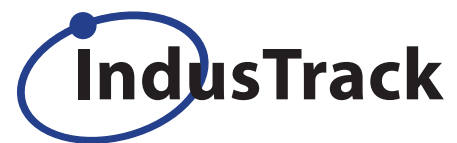# SECURE MONITORING WITH CUSTOM SENSORS

Industrack provides highly-secured, custom sensor-based solutions for vehicle monitoring and management. Our patent pending, innovative tracking solutions allow our customers to collect, manage, and evaluate information, maximizing their business efficiency and increasing quality customer service.

IndusTrack

Advanced Security | Superior Sensors | Integrated Solutions

877-412-8697   Allan.Hansen@IndusTrack.com   3545 Offshore Drive, Lake Havasu City, AZ 86406

REDUCE FUEL AND MAINTENANCE COSTS:

The average operating cost per vehicle is about $2.50 per mile. A company can reduce at least 25 miles per week for each vehicle with a GPS tracking system. This is accomplished by reducing excessive speeding, hard braking, quick acceleration and reducing idle times.

INCREASE EFFICIENCY:

A digital log of routes and stops are key for determining whether your fleet is running efficiently. Idle time and stops at unauthorized locations can become costly for your business; with a GPS system, you can ensure that this does not become a problem.

VALIDATE SERVICE CALLS:

By simply looking at the history of a vehicle, you can quickly tell when it arrived and how long it was at a particular service call. There is a clear record which eliminates assumptions and guesswork.

MORE ACCURATE BILLING:

Using GPS tracking creates a digital log of time speed and route used by your fleet. Time and fuel costs used specifically on the job can be accurately calculated with this digital log.

REDUCE DELAY AND TIME SPENT AT UNAUTHORIZED LOCATIONS:

With our software you can not only track but easily establish an alert system for events like a driver going outside of a designated area, staying idle for too long, and/or speeding.

RECEIVE LOWER INSURANCE RATES BY UP TO 35%:

Many insurance companies offer discounted premiums for vehicles that have a real time GPS system.

IMPROVE RESPONSE TIME & CUSTOMER SERVICE:

By knowing where your vehicles is at all times on a real time map, dispatchers can easily send the nearest vehicle when a new job arises. This saves both money and time.
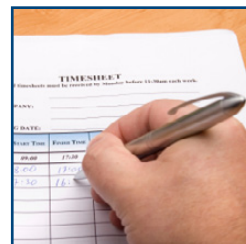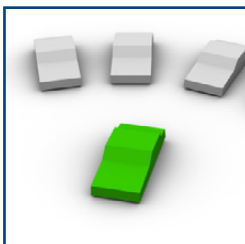
Additionally, digital record is not subject to human error and makes the process of record keeping more in-depth without any additional hassle. This will reduce paperwork by keeping a log of distance, route, speed, stops, and arrival times.

IMPROVE SAFETY & DRIVER RESPONSIBILITY:

Drivers who know they are being monitored are more careful. This can reduce accidents.

PREVENT FRAUDULENT CLAIMS:

With a good digital log, you can prove that your fleet was where it needed to be when it needed to be there.

Industrack's ITracker software provides a single interface to perform tracking, dispatching, and fleet management operations. ITracker communicates with all Industrack hardware modules used for monitoring vehicles and remote sensors. ITracker is easy to navigate, highly scalable, and can be customized to meet your needs.

PRODUCT FEATURES

Tracks vehicle location, heading, and speed in real time 24/7

Easily scalable

Easy integration with leading industry software

Proactive device and network monitoring for improved efficiency

Available in hosted and non-hosted models
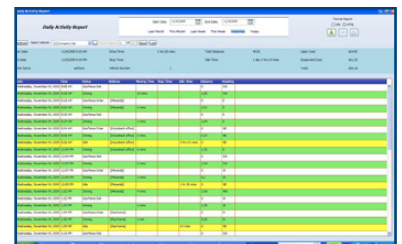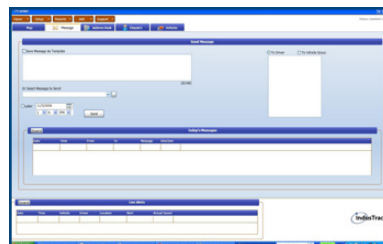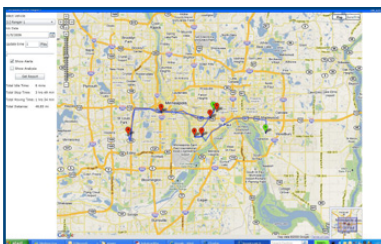
SOFTWARE FEATURES

Live maps

Traffic information

Route analysis

Address book

Unlimited geo fences

Employee time cards

Create and assign jobs/deliveries

SMS to drivers

Two-way communication using Garmin

Integrate easily with other software

Receive live alerts or via E-mail

Speeding

Stop

Idling

Out of geo fence

Reports

Daily activity

After hour report

Route reply or breadcrumb report

Message log

Job report

Mileage/speed/direction

Stop

Idle

Ignition on/off

The MT 100 is a certified quad-band integrated platform that provides complete GPS/GSM functionality for mobile tracking applications. This compact product provides a low cost solution for small to mid-size fleets.
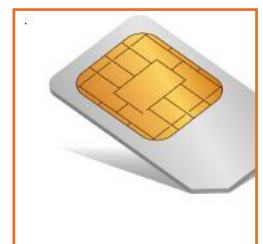
KEY FEATURES

Ideal for powered vehicles (trucks, vans, cars…)

