environments).

**Q11 – The DC outputs are an isolated outputs?**

No, the DC outputs are not galvanically insulated outputs



# TRANSITION

## VM600<sup>Mk2</sup> launch FAQ

### Q1 - What is the vibro-meter transition plan from the existing VM600 generation to the new one?

The transition will be gradual. From January 2023 we expect to sell only VM600<sup>Mk2</sup> and the current MPC4 will be sold only as a spare.

### Q2 - What is the availability of MPC4/IOC4 cards?

Due to obsolescence of key components the availability of MPC4/IOC4T can be guaranteed until the end of 2022 and vibro-meter will provide spares for the next 5 years or more depending on the sub components availability.

### Q3 – Is it possible to migrate the configuration from Mk1 to Mk2?

The MPS configuration has to be manually recreated in VibroSight Protect.

# SUPPORT

## VM600<sup>Mk2</sup> launch FAQ

### **Q1 - Has the vibro-meter customer support team been trained and ready to provide support for the VM600<sup>Mk2</sup> system?**

Selected customer service champions are able to provide support for the VM600<sup>Mk2</sup> commissioning installation and configuration in all regions.

### **Q2 - Are VM600<sup>Mk2</sup> individual or group trainings available for our distributors?**

VM600<sup>Mk2</sup> training from vibro-meter will be available from Q2 2021.

VM600<sup>Mk2</sup> self-training material will be available on Q3 2021.

### **Q3 - How to order the VibroSight Protect software? is it free?**

Protect is the part of VibroSight software suit and does not require a license.

Software can be downloaded from FTP server via which new releases of VibroSight are distributed.