InsightCM™

InsightCM™ gives plants the ability to acquire and visualize data to better monitor the health of critical equipment.

Trending data over time allows plants to determine potential failures earlier, optimize maintenance activities, and reduce costly forced outages.

Compatible with enterprise software packages with a variety of configuration options.

Maintenance professionals benefit from full access to waveform data and multiple sensor technology inputs.

ACQUIRE, MEASURE, AND VISUALIZE

Acquire, measure, and visualize real-time data

VIEW TRENDS

Simultaneously gather data from different equipment around the plant

WIDE RANGE OF SENSOR INPUTS

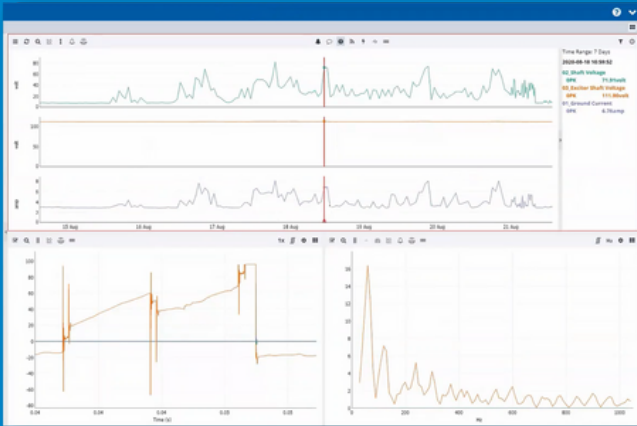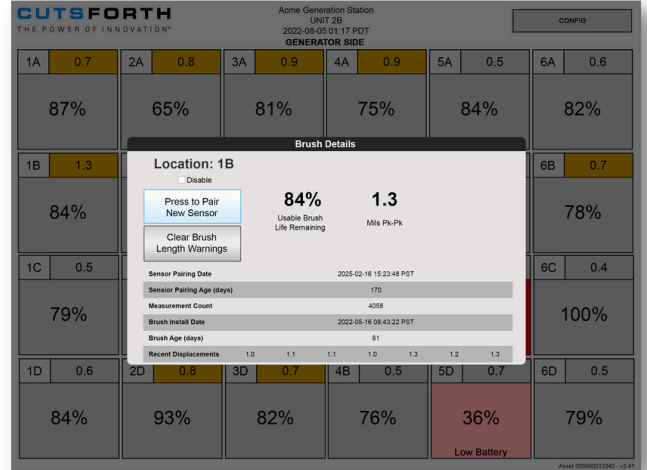Gain information from any asset

INTEGRATE AND CONFIGURE

Integrate and configure sensor measurements, analytics, data storage, and alarming

ICM MONITORING SOLUTIONS

Brush Condition Monitoring: archive and trend brush length and vibration to determine brush health.

Electromagnetic Interference Monitoring: maximize early detection of EM emissions to predict failures of arcing, partial discharges, etc.

Electrical Signature Analysis: use voltage and current signals to identify motor faults such as rotor bar damage, stator faults, and misalignment.
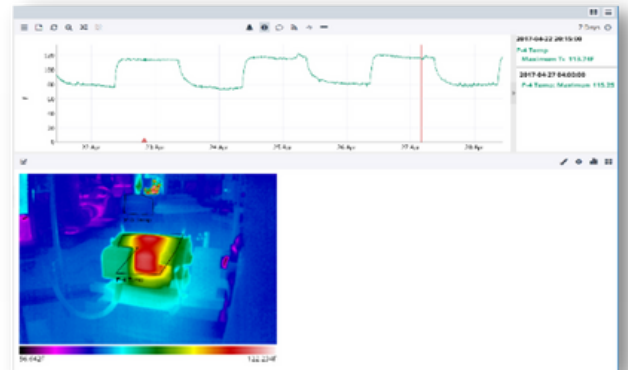

Rotor Flux: discover variances in the magnetic flux to indicate deterioration of winding insulation.

Shaft Ground Monitoring: examine shaft voltage and current to recognize failures such as poor shaft contact and bearing failure.

Thermography (infrared cameras): automate the process of collecting and monitoring images using infrared cameras.

Vibration Monitoring: analyze vibrations to provide early detection of machine failure modes.

Cutsforth.com/ICM

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THE POWER OF INNOVATION™