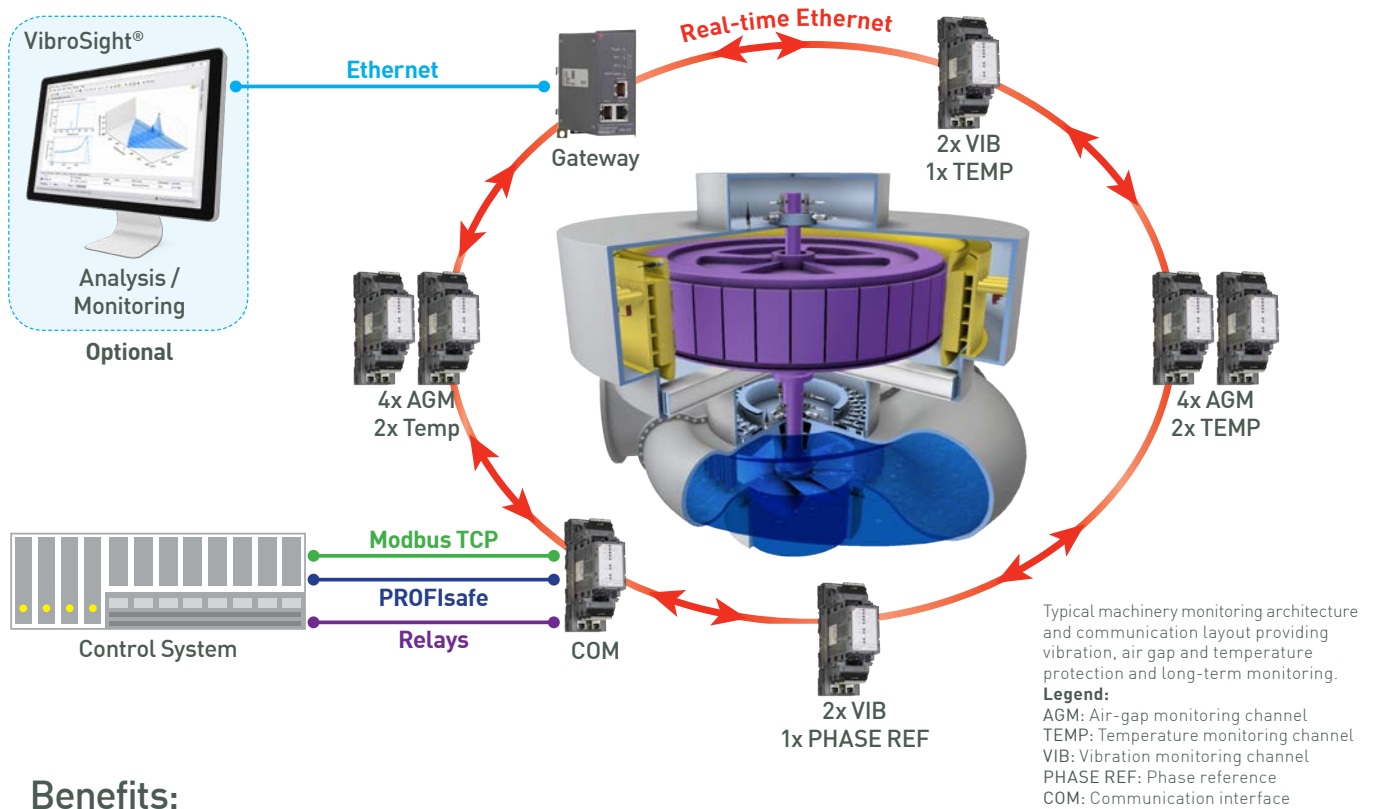


**NEW**

**MEGGITT**

# Vibro-Meter®

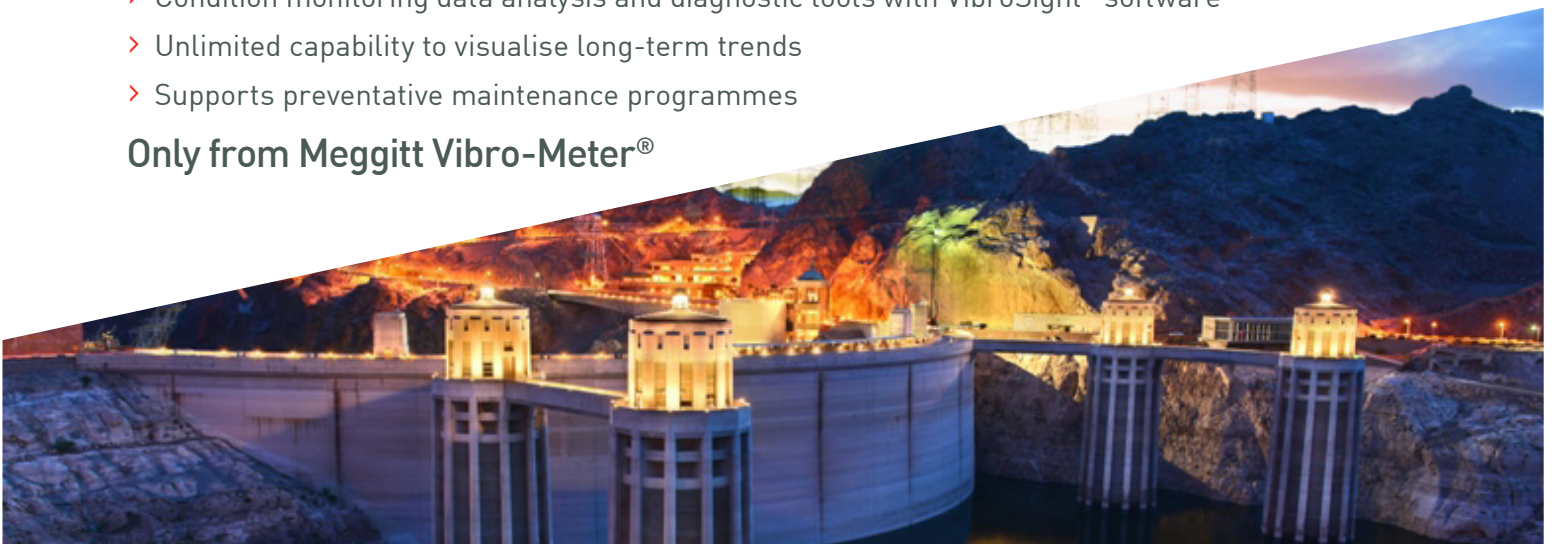
## Hydro Machinery Protection and Monitoring with VibroSmart®



### Benefits:

- › Complete turn-key solutions for all hydropower plant machinery
- › Versatile solution – compatible with Vibro-Meter® best in-class sensors for air-gap, vibration and temperature monitoring
- › Comprehensive hydro machinery protection and condition monitoring solutions
- › Highly scalable solution – adding channels is simple and cost effective
- › Fully integrated solution with control systems such as DCS and SCADA
- › Condition monitoring data analysis and diagnostic tools with VibroSight® software
- › Unlimited capability to visualise long-term trends
- › Supports preventative maintenance programmes

Only from Meggitt Vibro-Meter®





# MEGGITT

## Vibro-Meter®

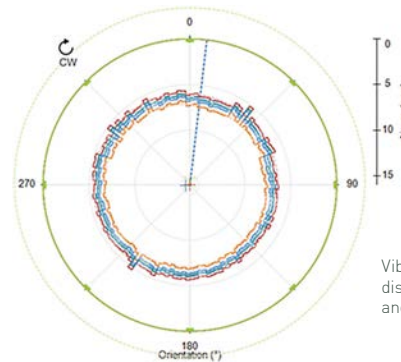
### VibroSmart®

**One device for all applications** - The unique design of the VibroSmart® distributed monitoring system supports all machinery protection and condition monitoring applications (vibration, air gap, temperature, etc.) with highly configurable VibroSmart® VSV30x devices. This dramatically simplifies spares management.

**Distributed architecture** - Eliminates 30% of your system installation cost – less wiring because modules are close by the machinery, use of junction boxes instead of complex cabinets.

**Industry standard communication protocols** – This enables safe and reliable communication within the system and with external compatible devices. This mission critical design allows trip signals to be transferred via digital protocols eliminating the requirement to wire relay outputs.

**Hot swappable for shorter Mean Time To Repair (MTTR)** - The base of each VibroSmart® module stores all configuration settings in its memory. This means when a module is replaced in the field, the configuration for the new module is automatically loaded into it. No configuration is required, significantly reducing the time to repair the failed device.



VibroSight Polar waveform plot displaying rotor signatures (inner) and a layer rotor shape (outer)

**Software dual-tasking** - The VibroSight software with the latest Hydro air-gap monitoring package support simultaneous data logging and data display. So for instance, you can display live data during a machine transient while the data is being stored in the database repository (historical data).

**CEATI compliant** - Meggitt's VibroSight® condition monitoring software provides true rotor and stator circularity measurements according to the CEATI industry standard, which ensures standardised and reliable calculations that you can trust.

### Contact us:

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