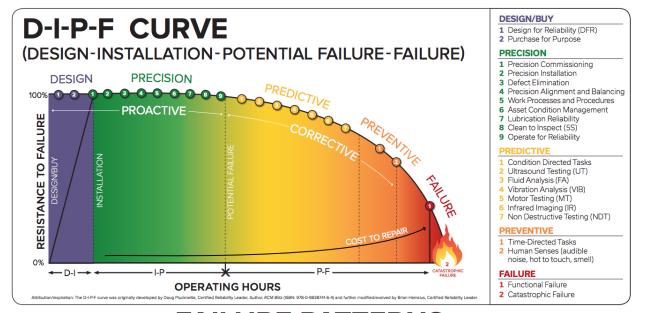
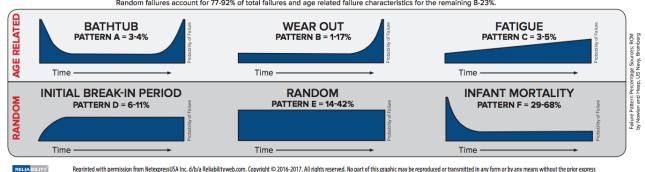


HOW **OCCURS**

WEB.COM



FAILURE PATTERNS



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APPLICATION AREAS

LEAK DETECTION

- Pressurized gas systems
- Heat exchangers
- Tanks and boilers
- Doors
- Valves

ELECTRICAL INSPECTIONS

- Electrical cabinets
- Transmission lines & insulators
- Transformers
- Circuit breakers

(DETECTING: Tracking, Arcing, Corona, mechanical looseness, current harmonics, voltage and current unbalance)

MECHANICAL INSPECTIONS

- · Bearing health
- Condition based lubrication
- Resonance
- Unalignment
- Unbalance
- Looseness
- · Straightness and eccentricity of axial systems
- Condition of sealing
- Condition of machine fluids
- Cavitation

THERMODYNAMIC ANALYSIS

Reciprocating engines

VIBRATION ANALYSIS MOTOR CURRENT SIGNATURE ANALYSIS

THERMOGRAPHY / TEMPERATURE MEASUREMENTS

ENGINE FLUIDS CONDITION ASSESEMENT AIRBORNE / STRUCTUREBORNE ULTRASOUND

MEASUREMENT CAPABILITIES

THERMODYNAMIC ANALYSIS OF DIESEL ENGINES

WEARDC

- The platform incorporates a combination of sensors and a data collection device with a smartphone or tablet as the interface.
- Sensors from recognized manufacturers.
- IEPE Accelerometers, Ultrasound, and any 0-10V/4-20mA sensor (rotation speed, static and dynamic pressure, contact temperature, IR, humidity, voltage/current, force, torque)



OPTICAL INSPECTIONS

 With the WEARDC One application anyone can perform optical inspections only with a smartphone.

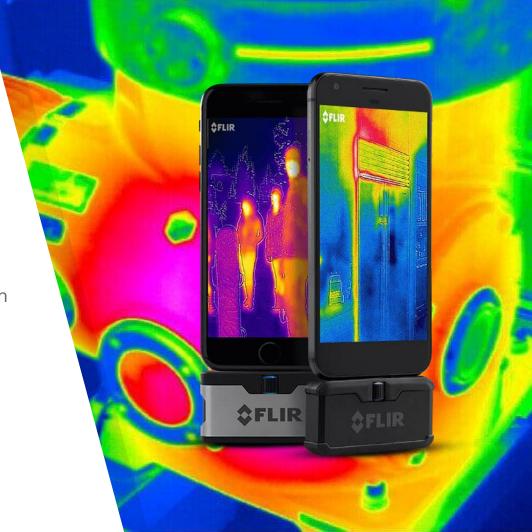
 Reports are generated automatically and are available through our Mechbase software.

Paper forms are a thing of the past.



THERMOGRAPHY MEASUREMETS

- FLIR Thermal Cameras
- Image and temperatures sync with the cloud



MAINTNODE

- Permanently installed sensors
- Continuous monitoring 24/7
- Modbus, CANBUS, OPC-UA
- Connect with OEE software



MECHBASE SOFTWARE

- Organize your assets with standardized formats
- Program routes
- Visualize machine health
- Analyze signals
- Statistical alarms



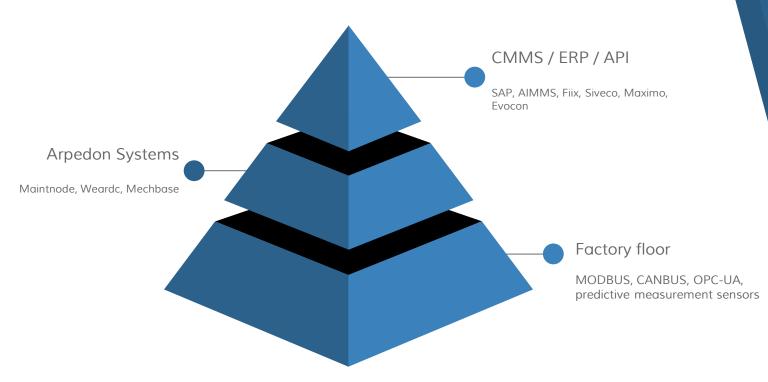
INTERGRATING WITH CMMS & EXTERNAL SYSTEMS

Use the software you already know.

Work orders can be generated automatically on your CMMS software according to the condition of your assets.



FROM PRODUCTION TO THE ERP



ACTIVITIES

- Design, construct and maintain
 Electromechanical installations
 electrical, industrial ventilation, point
 dedusting, mist systems, deodorization, fire
 detection, CO detection, firefighting, energy
 savings
- Complete diagnostic maintenance programs
 criticality analysis, sensor and diagnostic device selection, measurement service, diagnosis
- Precision maintenance
 alignments, balancing, condition based
 lubrication, discovery-cost estimation and
 repair of pressurized gas leaks
- Training

