vibro-meter

VibroSight condition monitoring data management

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February 2024



AGENDA

- 1. Tools and utilities
- 2. VibroSight software data management

Data logging

Database backup

Database purge

Database copy to file storage

Database mirroring

Cybersecurity architecture

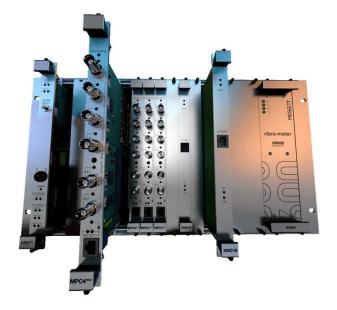


TOOLS AND UTILITIES

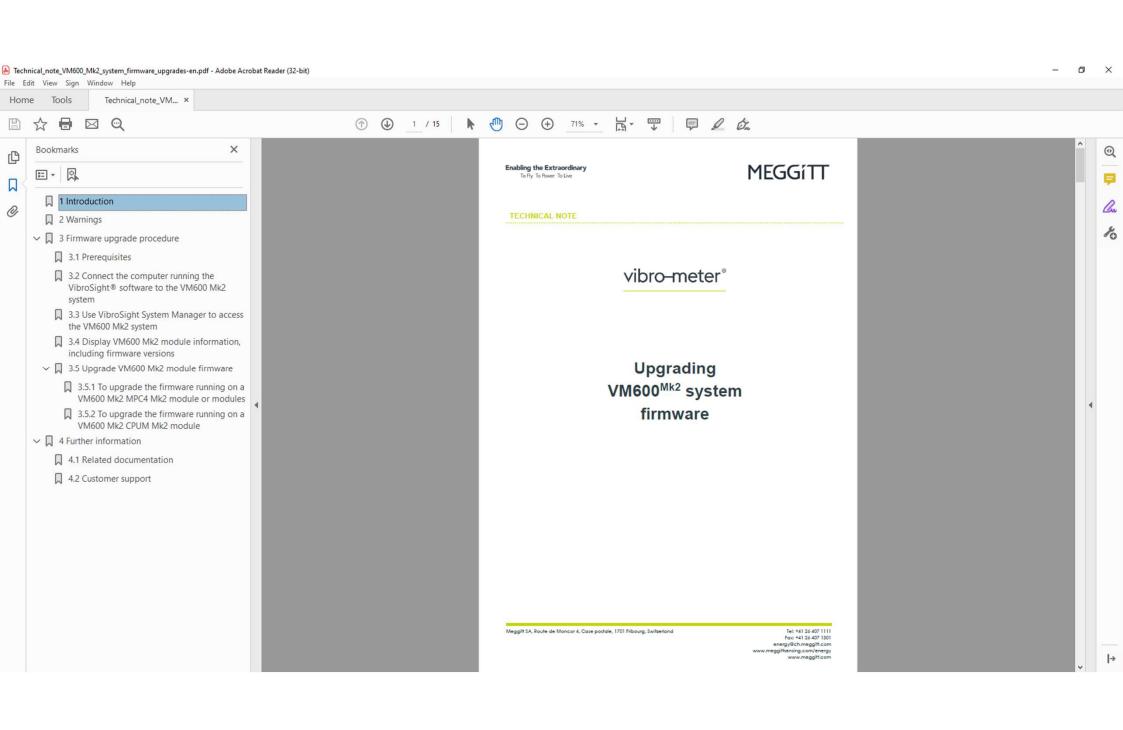
UPGRADING VM600 MK2 SYSTEM FIRMWARE

Protection and monitoring systems

- New technical note (short manual)
- Describes the procedure for upgrading the VM600Mk2 firmware
- Available from the <u>User manuals</u> section in the LOGIN area of the Parker Meggitt website (LOGIN required).
- Information on the most recent firmware versions and compatibility information can be found in the VibroSight release notes.







