

**Protrac Africa Ltd**

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PROTRAC AFRICA LTD GPS & FLEET MANAGEMENT PROPOSAL

OVERVIEW

Protrac Africa Ltd are pleased to submit this proposal for services to support your company in achieving its goals for improving your scope by providing a GPS/Fleet Management System.

GPS tracking software as a fleet management tool involves much more than just location tracking. While location monitoring is of central importance, there are other equally valuable pieces of data that GPS tracking software can collect, interpret, and use to help your potential fleet management clients improve their own businesses. By offering GPS tracking, you can help fleet managers:

Increase productivity and sales - Know the vehicles' locations and thus utilize the most efficient routes and quicker response time to client.

Reduce fuel costs - Understand how inefficient routes or excessive speeding are affecting their fuel costs.

Improve driver safety - Keep drivers secure with panic buttons and improve safety by knowing when a vehicle is stranded on the side of the road without cell phone service.

Provide better customer service - Create happier customers with faster service.

“WITH PROTRAC FLEET MANAGEMENT SOLUTIONS, YOUR FLEET AND YOUR PEOPLE STAY AT THEIR BEST!”

MONITORING PLATFORM

Fleet Monitoring

- The Monitoring platform is an innovative web-based fleet management tool, The system gives you accessibility and personalisation of multiple **KPIs, Data Sensors** to gain real day to day data for any fleet size without making you leave the office.

Through **increased productivity** and **profit stabilization**, our system will Monitor aspects of fuel, optimize fleet's routing, maintain driver accountability and hours of service, and analyze their driving behaviors.

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With industry leading developers and global hardware and software partners, the monitoring platform has add-on modules targeted specifically to Fleet management and retranslating telematic data direct from the vehicles/trucks and machines.

Fuel Monitoring

-Fuel tracking is one of the key parameters for any economy, be it consumption based on safe driving or detection of fuel theft by siphoning.

Our fuel monitoring system is constructed effectively to measure and manage the use of fuel within the fleet by implementing various methods and technologies to track its consumption. The accurate evaluation of this parameter has helped optimize business expenses, keep track of Fuel theft and balance filling reports, which has also made a sound input into effective driving and lowered emissions.

Based on the data from a variety of fuel level sensors, CAN-bus connectors in our telematics devices, the metrics are transmitted in real time to generate comprehensive and rather intuitive reports. A vast range of modules will satisfy your fuel-related tasks and enable consumption control, bringing down business expenses and preventing fuel theft.

Asset Monitoring

Keeping track of fixed assets provides logistical and security issues to any company. By trusting the hard work of **metrics collection**, **data processing** and **accident reporting** to our asset monitoring solution, you get more time to worry about the things that demand your attention and let the system help manage your assets.

By collating all the information from our devices, and displaying it in one simple and accessible interface you get the complete **history of dates, times, locations** and other important metrics to be aware of.

Combined with sensors available in some of our devices and telematic accessories available, our asset monitoring solution allows **remote diagnostics** of construction equipment, **cold rooms, diesel generators, containers** and other portable machinery in an easy and manageable manner.

DRIVING BEHAVIOR

Together with input from fleet managers, business owners and technology partners we have integrated specific hardware for monitoring Driver behavior. Our continuous development of Driver Behavior modules, enables us to produce either a simple alerting with basic reports for simple driver monitoring or a in-depth scenario, which is tailored to specific vehicle/truck types, and with predefined rules to assess each driver. Great responsibility is required over the **driving habits** and **safety** of the vehicles. The expenses borne over the maintenance and fixations of corporate fleets are immense, and naturally — the driving behavior of company vehicles/trucks or machines needs to be supervised for the sake of safety and costs.

