المحترفـــون لخدمـــات تكنولوجيا المعلومـات

Professionals for Information Technology Services

PITSTRACK

GPS TRACKING & SECURITY SYSTEM

Professionals for Information Technology Services Co.

نابلس | هاتف : 09-2339003 | فاكس: 09-2399595

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PITSTRACK

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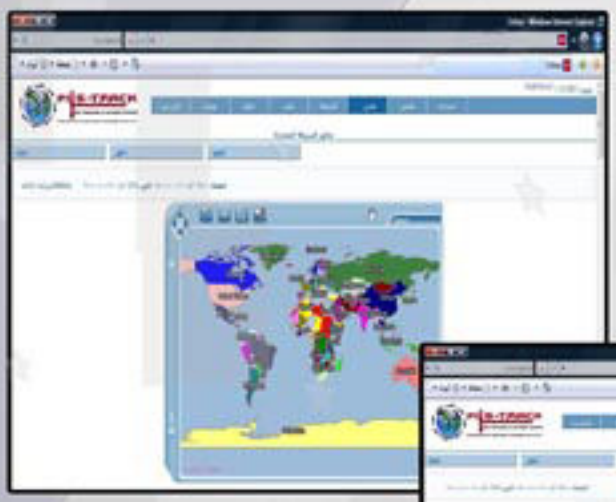
PITSTRACK Online User Interface

Your Eyes In The Sky!!

World Map



Works Hours Summary

Work Hours

Stop Hours

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PITSTRACK Makes Car Talk

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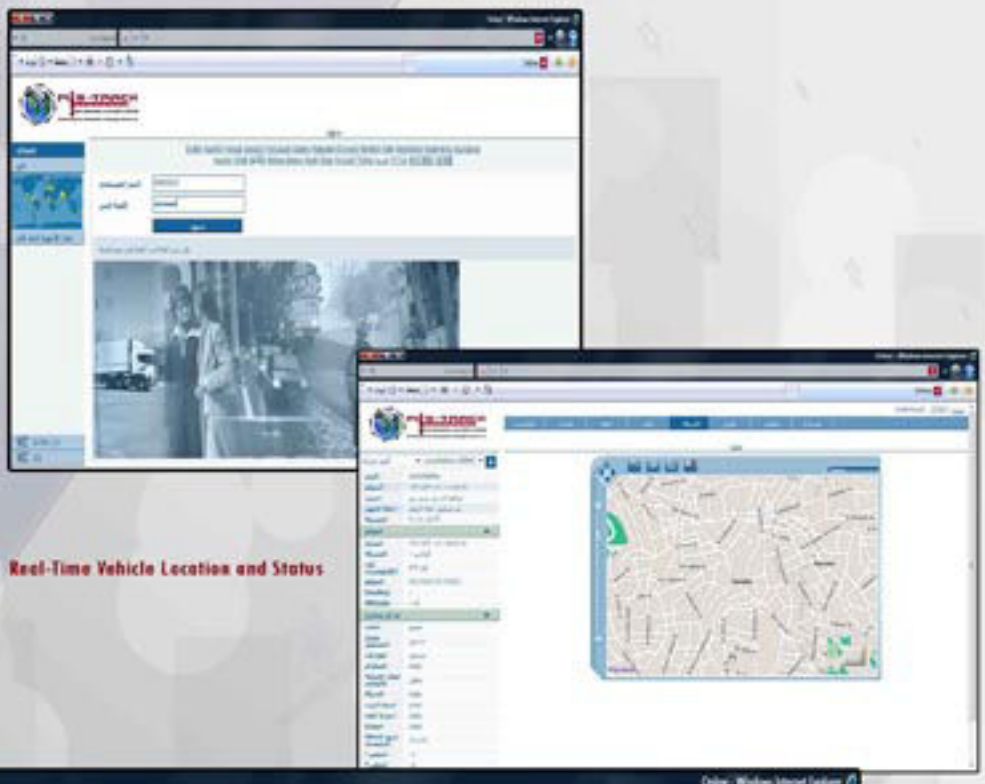
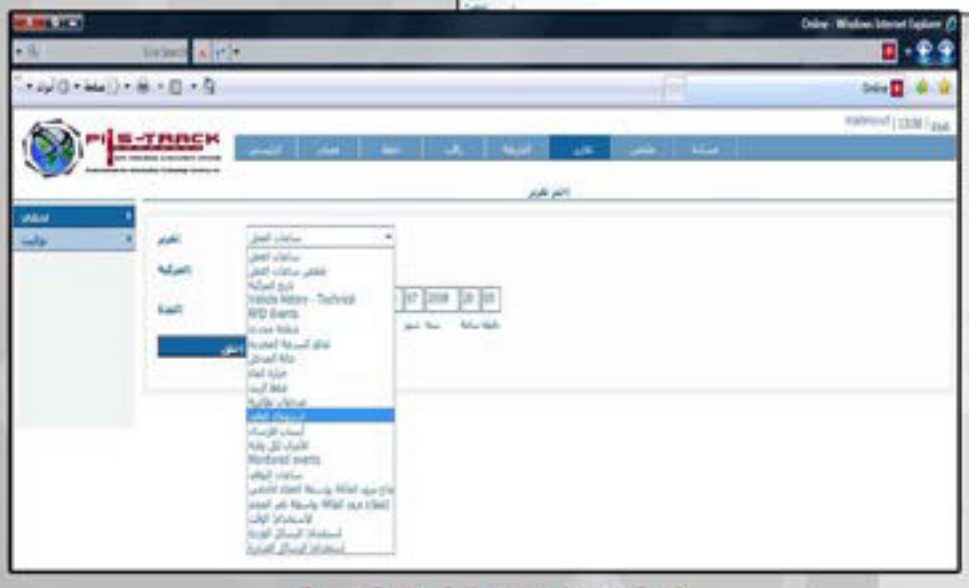


