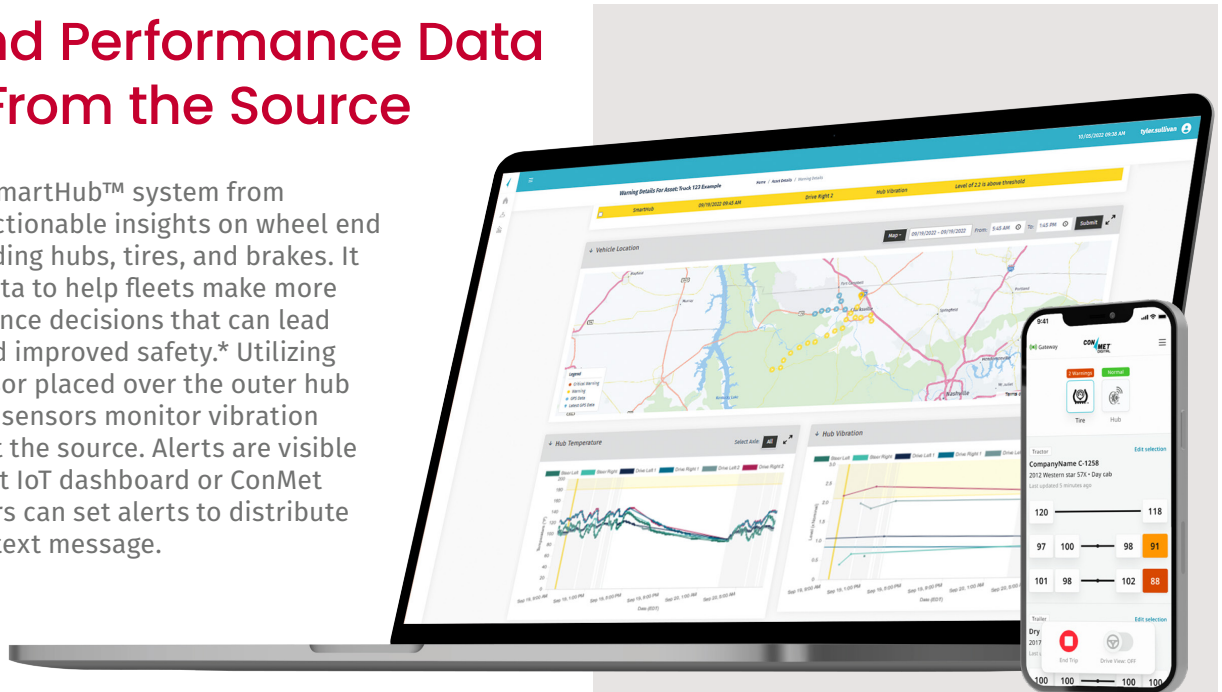




PreSet Plus® SmartHub™

Wheel End Performance Data Directly From the Source

The PreSet Plus® SmartHub™ system from ConMet provides actionable insights on wheel end components, including hubs, tires, and brakes. It provides critical data to help fleets make more informed maintenance decisions that can lead to more uptime and improved safety.* Utilizing a retrofittable sensor placed over the outer hub bearing, SmartHub sensors monitor vibration and temperature at the source. Alerts are visible through the ConMet IoT dashboard or ConMet Drive App, and users can set alerts to distribute via email and SMS text message.



TAKE ACTION WITH THE DATA TO*:

Modernize Maintenance



- ▶ Improve visibility of wheel end maintenance needs that can be missed during visual inspections
- ▶ Optimize maintenance scheduling to maximize asset utilization and minimize costs
- ▶ Take action based on data and recommend preventive maintenance

Increase Uptime



- ▶ Reduce roadside repairs due to abnormal tire wear or early-life bearing failure
- ▶ Maximize the life of all wheel end components

Improve Safety



- ▶ Advanced warning for conditions that could lead to wheel-off and thermal events if ignored
- ▶ Quickly identify wheel end irregularities such as tread imbalance, blown tires, or tire and hub imbalance

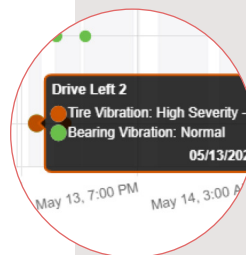


Easily view wheel end data on the ConMet Dashboard

Customizable charts to view data over a period of time

Zoom in and out for a more granular view of data

Review historical data to analyze asset trends



Converting complex data into actionable insights

Proprietary filters remove road noise and differentiate by vibration frequencies

Reliable data between hub, tire, and brake maintenance recommendations

*Preset Plus® SmartHub™ data should be used as a supplement to a comprehensive regular maintenance program that includes regular, manual, and visual inspections of assets.

TECHNICAL SPECIFICATIONS

	PreSet Plus® SmartHub™ Sensor	SmartTrack™ Communications Gateway
Dimensions (L x W x H)	2.9 x 1.8 x 0.6" (73 x 46.5 x 14.7 mm) plus shim, which will vary in thickness and shape according to hub barrel	3.7 x 2.0 x 0.8" (94 x 53 x 20 mm)
Data sampling rates	Sampling when vehicle is moving >30 mph (>48 km/h); temperature sampled every 5 minutes; vibration sampled once per hour with a maximum of 5 samples/day	GPS sampled every 2 minutes when gateway is powered; every 24 hours unpowered
Battery life	3 years	Connected to primary power, back-up lithium-ion battery lasts nine days
Battery Type	Lithium-ion	Connected to primary power
IP rating	IP 69	IP 67
Operating temperature	-40° to +257° F (-40° to +125° C)	-22° to +140° F (-30° to +60° C)



Powerful Bluetooth® Connectivity

- ▶ Robust, flexible system used in high-end connected products like smartphones and laptops
- ▶ Bluetooth development community continuously updates their software to enhance security
- ▶ Small antenna allows for a smaller sensor
- ▶ Low energy use extends battery life

ConMet Digital: Advancing Connected Technologies for Heavy-Duty Vehicles



Streamlining Connectivity

A flexible Vehicle Area Network (VAN) integrates sensors and data analytics to seamlessly connect fleets with real-time alerts and data insights.



Expanding IoT Solutions

The growing ConMet IoT portfolio, among others, includes SmartAir™ TPMS, SmartTrack™ asset management, SmartHub™ wheel end monitoring, SmartAir™ line pressure monitoring, and SmartAir™ axle load monitoring.



Transforming Raw Data into Real Insights

Decades of industry knowledge, engineering expertise, performance data, proprietary algorithms, and cutting-edge machine learning techniques make ConMet IoT products smarter with every mile.

Featured Product



- ▶ Included within the ConMet gateway
- ▶ Real-time GPS asset tracking
- ▶ Accurate distance tracking
- ▶ Customized geofencing that offers precise departure and arrival alerts
- ▶ Improved asset utilization, fuel economy, and safety