SECURITY



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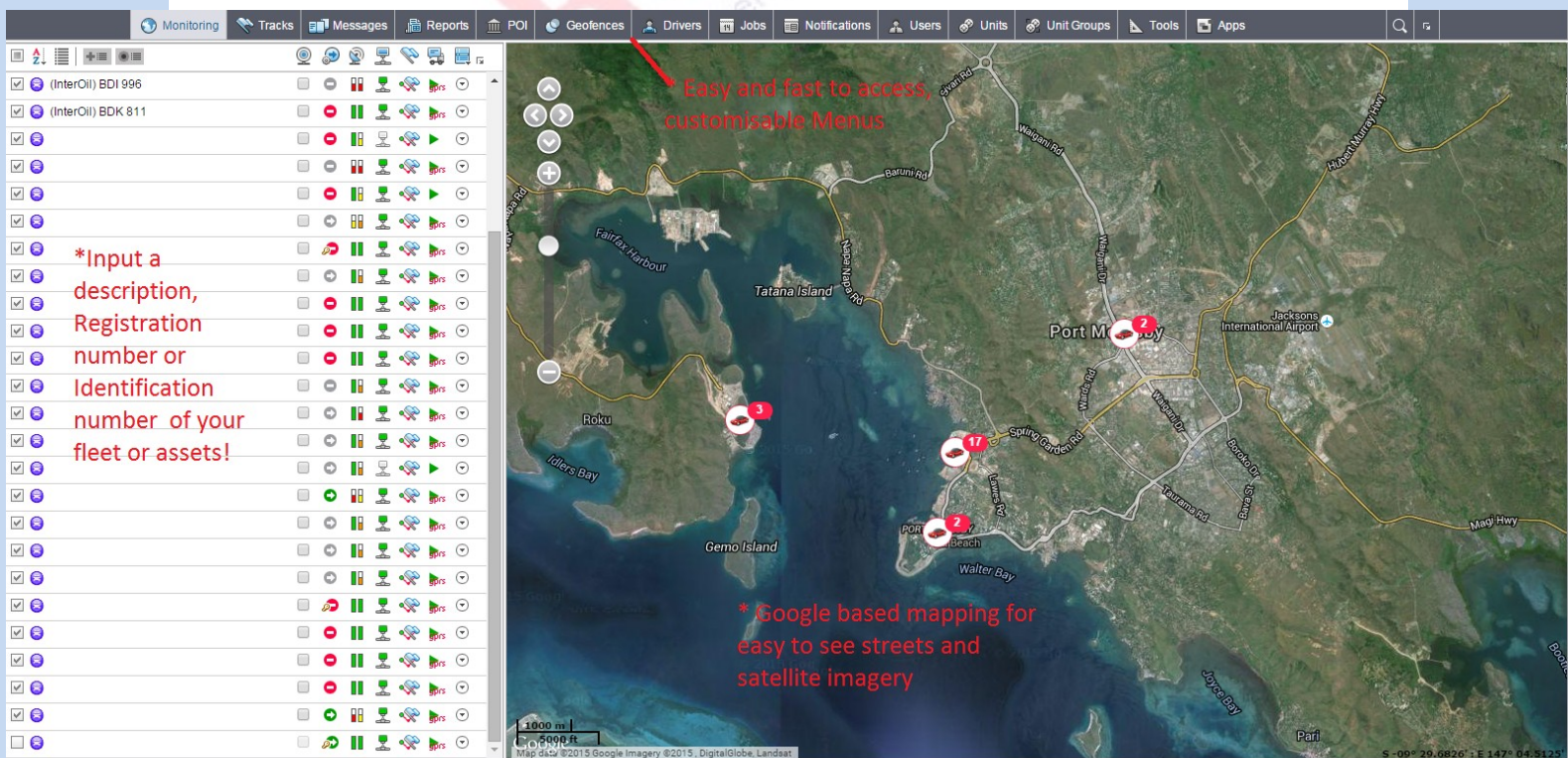
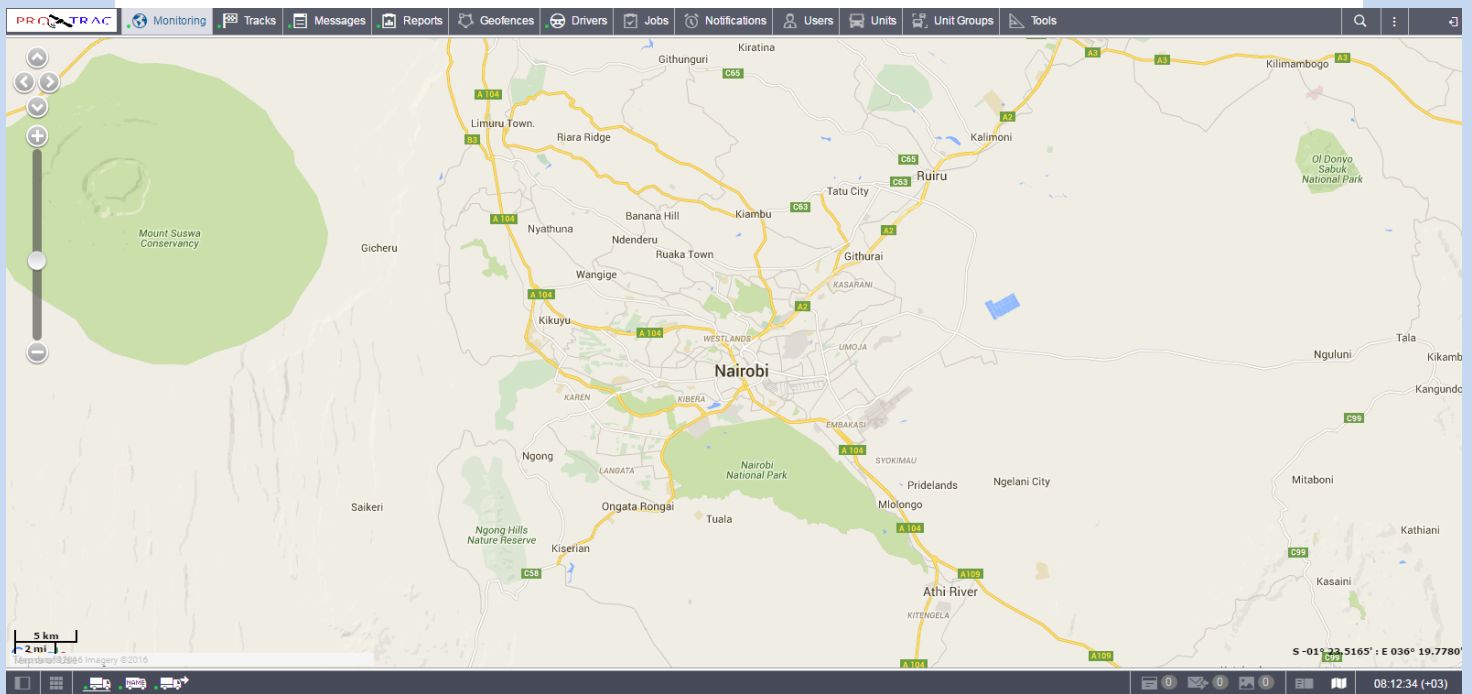
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Providing Security for assets, staff, persons of interest and cargo has been a major priority of our growth, specially designed, field tested and operationally proven hardware matched with our platform, we are able to provide a solution to almost any scenario. The focus on time critical alerting, accurate reporting and out of the box thinking, we have successful solutions to save lives, protect assets, alert when they have been stolen or tampered with and also help in the recovery of stolen property.

