

WE PRESENTLY HAVE AN INDUSTRY GAP: LACK OF MECHANICAL PREDICTIVE ANALYTICS

Typical 70 % of breakdown

Mechanical

Wear
Deterioration
Backlash
Increase in clearances
Vibrations
Acoustics
Thermal



Standard IoT
(sensors + wireless
transmission)



Typical 20% of breakdown

Hydraulics

Pressure
Temperature
Flow Rate
Contamination
Density



Very high frequency data
Difficult to decipher signal from noise
Bandwidth limitations
Storage limitations
Standard IoT does not work :-/

Typical 5% of breakdown

- Temperature
- Thermal Mapping
- Thermal Flux



Standard IoT
(sensors + wireless
transmission)



Typical 5% of breakdown

- Electrical
 - Electronic Life
 - Power surge
 - Current
 - Voltage
 - Power factor
 - Energy Efficiency



Standard IoT
(sensors + wireless
transmission)

Patented Edge technology for Equipment Monitoring and Reliability