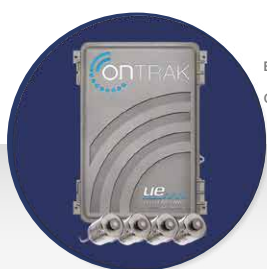# OnTrak

IIoT bearing lubrication and health monitoring system

The OnTrak real-time bearing and lubrication monitoring system is designed to provide the earliest warning of bearing failure and prevent lubrication issues with simplicity and scale in mind.

The OnTrak solution is ready to guard against unplanned downtime and product loss the minute it is installed. Get real-time prescriptive alerts notifying you of when a bearing requires lubrication, is starting to degrade or is entering into catastrophic failure with simple, easy to understand visualizations and alert messaging.

ETHERNET
WI-FI
CELLULAR

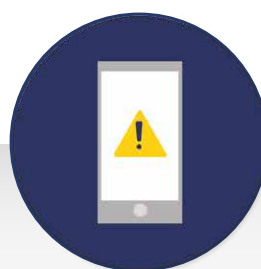**ULTRA-TRAK™ 750 & OTHER SENSORS**
CONNECT THE ULTRA-TRAK 750 & OTHER SENSORS

OnTrak™ IIoT SYSTEM
PRECONFIGURED WITH 16 CHANNELS. CONNECT TO THE OnTRAK CLOUD OR OTHER APPLICATIONS WITH WI-FI, CELL OR ETHERNET

REAL-TIME DASHBOARD
VIEW SENSOR DATA ON ANY LAPTOP, TABLET AND PHONE. USE REAL-TIME INSIGHTS TO MONITOR LUBRICATION & CONDITION INSIGHTS

REAL-TIME ALERTS
GET TEXT AND EMAIL ALERTS BASED ON ANY CRITERIA YOU CHOOSE

So advanced, it's simple

COMMUNICATION
(ETHERNET, WI-FI OR CELLULAR)

**INTEGRATE TO CLOUD &
ON-PREMISES APPLICATIONS**
(MODBUS, AWS, AZURE,
GOOGLE CLOUD)

MODULAR SYSTEM
EACH OnTrak IS
CAPABLE OF 16
SENSOR. EASILY SCALE
OnTrak SYSTEMS
TO THOUSANDS OF
SENSORS TO ONE
CENTRAL DASHBOARD

MOBILE VIEW
VIEWABLE ON ANY NETWORK CONNECTED
DEVICE; PC, LAPTOP, TABLET, PHONE USING
A STANDARD BROWSER

ALARM NOTIFICATION
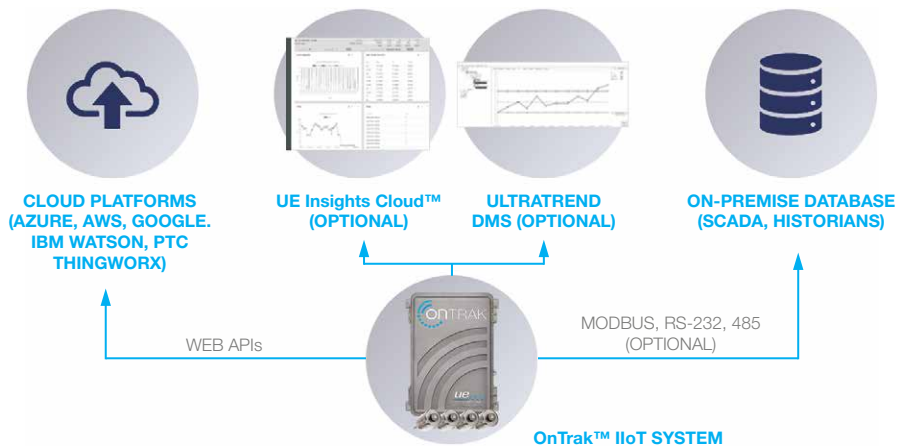BUILT-IN EVENTS SYSTEM WHICH IS CONFIGURABLE,
AND HAS THE ABILITY TO DISPLAY, EMAIL, TEXT ANY
ALERTS THE SYSTEM HAS

Ease of installation
Designed to mount near the assets being monitored, the OnTrak requires fewer cables and installation time than traditional condition monitoring systems.

Multiple Communications Options
With three options to connect the OnTrak system, ethernet, wi-fi, or cellular, gives you options on how to best integrate this system with your existing automation and IT infrastructure.

Built for IIoT
Designed to give you flexibility into how you store and visualize your data. With built-in functionality supporting REST API calls over an HTTP (or HTTPS), it makes moving data into IBM Watson, Microsoft Azure, AWS, PTC Thingworxs, and other platforms a breeze.

Condition Monitoring in Minutes
It accommodates up to 16 channels and built to scale from one system to hundreds, utilizing unique IDs and factory configuration, simply plug in, connect and data will be streaming in minutes.

Maintenance-Free Operation
Designed to limit or in most cases eliminate the need for any maintenance. With no battery to replace and maintenance-free operation of the sensor and system means any configuration changes can be done remotely from the comfort and safety of your desk.

**CLOUD PLATFORMS
(AZURE, AWS, GOOGLE.
IBM WATSON, PTC
THINGWORX)**

**UE Insights Cloud™
(OPTIONAL)**

**ULTRATREND
DMS (OPTIONAL)**

**ON-PREMISE DATABASE
(SCADA, HISTORIANS)**

WEB APIs

MODBUS, RS-232, 485
(OPTIONAL)

OnTrak™ IIoT SYSTEM

UE Insights Cloud™
The optional preconfigured and fully customizable dashboards from the UE Insights Cloud™ lets you view machine and sensor data on the customizable visualization dashboard via any web browser on any device – phone, tablet, or laptop. Get alerts via email and text messages based on the criteria you select.

ONTRAK

www.uesystems.com

UE Systems Inc. • 14 Hayes St. • Elmsford, New York • USA 10523
T: +1 914 592 1220 • E: info@uesystems.com • www.uesystems.com