VIBROSIGHT SOFTWARE RELEASES

Protection and monitoring systems

- The latest version of the VibroSight® software, VibroSight 7.4.0, was released in September 2023.
- Refer to the VibroSight software release overview and software release notes.
- VibroSight 7.4.3, a maintenance-level release, was made available in January 2024 to help resolve issues and correct bugs.
- The next version is scheduled for April 2024 and will add support for XMV16 to VibroSight Capture.





STOP SUPPLYING VIBROSIGHT COMPUTERS

Protection and monitoring systems

- For business/commercial reasons, we have decided to stop supplying computers with VibroSight® software pre-installed.
- The letter ("Configured computer discontinuation letter") announcing the discontinuation of this service is available from the Obsolence letters section in the LOGIN area of the Parker Meggitt website (LOGIN required).
- Accordingly, such VibroSight computers (blackbox, desktop, workstation and rackmount) have been removed from the VibroSight® software data sheet.

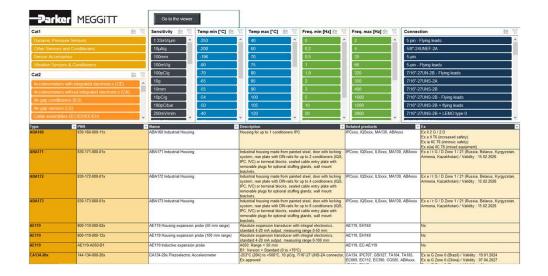




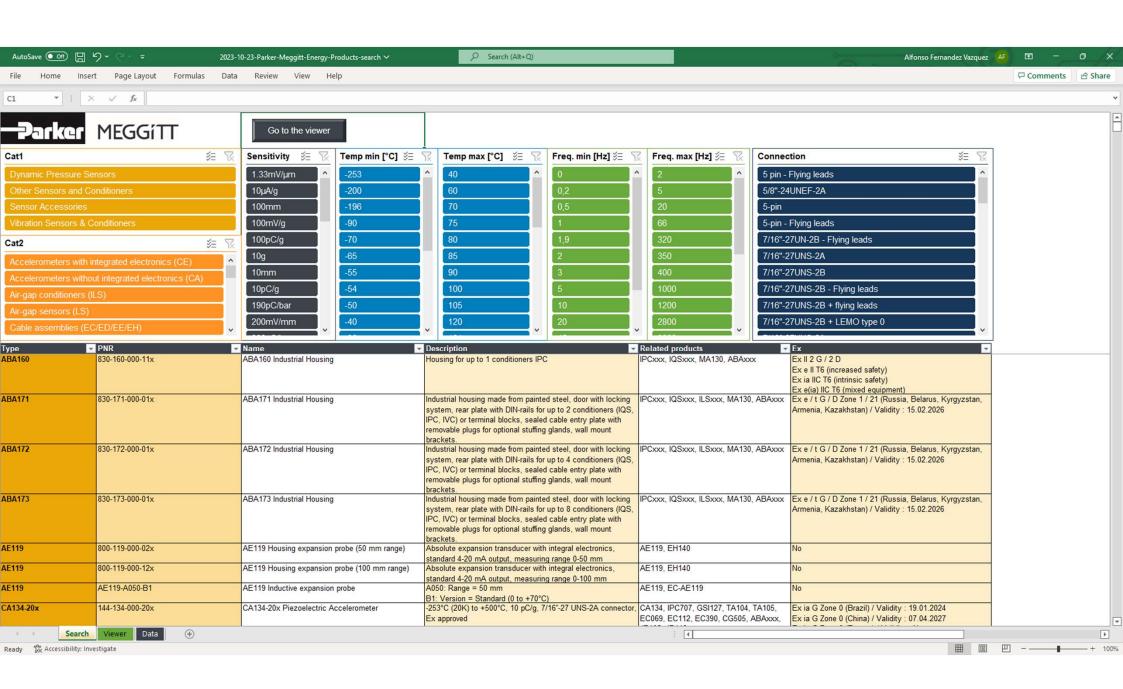
NEW SENSORS AND CONDITIONERS EXCEL TOOL

Sensors and conditioners

- Designed to make your product decision process easier.
- Includes relevant information and filtering tools to help you choose the right product for specific applications.
- You can download the Excel based tool from Energy website's login area - <u>Tools and utilities</u>