THE PLATFORM



• **HARDWARE**

PROPOSAL

Pro370

Features:

- ✓ Multiple Inputs & Outputs for customised installation
- ✓ Industry Leading Modular design, upgrades inc:
 - Driver Behavior
 - Fuel Reporting
 - Driver Identification
 - SOS / Dues Button
 - Temperature Monitoring
 - Canbus retranslation
 - Alarm System & more.....



For Monitoring Fuel events including Fillups and Thefts

Pro110

Features:

- ✓ Wide operating voltage range 8V to 32V DC
- ✓ Internal 3 Axis Accelerometer to monitor driver behavior and motion detection
- ✓ Multiple I/O to setup SOS Duress button, Engine Immobiliser, Driver ID and more...
- ✓ Palm sized device, perfect for covert installation.

Multiple I/O for various applications:
Vehicles, Trucks, Machines and Equipment



Small in size
Only 80 x 49 x 26mm

Built in 3 Axis Accelerometer for Driver
Behavior and Motion Detection

Pro 180



Features:

- ✓ Wide operating voltage range 8V to 32V DC
- ✓ Internal 3 Axis Accelerometer to monitor driver behavior and motion detection
- ✓ Multiple I/O to setup SOS Duress button, Engine Immobiliser
- ✓ Palm sized device, perfect for covert installation.

-SOS

When under emergency, press the SOS button, and the tracker will send SMS to all authorized phone number and monitoring platform.

Remote petrol/power cutoff

Cut off petrol or power by command.

Vibration/Overspeed alert

As soon as the device detects any vibration or overspeed, it will send alerts to you.

Ignition detection

Ignition controlled tracking intervals for accurate reports

Tracking by Time intervals and heading change for better accuracy and trip reports

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HARDWARE COSTS

Protrac fleet Management system options -

Pro's 110 – Kshs. 13,920 Inclusive of VAT

*** Basic Tracking only, No driver behavior or external devices, perfect for Duress and Engine Immobilisation**

Pro's 180 - 17,400 inclusive of VAT

*** Intermediate Fleet management device, accelerometer for Driver behavior and optional upgrades**

Pro's 370 – Ksh.84,680 Inclusive VAT

*** Complete Fleet optimization device, complete range of accessories to upgrade with your business**

MONTHLY SUBSCRIPTION

Monthly Hosting Tracking & Fleet Management cost find on the attached Proforma Invoice No: 01523

*Includes Live Tracking (60 second updates) via the online monitoring platform, basic reports, notification via sms or email and 12 months of data storage in the clouds.

CONCLUSION

We look forward to working with Your organization and supporting your efforts to improve the efficiencies of your fleet and help with day to day runnings of your business. We are confident that we can meet the challenges ahead, and stand ready to partner with you in delivering an effective GPS Tracking and Fleet Management support solution.

If you have questions on this proposal, feel free to contact the Protracteam at your convenience by email at info@protracafrika.com and we will be in touch with you to arrange a follow-up conversation on the proposal.