Real-Time Vehicle Location and Status



Generate Reports Online or get them via Email

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Pits:FLEET

Pits:FLEETis an ultimate tool for Tracking, Real Time Monitoring and MIS Reporting for an efficient Fleet Management. The combination of GPS & GPRS/GSM Technology in the VTU (Vehicle Tracking Unit) and Online Fleet Application provides

"Fuel Sensor,to check Fuel Theft,Usage and Contamination"

- User-friendly Web Interface that includes many built-in fleet applications.
- Real time alerts on deviation of vehicle from the predefined Route Schedule, Over Speeding, Fuel Thefts, Temperature Monitoring, Accident Alerts.
- Immediate alerts can be sent directly to predefined numbers.
- Automatic generation and delivery of MIS Reports through email.

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Pits:FLEET Key Features

- **View your vehicles, locations** on a GIS map nationwide.
- **Recording and storing of up to 2000 positioning locations,** Route traveled, speed & other parameters. No data is lost due to poor or no GSM coverage.
- **Set virtual geo fences,** to alert when a vehicle goes out of pre-defined boundaries.
- **The ability set way point rules to alert when a vehicle:**

- *Has not enter/left a pre-defined area by a pre-specified time;*
- *Remains in a defined area for an excessive amount of time; or*
- *Takes an excessive / unusual amount of time to travel between planned stops*

- **Fuel Sensor,To check fuel theft,** contamination and usage.
- **Thermal Sensor,** to provide instant alerts for high and low temprature in thermal sensetive cargo.
- **Accident Detector,** Detects Vehicle in case of an impact when an accident happens.
- **Set a series of speed limit rules,** This will allow reporting on the number of times a driver has exceeded a certain speed, and / instant alerts when a certain speed limit is breached.
- **Establish routes and rules to alerts,** and / or report on route deviation.
- **Track mileage,** Track actual mileage through GPS @ +- 3%
- **Measure distance from key on to key off,** and report generation by driver and / or vehicle.
- **Generate a range of MIS reports,** These can be made available on demand to pre- scheduled and pre-defined address within the organization. **MIS Reports Includes,** Vehicle History, Work-Time, Fuel Usage, Work Hours,Stoppage Time , Fuel Usage, GEO Fencing, Water Temperature,oil Pressure,etc...
- **Alerts for various mechanical warnings,** Including low oil pressure, high water temperature, brake light failure, low battery and other warnings.
- **Instant Alerts when a certain compartment (or series of compartments) is opened.** vital for critical high value transportation
- **View the vehicles from any Internet connected device (PC, PDA etc)** via a password protected web site.
- **Vehicle operating status,** provided at each transmission, including Ignition on / off, current speed, accurate odometer reading etc.