VIBROSIGHT SOFTWARE DATA MANAGEMENT

VIBROSIGHT SERVER

VibroSight software data management



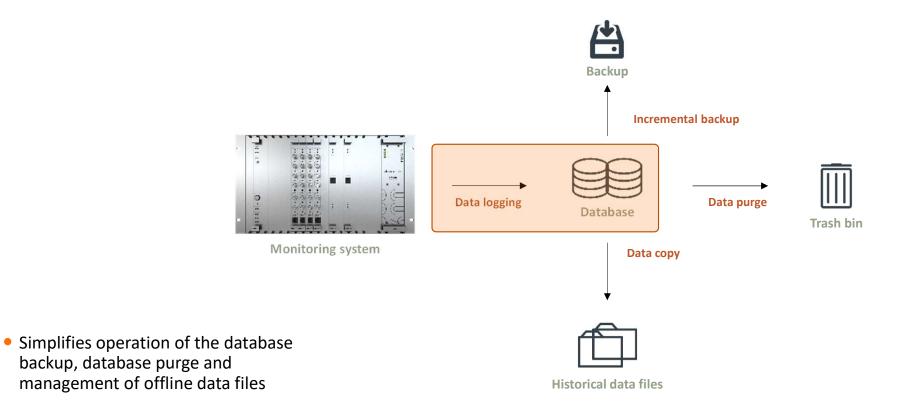
The core server software module that interacts with all other parts of the machinery monitoring system and manages the online database.





