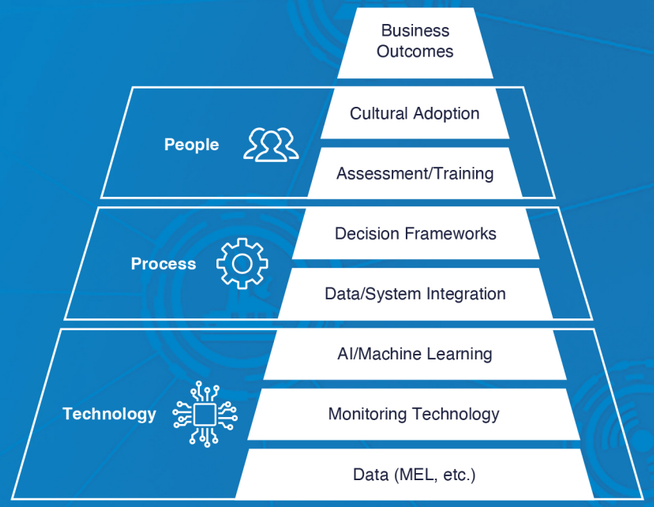
Reliability Services

Strengthen your reliability program with a team that draws on 35 years of plant-floor experience. Our practitioners helped write the industry standards that shape modern reliability practices.



Generator Products and Services

Our EASYchange brush holders and grounding systems are installed in more than 12,000 locations worldwide, making Cutsforth a trusted name in Power Generation



Generator Retrofit Hardware

- EASYchange Brush Holders
- Shaft Grounding Systems

Monitoring Systems

- Brush Condition Monitoring
- Shaft Voltage & Current
- Rotor Flux Monitoring

Repair Services

- Online Truing
- Spiral Groove Restoration
- Brush Rigging Inspections
- Emergency Services

Learn More

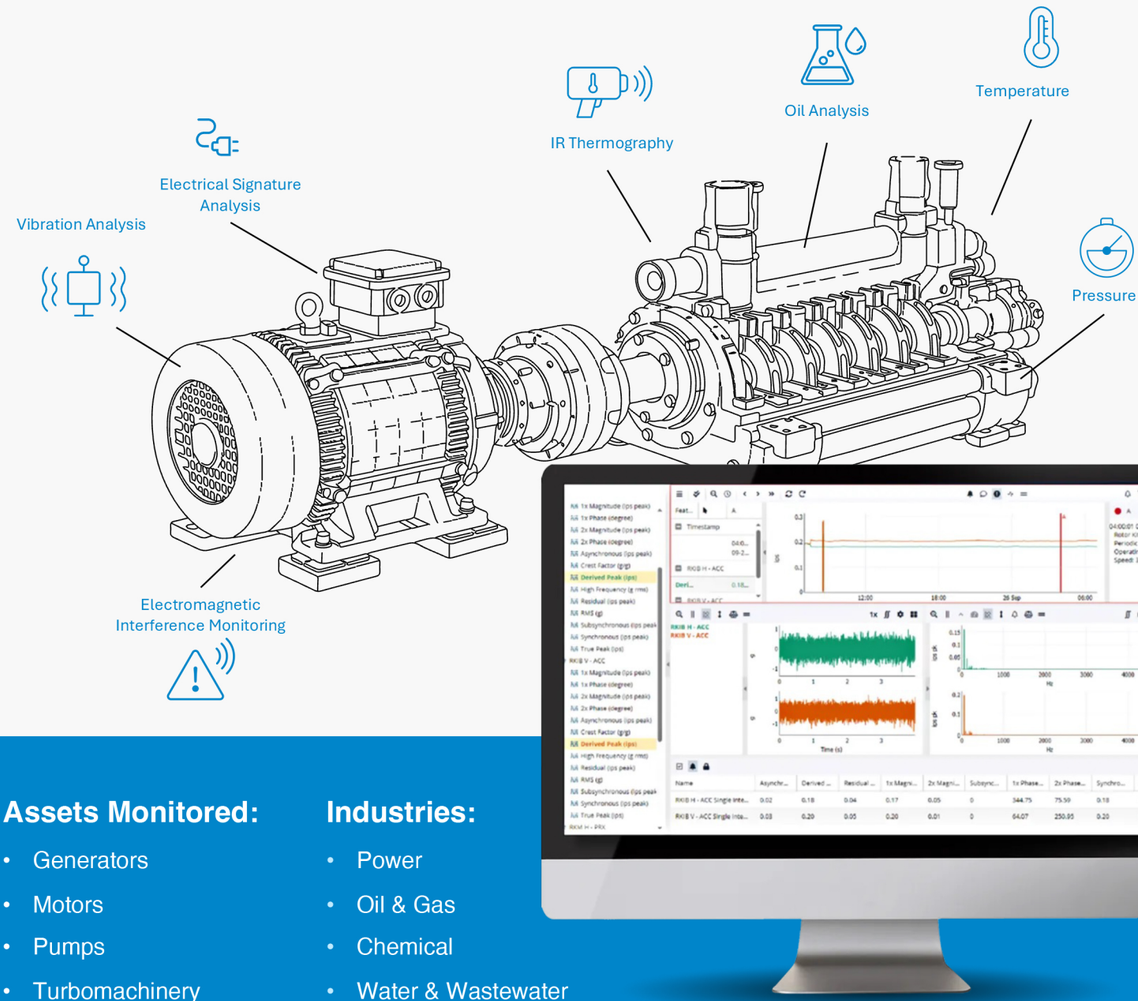
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Integrated Multi-Physics Monitoring Solutions and Reliability Services