Security Related Features

- **Jamming Protection,** Put to usage in case of Anti-Jammers placed for communication disruption.
- **Emergency Button,** Support for emergency button to invoke an immediate high-priority transmission to the center.
- **Gradual-Stop function,** Ensures safe & secure recovery of your vehicle
- **Fuel cut,** Take control of any fuel thefts or other tampering.
- **Ignition imoblize,** Turn off ignition from a remote location, if the vehicle is stolen.

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Pits:PROTECT

Pits :PROTECT

The Pits:PROTECT System comprises a small, rugged virtually Undetectable Vehicle Command Unit (VCU) which gathers key security information from the vehicle and transmits that information back to control centre, resulting Instant alerts-on your Mobile, PDA or Internet.

For things and people that matter to you, security becomes a priority. I will enable you to

- Track & Recover stolen vehicle.
- Get instant alerts on thefts and accidents.
- Take control of any fuel thefts or other tampering.
- Turn off ignition from a remote location, if the vehicle is stolen.
- Gradual-Stop function that ensures safe & secure recovery of your vehicle.
- Set Waypoint Alerts.
- Create Virtual boundary in which your vehicle operates and sound alerts when it is breached.
- Track actual mileage through GPS @ +- 3%
- View the vehicles from any Internet connected device (PC, PDA etc) via a password protected website

Insurance Advantage

Risk of vehicle theft is reflected in insurance underwriting costs and theft excess. Some high risk vehicles are attributed theft excess as high as 30% of the purchase price. Some common problem in event of vehicle being stolen :

- Inconvenience of filing Police FIR & processes.
- Insurance Companies does not pay the claim before 6 months.
- Possibility of misuse of vehicle during theft period.
- Legal troubles in case the vehicle is involved in some illegal activity during the theft period.

The reduced risk enables insurance companies to offer customers a range of benefits including reduced theft excess and reduced premiums.

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Pits:Assets

Pits:Assets

LENDING INSTITUTIONS

- Reduce bad debts and increase profitability. Instant knowledge of location of assets/ability to control the assets through internet/ mobile through immobilization
- Add more flexibility to your business with the knowledge of location and ability to recover assets with ease . Flexibility means more business.

"FLEXIBLILITY IN APPROVAL FOR LOANS"

INSURANCE COMPANIES

- Reduced accident fraudulent claims with the ability to investigate real time record on speed/ time/ location and driver
- Prevent loss of asset through theft with the ability to locate/ immobilize and recover the asset. Reduced theft means increased profit.
- Reduce re insurance cost with a reduction in theft and fraudulent claims.

HI END MACHINERY AND PARTS MAINTENANCE

- Constant online data essential parameters like Temperature/Oil?Voltage etc of machinery and parts to the service center allows pro-active action insted of reactive Maintenance & Repairs.
- Reduces down time,service and maintenance cost..
- Increase customer satisfaction with Online maintenance instead of person dependent maintenance.
- Pro active maintenance of machinery at remote and rural location.

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FAQs

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PITS :TRACK HAVE THE ANSWERS !