INTEGRATED DATA MANAGEMENT

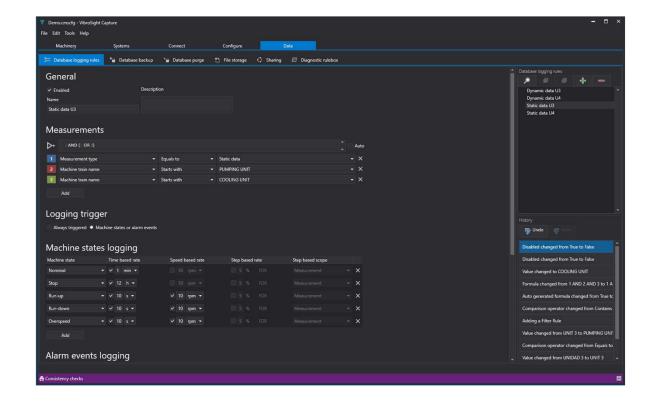
VibroSight software



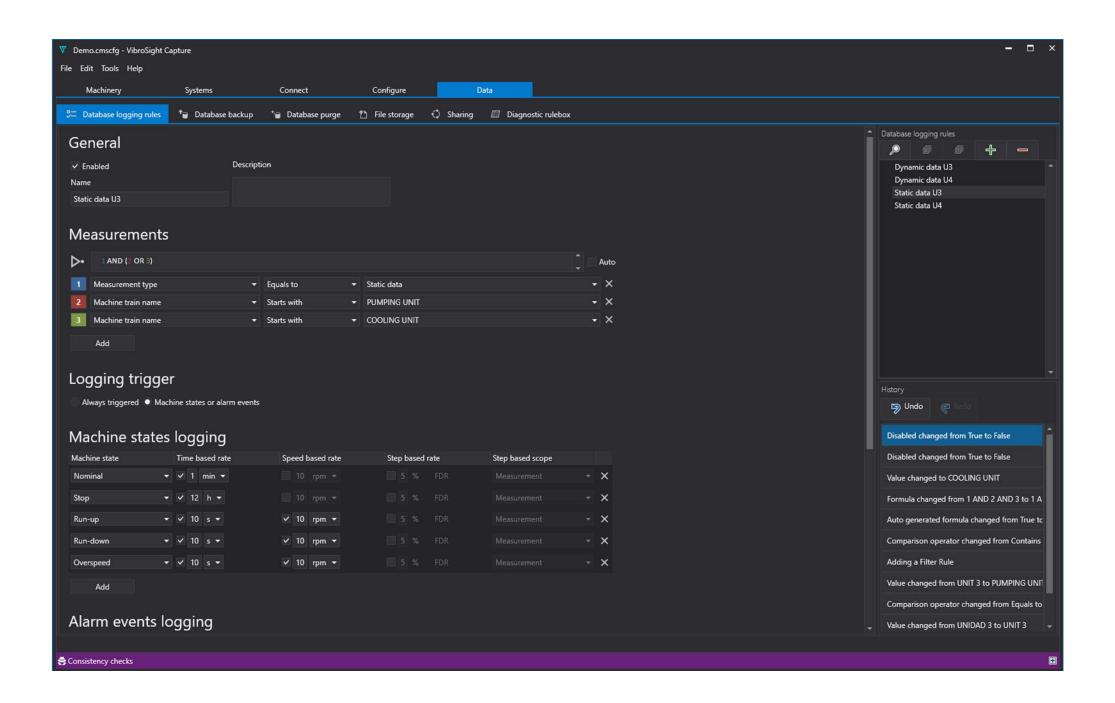


DATA LOGGING RULES

- Dynamically selection the measurements to be logged based on a flexible filtering options.
- Change to the machine instrumentation does not require an update of the logging rule.
- Custom logging rate configuration of every machine state or alarm state.
- A single logging rule can be applicable to multiple machine trains.

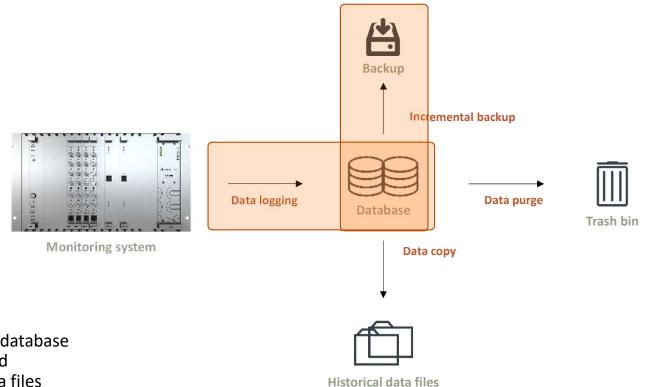






INTEGRATED DATA MANAGEMENT

VibroSight software

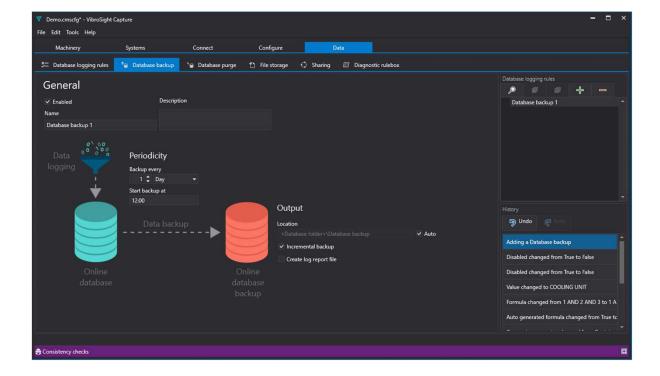


 Simplifies operation of the database backup, database purge and management of offline data files



DATABASE BACKUP

- The VibroSight Server can be recovered from the backup database in case of catastrophic failure
- Incremental backup to reduce usage of PC and network resources
- Does not require system service interruption



