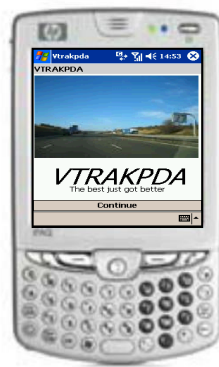


VTRAKPDA

The End-to-End Solution for the Recovery and Vehicle Servicing Industries



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VTRAKPDA Overview

VTRAKPDA is our mobile data solution for recovery / service engineers that are out on the road.

After several years of assessing various mobile data terminal (MDT's) technologies; we have developed our own in house end to end solution that works on PDAs that run Microsoft's Windows Mobile operating system.



Our approach breaks from the traditional belief in the recovery industry that both vehicle tracking and job data must be handled in one unit. The problem with this approach is that as technology rapidly evolves customers are left with either out of date technology (often with high communication costs) or having to refitting an entire fleet at once making costs prohibitive.



VTRAKPDA is a software application that sits on a PDA device that has GPRS connectivity. These devices, as well as giving data communications allow for drivers to make telephone calls and take photos of the vehicles they attend, as these devices are "Of the shelf" they can be bought from your mobile communications provider where they can be bulk purchased for very little money.

As the data is in a hand held unit, this leaves the customer to track their vehicles with whatever tracking system either they or their insurance companies require lowering insurance premiums in the longer term.

Another advantage because the PDA unit is carried by the driver, is that if he is at home (on call) or out of his vehicle he can still receive jobs and messages. This saves the controllers time ringing him to tell him that he has been sent a job when in fact controller should be spending this time communicating with the customer.

PDA units can run navigation software such a Tom Tom Navigator allowing the driver to be directed to the job via GPS satellite navigation.



As PDA's use a stylus, customers are able to sign the screen to authorise that their vehicle has not been damaged. Damage diagrams (Flat packs) of cars, motorcycles and caravans can be marked to show where damage exists, this pictorial information, along with the customers signatures and photos of the vehicle are transmitted automatically back into the main VTRAK system.

VTRAKPDA Features

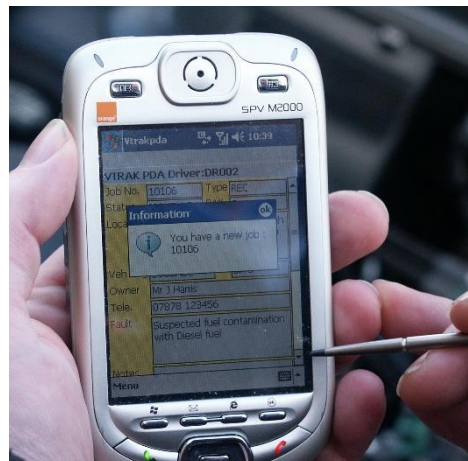


Our VTRAKPDA application not only transfers data to / from VTRAK, it also allows messages to be sent to / from the driver. This utility works independently of the job allocated to the PDA. As the message is sent via GPRS the cost per message is a fraction of what a traditional SMS text message costs.

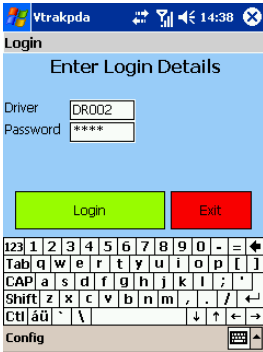
PDA's also work as a normal mobile telephone. With VTRAKPDA a button appears if you have the customer telephone number allowing the driver to direct dial the customer to talk to them – no writing the telephone number down first!

Behind the scenes the web server and SQL data engine that controls the data streams to / from the PDA log all times of when jobs are received by the unit and the times the drivers acknowledge receiving the jobs. This way there is a full audit trail of times of when the driver "actually" received the job / message.

VTRAKPDA has full text messaging using GPRS. Pre written messages can be selected to be sent from / to the driver, along with free form text.



VTRAKPDA Job Sequence



The driver logs into the PDA with their own unique username and password. This logs them into the VTRAK system back in the control room and shows them as an "Active" driver within VTRAK.

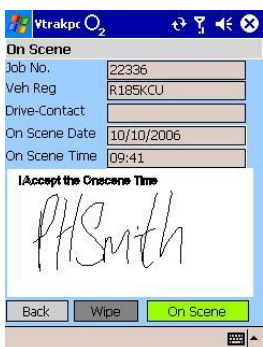


When a job is sent to the driver the PDA sounds an alarm and displays that a new job has arrived.

After viewing the job details sent to the PDA, the driver chooses "Accept" from the menu options.



The driver can alter the ETA time to scene and then presses the "Accept" button to notify the control room that he is on route to the job.



