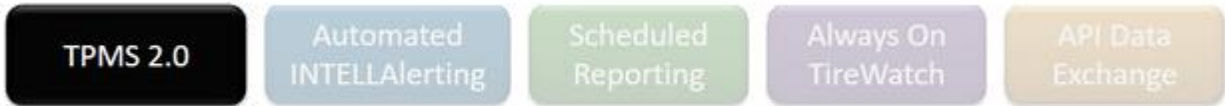


TireVigil™ Cloud's TPMS 2.0 Service



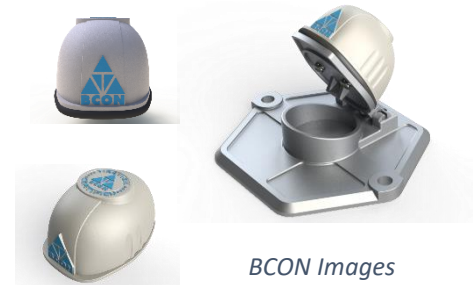
Our TireVigil™ Cloud's **TPMS 2.0 Service** connects your fleet's vehicles to the cloud and provides the visibility you need to prioritize and schedule service for tire problems as they develop, 24/7 to eliminate enroute tire-related breakdowns, optimize tread wear and casing life, maximize fuel economy, and improve safety.

TPMS POWER UNIT KITS: Our TireVigil™ Cloud includes **TPMS 2.0 Service** which is an advanced commercial TPMS that connects each fleet vehicle to the cloud via TireVigil™ TPMS onboard equipment available in kits for all types of truck, bus and tractor configurations. Kits are available through purchase or leasing plans.



TireVigil™ TPMS & TireVigil™ TPMS Trailer Kits

TPMS TRAILER KITS: Trailer kits operate with any TireVigil™ TPMS Kit equipped tractors and connect wirelessly, without human intervention so that trailer tires are recognized and monitored automatically using our patented wireless BCON technology. Detailed trailer hook and unhook reports are also generated.



BCON Images

VEHICLE TPMS 2.0 EQUIPMENT: Power Unit Kits include one (1) Tire Data Monitor (TDM) InCab Display and Omni Sensor Transceivers (OST) to support up to three (3) axles and are the antennae that read TPMS sensors in every tire. The TDM supports Bluetooth, has GPS satellite tracking of vehicle location and 3G GSM communications that connect each vehicle to the TireVigil™ Cloud. Each Trailer Kit includes OSTs to support up to three (3) axles and one (1) BCON.



TDM & OST Components

SENSORS: Fleets select sensors based on their vehicle operations. TireStamp tire experts can recommend sensors from several leading TPMS sensor manufacturers, since we do not make sensors but certify all sensors that are supported by our TireVigil™ Cloud's **TPMS 2.0 Service**. Sensor types include: Internal valve stem, External valve stem and Strap mounted sensors. Our OSTs decode multiple sensor types and brands. TireVigil™ vehicle data plans are bundled with unlimited alerts, reports and usage of the TireWatch servicing app for a fixed monthly subscription fee. There are no cellular charges.



Vehicle to TireVigil™ Cloud Communications

The Leader In TPMS Innovation

TireVigil™ Cloud's TPMS 2.0 Service

TPMS 2.0 Service Benefits

- Sensors available from leading TPMS manufacturers and TireVigil™ Certified for commercial vehicle operations.
- Future proofed technology to support new sensor technologies as they evolve. Technology upgrades are performed over-the-air protecting your TireVigil™ investment in **TPMS 2.0 Service** and equipment.
- Easy and fast 30 to 60-minute Do-It-Yourself vehicle TPMS 2.0 Kit installations by your technicians.
- Captures your tire data 24/7 in the TireVigil™ Cloud when your vehicles are moving or parked overnight.
- Unlimited monitoring, reports and usage of the TireWatch servicing app.

Tractor & Trailer Kit Hardware Specs*

TDM InCab Display

Operating Power Requirements:

Operating Voltage	9V to 24V DC
Avg. Power Consumption	0.5A at 12V DC
Peak Power Consumption	2.0A at 12V DC
Idle Power consumption	0.08A at 12V DC

Operating Temperature:	-40 °C to +85 °C	-40 °F to +185 °F
Dimensions	12.2 cm (W) x 2.5 cm (H) x 10.2 cm (D)	6" (W) x 1" (H) x 4" (D)
Weight	241 g	(8.5 oz.)
RF Operating Frequency	433.92 MHz	
GSM/GPRS Frequency	Quad Band EGSM 850 / 900 / 1800 / 1900 MHz	
No. of Monitored Tires	Unlimited	
NHTSA TPMS Compatible	YES	
Compliance/Certifications	FCC/IC/CE/RCN and TPMS 2.0	



OST Tire Sensor Transceiver

Operating Power Requirements:

Operating Voltage	9V to 24V DC
Avg. Power Consumption	0.04 A at 12V DC
Peak Power Consumption	0.10 A at 12V DC

Operating Temperature:	-40 °C to +85 °C	-40 °F to +185 °F
Dimensions	3.8 cm (W) x 6.3 cm (H) x 3.8 cm (D)	1.5" (W) x 2.5" (H) x 1.5" (D)
Weight	70 g	2.4 oz.
RF Operating Frequency	433.92 MHz	
Compliance/Certifications	FCC/IC/CE/RCN and TPMS 2.0	



BCON Specs

Operating Power Requirements:	3.0 Volt Lithium Battery, non-replaceable Coin type CR2477
Operating Temperature:	-40 °C to +85 °C -40 °F to +185 °F
RF Operating Frequency	433.92 MHz
Dimensions	Fits J560 Trailer Connector Lid



C17TPM/S001

* All features, specification and benefits described in this Spec Sheet are subject to change anytime.

US Operations

TireStamp Inc.
3508 Wedgewood Dr, Suite 101
Rochester Hills, Michigan 48306
USA

TireStamp

The Leader in TPMS Innovation

1-877-TS-VIGIL
(1-877-878-4445)
www.tirestamp.com

Canadian Headquarters

TireStamp Inc.
11 Hines Road, Suite 201
Kanata, Ontario K2K 2X1
Canada