Assets Monitored:

- Generators
- Motors
- Pumps
- Turbomachinery
- Compressors
- Transformers
- And more…

Industries:

- Power
- Oil & Gas
- Chemical
- Water & Wastewater
- Pulp & Paper
- Metals & Mining
- Data Centers

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InsightCM Condition Monitoring Platform

An integrated platform for asset monitoring and diagnostics

Sensor Options

Wired high-speed, high-resolution waveforms

Wireless low-cost, balance of plant

3rd-Party 4-20mA, analog, digital, Modbus

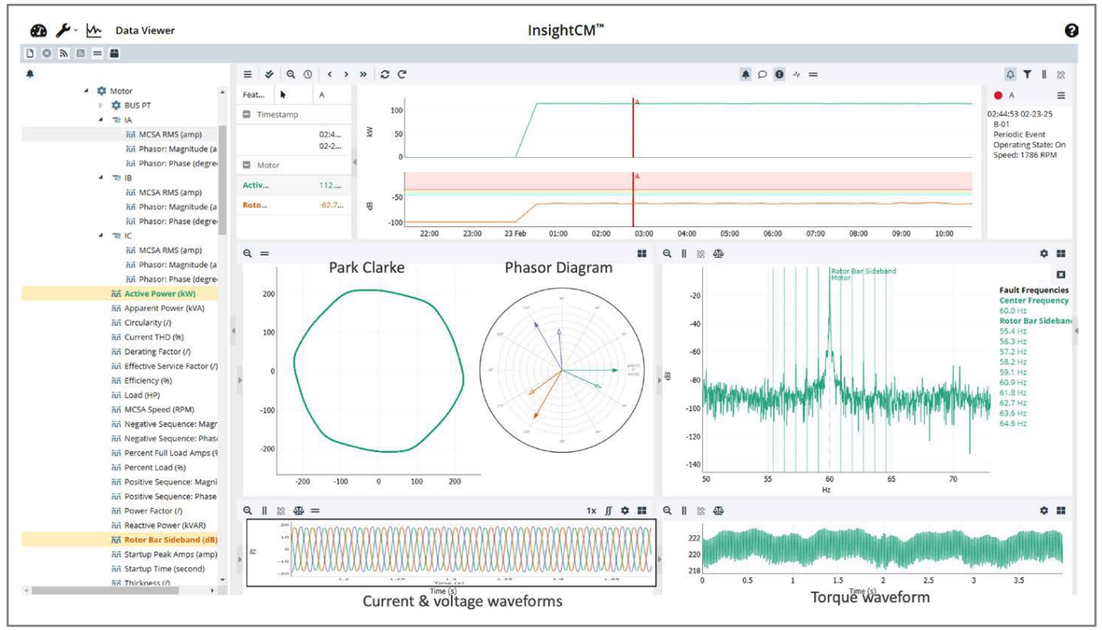
Route-Based for periodic monitoring

Buffered Analog Outputs for high security

Integrated Asset Tree for navigating across your plant or entire fleet

Flexible Triggers and Alarms for different operating states or loads

Intuitive Notifications for instant reporting with relevant context



Cloud or On-Premise for flexible install options

Multiple Displays optimized for different monitoring technologies

Capture and View Trends and Detailed Waveform Data in one environment

Browser based for monitoring from any computing device

Enterprise Integration

Historian Integration for process data

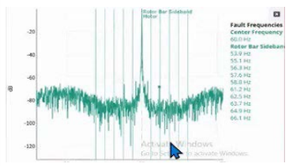
Downstream Analysis Tools for advanced diagnostics

Enterprise User/Data Security for worry-free monitoring

Multiphysics Monitoring

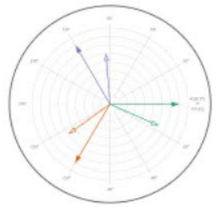
Vibration Analysis for rotating and reciprocating equipment to detect:

- Imbalance
- Misalignment
- Looseness
- Bearing defects
- Cavitation
- and more…



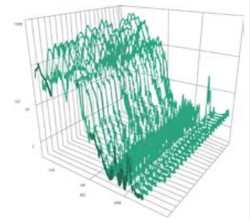
Electrical Signature Analysis (ESA) measures 3-phase current and voltage for fixed and variable-speed motors to detect:

- Bearing Issues
- Load Imbalance
- Power Quality Issues
- Misalignment
- Insulation Breakdown
- and more…



Electro-Magnetic Interference (EMI) detects high-frequency emissions in machines and power systems to detect:

- Partial Discharge
- Arcing
- Corona
- Sparking
- and more…



Infrared (IR) Thermography detects heat patterns in electrical and mechanical equipment to identify:

- Loose/Corroded Connections
- Overloaded / Imbalanced Circuits
- Insulation issues
- Friction or Cooling Issues
- and more…

