

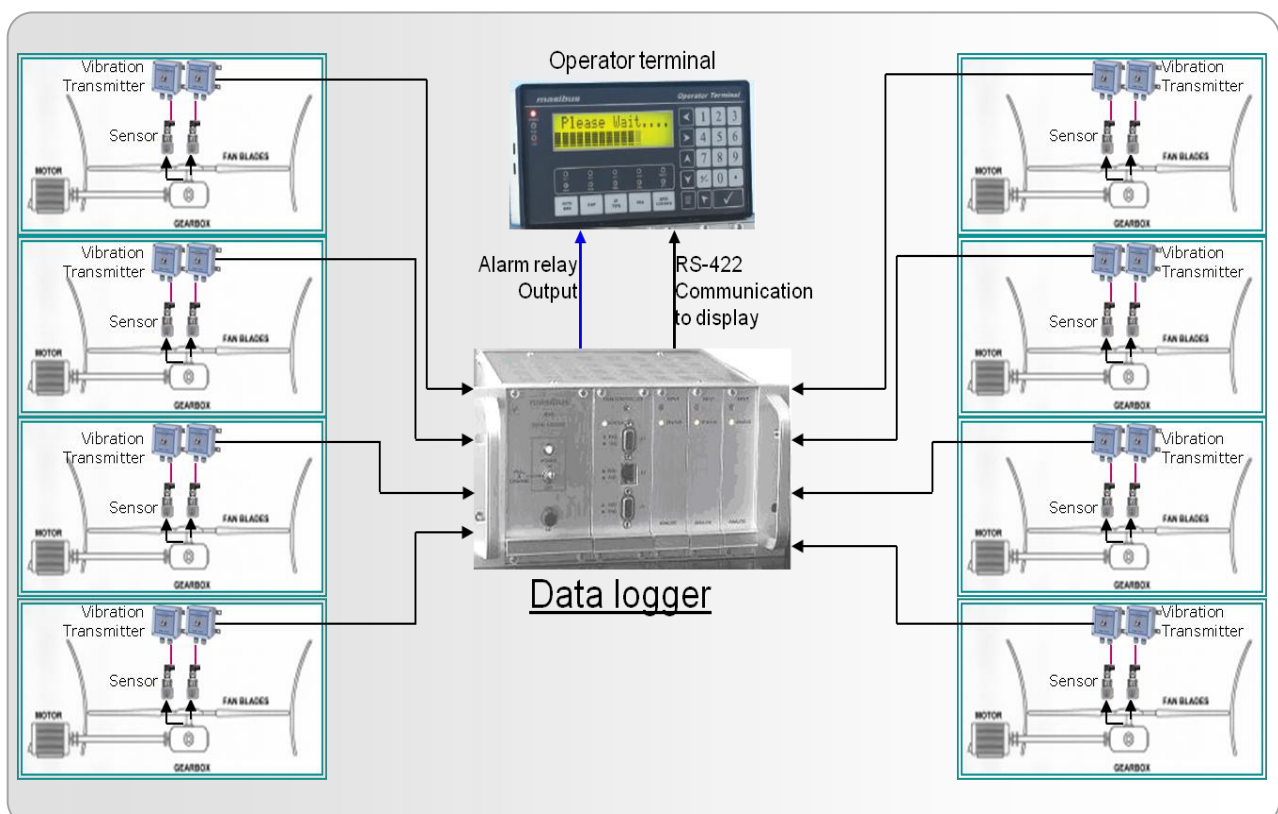


Online Vibration Monitoring System of Cooling Tower's Fan

MASIBUS offered Supply, Installation & Commissioning of Vibration Monitoring of Cooling Tower's Fan

Opportunity

- Vibration monitoring system for preventing Cooling Tower Cell failures
- Customer faces break down which leads to losses and safety related issues.
- In most cases, the location and environment discourages the attempts done to collect the data or visually inspect the fan.



Solution

- Masibus offered Supply, Installation & Commissioning of Online microprocessor based Vibration monitoring system
- The monitoring system includes Vibration sensor, Loop powered Vibration Transmitter and Data Logging System with Operator Terminal Unit
- System continuously monitors vibration from gear box, provides reading to Operator, relay output and data is stored in memory
- Facility to interface with PLC, DCS and SCADA system on RS485 Modbus

Benefits

- Early detection of faults that allows the user to initiate repairs to prevent costly maintenance
- Predictive maintenance to avoid high cost breakdown maintenance.
- To take appropriate actions when alarm levels are exceeded or significant changes are detected
- Higher Temperature Accelerometer gives necessary performance for high temperature application
- Vibration Data logger provides easy monitoring and logging of data.
- Keeps track of historical data in case there are any alarms



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