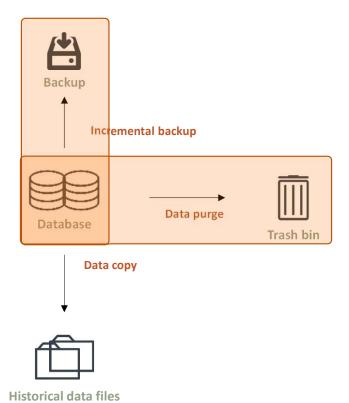


INTEGRATED DATA MANAGEMENT

VibroSight software



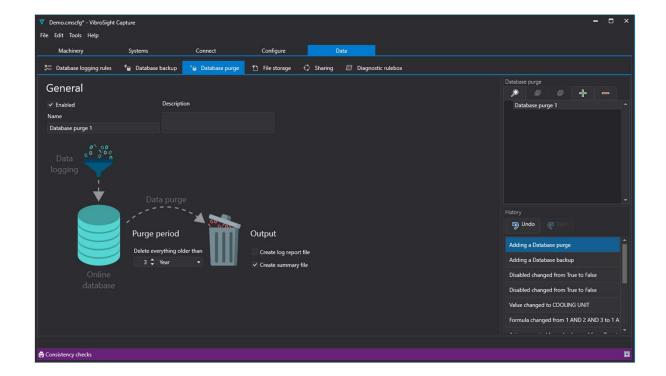
 Simplifies operation of the database backup, database purge and management of offline data files





DATABASE PURGE

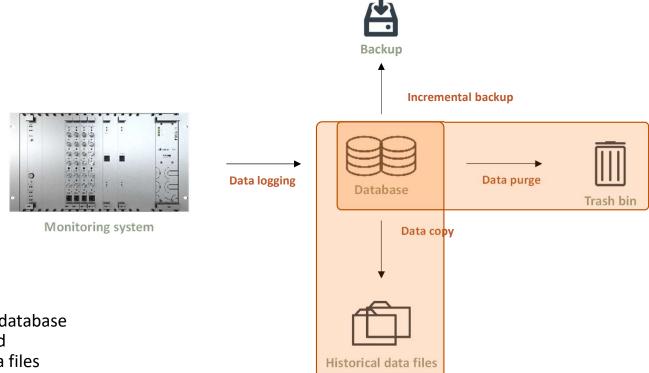
- Allows keeping the Database size under control by deleting the oldest data
- Does not require system service interruption
- The data can be saved to a historical data repository before it is deleted from the database





INTEGRATED DATA MANAGEMENT

VibroSight software

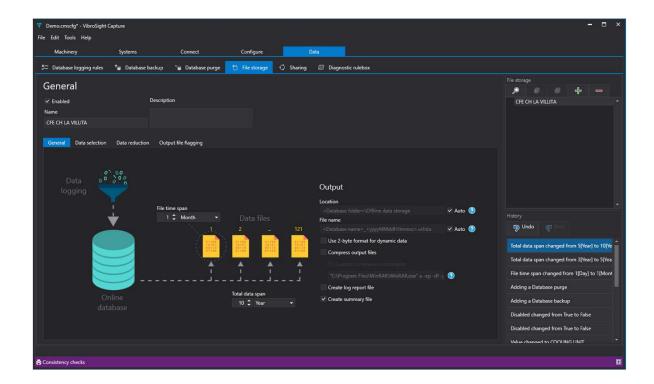


 Simplifies operation of the database backup, database purge and management of offline data files



DATABASE COPY TO FILE STORAGE

- The database content can be automatically exported to historical data files.
- Disk usage is limited to the maximum amount of files
- Does not require system service interruption
- Typically used for:
 - Offline data repositories
 - Database mirroring