Integrated GPS and GSM chips

Small ruggedized plastic enclosure

Tracks vehicles virtually anywhere

Easy to mount

APPLICATIONS

Vehicle tracking

Trucks

Ready mix trucks

Oil tankers

Cargo vans

Lawn care equipment

Water tankers

Snow removal equipment

Dump trucks

Construction machinery

Cleaning trucks

Many others

HARDWARE SPECIFICATIONS

Dimensions	64.8x61x25.6 mm
Housing	Rugged Plastic Enclosure
GSM Functionality	Quad Band
Frequency	850/900/1800/1900
Transmit Power	Class 4 (2W@850/1900Mhz)
	Class 1 (1W @1800/1900Mhz)
GPS Functionality	
Channel	14
Sensitivity	
Environment	
Operating	-30C to 85C
Storage	-40C to 85C
Humidity	Up to 95% non condensing
Vibration	In accordance with SAE J1211
Power	
DC Voltage	7-40V
	GSM 850/900 1TX/1RX 230 mA, Idle< 45 mA
	GSM1800/1900 1TX/1RX 175 mA, Idle< 45 mA
	Sleep Mode <30 mA
Certification	
FCC	Parts 15, 22 & 24
GCF	Version 3.27.0
PTCRB	Version 3.12.0
CE Mark	Yes
RoHS compliant	Yes
Emark	Yes
Industry Canada	Yes

MT 101 (MOBILE DATA TERMINAL)

The MT101 Garmin LCD display enables two way communication between the dispatcher and the driver. This product is an add-on to the MT 100 and MT 200 devices.

KEY FEATURES

Two-way text communication between dispatcher and driver

Voice prompts (e.g. "Turn right in 500 ft.")

Auto re-route (fast off-route and detour recalculation)

FM traffic compatible

Speed limit indicator (displays speed limit for most major roads)

ecoRoute™ (calculates a more fuel-efficient route)

Garmin Garage™ vehicles compatible (download car-shaped icons to your device)

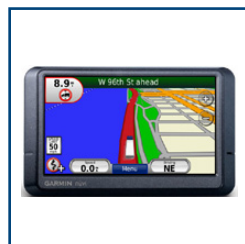Garmin Lock™ (anti-theft feature)

Touchscreen

HARDWARE SPECIFICATIONS

Unit dimensions, WxHxD:	3.9"W x 2.9"H x .8"D (9.8 x 7.4 x 2.0 cm)
Display size, WxH:	2.8"W x 2.1"H (7.2 x 5.4 cm); 3.5" diag (8.9 cm)
Display resolution, WxH:	320 x 240 pixels
Display type:	QVGA color antiglare TFT with white backlight
Weight:	5.2 ounces (147.42 g)
Battery:	Rechargeable lithium-ion
Battery life:	up to 4 hours
Waterproof:	No
High-sensitivity receiver:	Yes
RoHS version available:	Yes

MAPS & MEMORY

Basemap:	Yes
Preloaded maps:	Yes (regional)
Ability to add maps:	Yes
Built-in memory:	Internal solid state
Waypoints/favorites/locations:	1000

MT 200 (Sensor-Based Tracking)

The MT 200 is our integrated, patent pending tracking and monitoring solution with customizable sensors. This innovative solution is designed to address cargo security, product conditions, and driver safety. By utilizing a combination of diagnostic and location data tracking, our state-of-the-art internal and external sensor can prevent thefts, improve performance, and minimize maintenance costs.
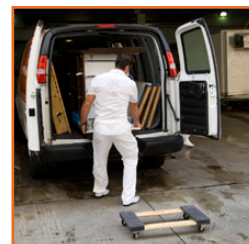
KEY FEATURES

OBD II port for engine diagnostic

2 RS232 ports to connect external devices such as printers and scanners

Two RS485 ports for external sensors

8 Digital and 2 analog inputs

Patent pending security features

Internal memory

Temperature

Vibration sensor

Motion detector

External sensors *(rotation sensor , fluid level sensor, on/off sensor, weight sensor, direction detection sensor)*

APPLICATIONS

Firetrucks: Monitor foam and water level. Run remote diagnostics on equipment.

School Buses: Using RFID and GPS, learn the exact location of your child and the bus.

Trailers: Monitor trailer temperature, radiation, cargo door, and contents.

Readymix: Learn speed and direction of the drum rotation sensor, actual water added, and wash out cycle.

Custom Applications: We specialized in sensor based custom applications for any trucking environment.

HARDWARE SPECIFICATIONS

Housing	Rugged Plastic Enclosure
GSM Functionality Frequency Transmit Power	Quad Band 850/900/1800/1900 Class 4 (2W@850/1900Mhz) Class 1 (1W @1800/1900Mhz)
GPS Functionality Channel	20
Environment Operating Storage Humidity Vibration	-30C to 85C -40C to 85C Up to 95% non condensing In accordance with SAE J1211
Integrated Sensors On Board Sensors Vibration Accelerometer Gyro Temperature	Yes Yes Yes Yes
Certification FCC GCF PTCRB CE Mark RoHS compliant Emark Industry Canada	Parts 15, 22 & 24 Version 3.27.0 Version 3.12.0 Yes Yes Yes Yes

TESTIMONIALS

"After installing the Industrack GPS tracking solution, we are saving $2000 a month on fuel."

—Mark Miles, President
Green Guardian

"Safety is very important at Loram and with GPS tracking devices we can monitor the speed and location of our vehicles. This can potentially save us $100,000 a year."

—Nadja Baer, Service Manager
Loram Maintenance of Way

"We run seven days a week and since the installation of the GPS tracking solution, we have significantly reduced customer and driver complaints. This alone will amount to a savings of $30,000 a year. Having the Industrack GPS devices in our trucks gave us peace of mind."

—Blaine Krugard, Operational Manager
Bioclean

INDUSTRACK PARTNERS