

FAN

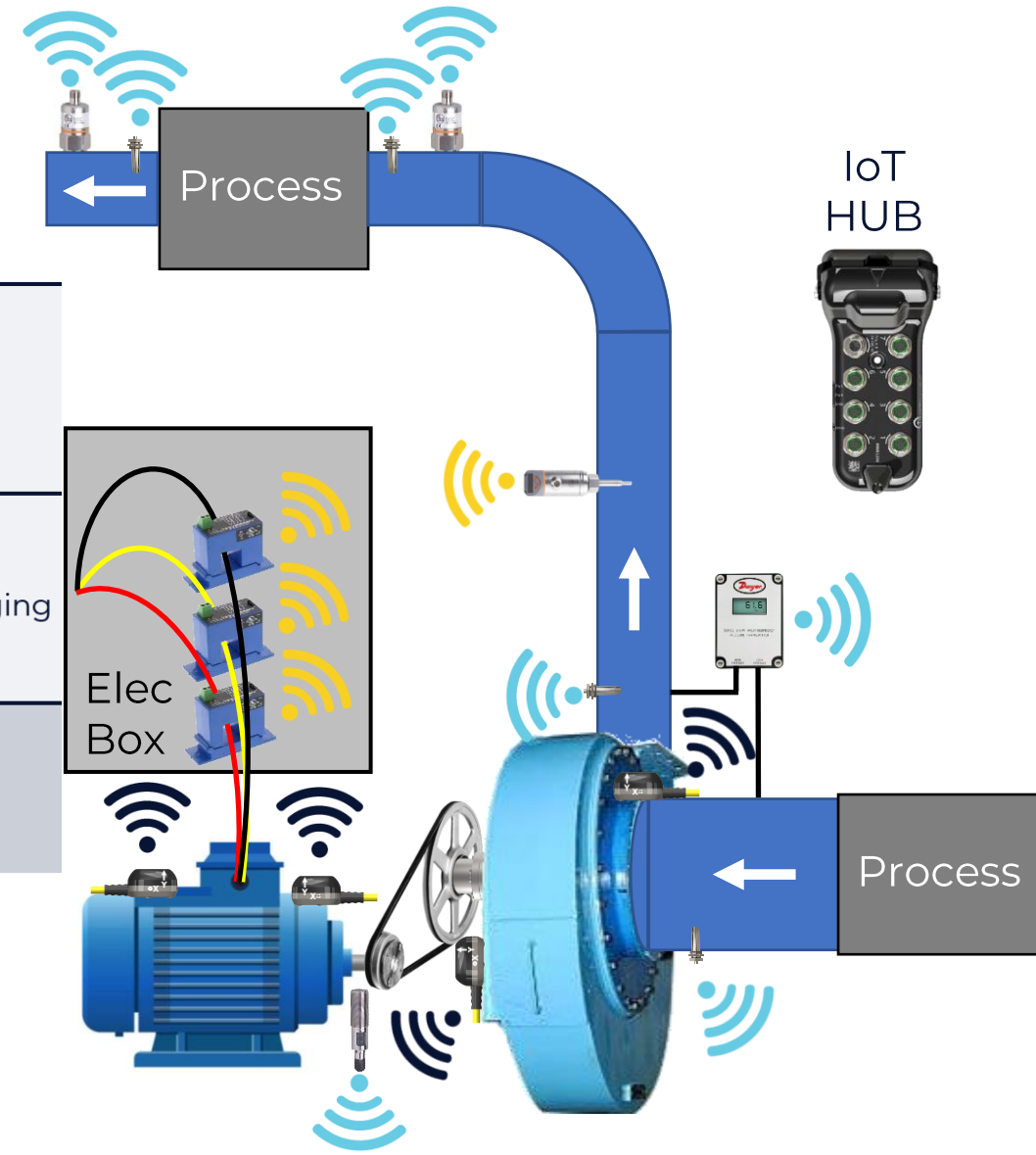
AVAILABLE TECHNOLOGY



 BEST
 BETTER
 GOOD

SOLUTION	CONDITIONS DIAGNOSED
Vibration MachineIQ Analytics	Blade, bearing, shaft, coupling, belt, imbalance, looseness, misalignment, pipe strain, resonance, flow obstruction, turbulence, motor faults
Run Speed Pressure Temperature	Timing of vibe faults, resonance Damping, pulsation, flow obstruction, filter clogging Lubrication, inefficiency, belt tension
MCSA	Amp overload or fluctuation, phase imbalance, inefficiency

APPLICATIONS: Reverse Thermal Oxidizing (RTO),
 Kiln Recirculation, Paper Drying, Gypsum Drying,
 Trim Blowing, Air Handling, MISC. FD/ID



DIFF PRESSURE

TECHNOLOGY DETAILS



PRESSURE DIFFERENTIALS

THE SOLUTION:

- ✓ Differential pressure monitoring is critical for measuring increases across pumps, fans, and compressors as well as drops across filters, valves, and dampers.



Diff Pressure Sensor, KCF Analog Adapter, and KCF IoT HUB



KCF Base Station

THE PROOF:

- ✓ Spikes in pressure loss across a filter allows for timely changes.