OFFLINE DATA REPOSITORIES

VibroSight software data management

Enabling Engineering Breakthroughs that Lead to a Better Tomorrow

Monitoring system









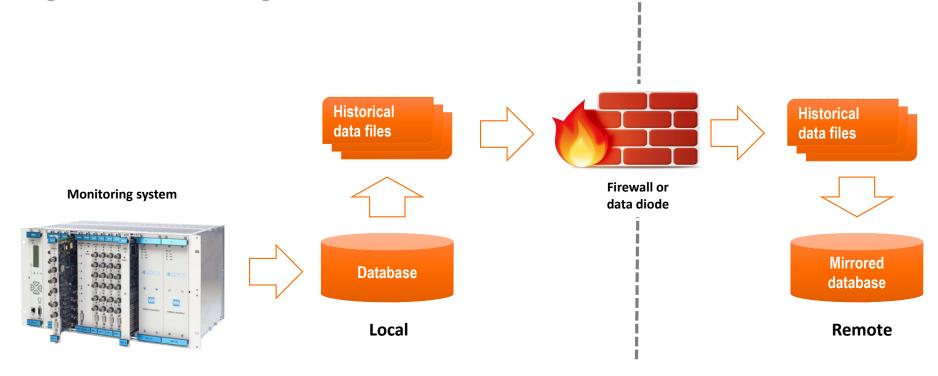
Historical data files

Latest 3 years

Latest 10 years

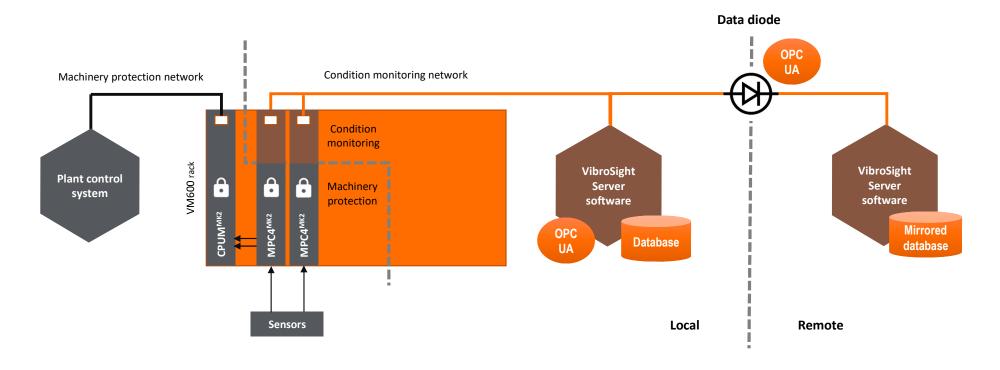


DATABASE MIRRORING



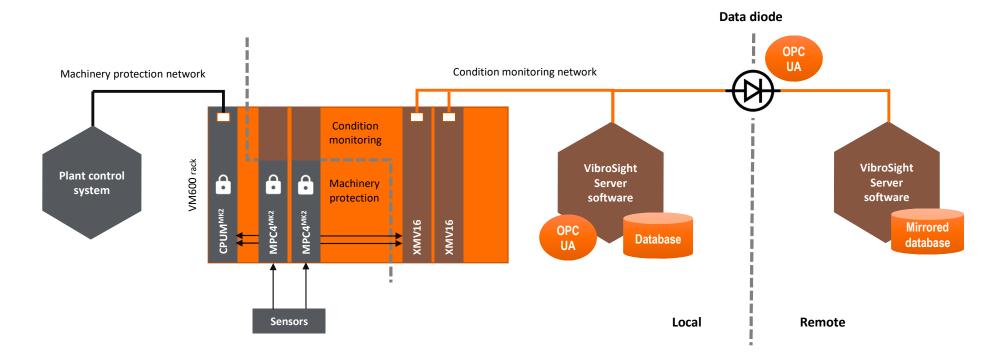


CYBERSECURITY ARCHITECTURE



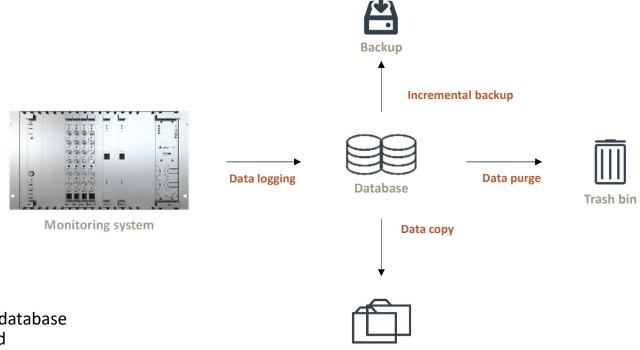


CYBERSECURITY ARCHITECTURE



INTEGRATED DATA MANAGEMENT

VibroSight software



Historical data files

 Simplifies operation of the database backup, database purge and management of offline data files