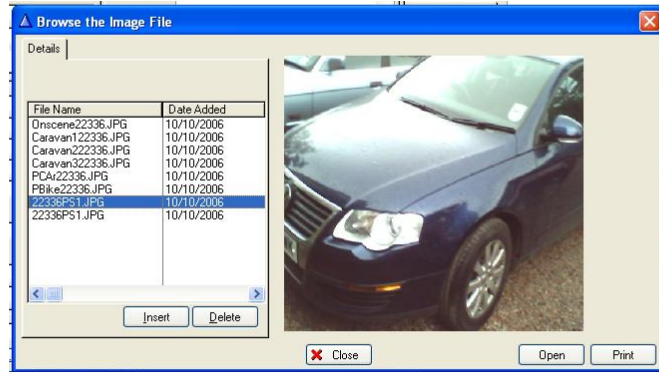
When the driver arrives with the customer. The customer is asked to sign the screen to acknowledge that the driver arrived on scene at the time shown. The driver then presses the "Onscene" button to notify the control room of his status.

Once arrived on scene the driver is able (if required) to take multiple pictures of the vehicle, or for example overall pictures of the scene of an RTA.

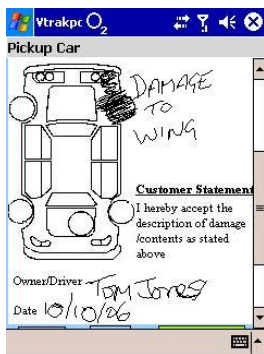
These pictures can be immediately sent back to VTRAK so the controllers / managers can see the scene and perhaps issue extra resources to the incident scene



Example of taking photo on PDA



Example of displaying photo in VTRAK



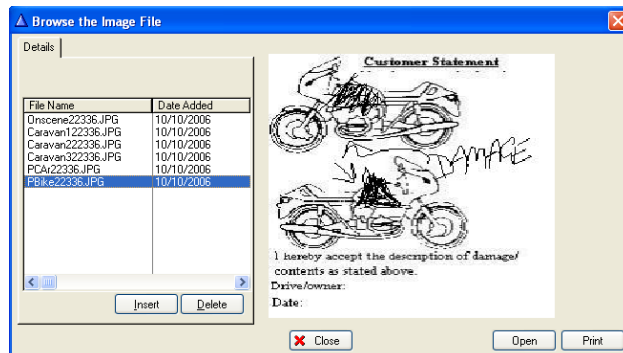
If the job is a relay, damage diagrams (flat packs) can be shown and any damage recorded by marking on the screen.

Flat packs are available for cars, motorcycles and caravans.

Once the damage has been marked the damage can be viewed in VTRAK by the control room team.



Example of flat pack on PDA



Example of displaying flat pack in VTRAK

When the driver arrives at the drop off point a similar set of flat packs appear so the driver can inspect the vehicle with the receiver of the vehicle.

Case Study :

CF Motoring Services Ltd



CF Motoring Services Ltd a leading recovery company in Newcastle and Sunderland, decided to use Laser Byte's VTRAK solutions to run their Recovery, Parking and Workshop operations.

VTRAK was installed in mid December 2005, followed by CF Motoring Services implementing VTRAKPDA in mid January 2006.

Below is an illustration of costs that CF Motoring Services encountered when implementing PDA units running VTRAKPDA.

Purchase and Running Cost

PDA units can be purchased from mobile phone providers in a similar way to normal mobile phones. The initial cost for the PDA's varies with the phone tariff that you sign up to and the number of units you purchase. Generally the higher number the cheaper the initial cost for the PDA.

CF Motoring Services Ltd use a group talk tariff that covers all calls from their mobile phones and PDA's. Based upon a monthly company tariff of 5000 minutes the monthly cost per phone was approximately £12.

Based on their tariff structure the initial purchase price for each PDA units dropped to zero.

Using VTRAKPDA showed an additional cost for data to be between £5 - £7 per month per unit.

Conclusion

Companies enquiring about implementing VTRAKPDA have concerns that the hardware and phone tariff cost are higher than their current communication outlay using a combination of mobile phones and other brands of mobile data terminals.

The above shows that the initial hardware set up costs are virtually zero and that using VTRAKPDA costs only £7 month more than a mobile phone by itself.

VTRAKPDA Summary

- ✓ VTRAKPDA is groundbreaking in its use of off the shelf hardware technology.
- ✓ Its easy of use and portability ensures that drivers can respond quickly to messages and jobs sent to them
- ✓ The ability for VTRAKPDA to take pictures of vehicles, capture customer signatures and mark damage on vehicle flat packs, ensures your company has accurate and up to date job information.
- ✓ Without having to “Dock” the PDA into a cradle gives drivers the maximum flexibility whilst on the road.

We recommend if you have not yet seen VTRAK that you visit one of our existing customers to see it in use.

Please contact us to arrange an appointment with one of our existing customers near to you.



Price List

VTRAKPDA

□ Webservice and SQL Database including configuration	£4000.00
□ Modifications / link to VTRAK	£2400.00
□ Licence cost per PDA / month {up to 50 units}	£ 14.00
□ Licence cost per PDA / month {over 50 units}	£ 10.00

Data Tariffs and PDA procurement is excluded from the above, however we are happy to advise.

All Prices exclude VAT

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