- **Who is Pits:TRACK ?**
  Pits:TRACK is a leading technology player in the GPS & DSM field with operation in 39 countries and installation base of 1 million units worldwide .
- **What is the tracking unit called ?**
  The tracking unit is called PCU500 .
- **What is the hardware technology ?**
  PITS:TRACK system is a unit fitted with a SIM card which uses GLOBALPOSITIONING SYSTEM via satellites and transmits the position on a map at a continuous basis .
- **Who will install the hardware unit ?**
  Trained PITS:TRACK personal will install the hardware unit in your vehicle in 2-3 hours .
- **What is the warranty on the hardware ?**
  PITS:TRACK will replace the system free of cost of any manufacturing defect within 1 year , However , in case PCU500 unit is tampered with or reinstalled without the services of a trained PITS:TRACK personal , the warranty will cease to be valid .
- **How does the failure of the hardware unit affect the user ?**
  The failure of the hardware unit security purposes is like landing up with a major medical problem with an expired insurance . Foe vehicle location and productivity it means loss of critical information and productivity .
- **What is the failure rate of PCU500 ?**
  The failure rate is less than 0.001% . The PITS:TRACK is the only GPS unit in the world that has been certified by major testing companies around the world like TUV-GS , FCC Part 15 , CB Certification , CE Certification , eMark , PITS:TRACK have also been tested and approved by military testing foe shock and vibration .
- **Will my hardware run down the batteries on my vehicles ?**
  The battery life is not affected by the hardware , the unit goes into sleep-mode when the ignition is switched off .
- **How do I know if someone tampers with my vehicles ?**
  The hardware unit is small and installed out of sight and reach . There are flags written into the software to show if either antenna is not working correctly or if the hardware has been disconnected from the mains . The hardware has an internal rechargeable battery which operates for 3 days without main power from the vehicle battery .
- **Can I reinstall my hardware in another vehicle ?**
  Absolutely Yes ! PITS:TRACK will reinstall the unit in another vehicle at a nominal cost .
- **What software do I require ?**
  PITS:TRACK is a web based password controlled software . The password will be supplied by PITS:TRACK . There is no additional investment .

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FAQs

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- Can I integrate external software with PITS:TRACK ?
  Any external software like ERP, Fleet management software , GPS navigation systems can be easily integrated with PITS:TRACK at a minimal cost .

- Can I establish my own control and monitoring centre ?
  PITS:TRACK will provide the software to implement your own control and monitoring centre , thereby the data can only be accessed by your organization .

- Is the data from the hardware encrypted ?
  Yes data from the hardware is encrypted and the firmware is periodically updated to prevent any security or risk to your asset and data .

- Can I make changes to my Standard Operating Procedures?
  The software allows any changes to be made with a click of a button . Your productivity and security parameters are in your control .

PITS :TRACK HAVE THE ANSWERS !

- Will I get after sales service ?
  PITS:TRACK will train and implement the entire solution which involves basic understanding of the hardware and proper usage of the software . Any problems in the hardware or in the software will be attended to immediately .

- Do I have 24×7 services ?
  Yes you will have 24×7 service round the year for all emergencies through PITS:TRACK control center .

- How does the software enhance the benefit of my investment in GPS technology ?

1) **Provides real time data** – On a continuous basis on location of vehicle . This helps in planning , quicker turn around for cargo/customer queries as to where the goods are . Better utilization of your asset means more revenues and more profit .
2) **Route deviation** – If the Fleet is to deliver from Jenin to Nablus the rout is set , then any deviation would cause an alert to the management .
3) **Communications with the Fleet** : The management can talk to the driver or have two way communication where he call the management .
4) **Speeding** : You have no control on this . Your asset's life is being reduced / Accidents are possible , causing loss of revenue . Speed Alerts can be set and if the vehicle crosses a certain speed , an alert will be generated .
5) **Your vehicle is stolen** : The vehicle can be gradually stopped and then immobilized through your mobile phone or from the internet or from the PITS:TRACK control center .
6) **Mileage** : You are not dependent on the odometer for mileage . GPS gives the mileage with 97% accuracy .
7) **Work Timing** : what time the vehicle started ? What was the route ? How much distance traveled ? What time he reached the destination ? All data is available in a report . You have the power of instant information .
8) **Sensors** : Hi-end technology with Accident detector/ Fuel Sensor ? Thermal Sensor allows enhanced Monitoring and greater Productivity .
9) **Standard Operating Procedures (SOP)** : An organization can create SOP's to get instant alerts on deviation of any planned activity .

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