

YOU CAN'T PREDICT WHAT YOU CAN'T SEE

How is I-care™ able to **predict failures** earlier and better than anyone else?



TRANSMITTER

Fmin

Fmax

Input Range

Resolution

Most
Contenders
(MEMS)

5-10 Hz

5 KHz

8-20g

1600

Wi-care
(Piezoelectric)

2 Hz

20 KHz

50g

16000

Why
care?

Ability to **see** defects on slow speed machines

High frequency signals allow you to **see** key failure modes

Fault signal amplitude allows you to **see** fault severity

Higher resolution helps you to **see** the difference between potential fault types

FAULT DETECTION

Bearing Faults
Gear Defects
Lubrication
Pump Cavitation

Standard Vibration
Only

Standard Vibration
plus
High Frequency
Impact Detection

Required to **see** fault patterns earlier and more clearly

GATEWAY

Data
Throughput
(typical)

50 waveform/day

500 waveform/day

Access more data for both manual and automated analysis

SOFTWARE

PdM
Integration

Separate for portable
and wireless

Same for portable
and wireless

One system to learn.
One database to maintain

EXPERTISE

Service

Domain
Knowledge

via Business Partners

Product focus

World Leading

We Understand
IIoT and Machines

Ability to offer
expert support from
field practitioners

Learn more, contact us today!

www.icareweb.com

