



RadioTrade, a Motorola accredited distributor, has teamed up with Tallysman Wireless to launch the new 'RadioTrack' fleet management application. This new hosted service provides many new features to be enjoyed by Fleet owners with no up-front Capex cost.

RadioTrade has worked hard with Tallysman to develop an application that involves a simple connection between the Motorola radio system and the RadioTrack server, operating from a web interface control system, accessible from any Internet capable device.

With specific training programmes for partner experience and demonstration systems that can be accessed from a customer web browser, the system benefits can be shown simply and effectively with no need for temporary vehicle installations and costly engineering time.

The RadioTrack system will aid operational efficiency by managing remote and mobile assets, helping to deliver on time, increasing personnel and asset safety and reducing expenditure through efficiencies.

Implementation

RadioTrack requires minimal implementation. Traditionally the implementation of radio applications has meant the need for costs that affect both capex and operational budgets. The majority of applications are built to provide a wide range of bundled features and it can be the case that some of the functionality may not be appropriate. We know that this has discouraged companies from investing in an application as they can be unsure of the return and the investment can often outweigh this uncertainty.

With RadioTrack we have addressed these points and minimised the implementation costs by hosting the service. This leaves a simple monthly subscription that although is contract based, can be obtained on a short term basis, so users may try the system and determine its value before committing further.

Deployment

RadioTrack is easy to deploy. The application is easily configured to fit into any preconfigured radio system. The radios will need to be GPS capable, or with the Motorola DM series units we can provide an upgrade cost to add the GPS capability.

Connecting the radio system to the hosted server can be done a number of ways and uses the Internet as a bearer. The RadioTrack PC gateway allows a simple PC/Radio combination to listen to the radio network and send GPS data back to the server over the Internet. Other options include an NAI direct connection. If connecting the gateway or NAI data to the Internet is difficult, then a 4G solution is also possible.

RadioTrade will assist in every aspect and/or provide comprehensive training to the Dealer. Radio identities are added to the server and log-in details are provided for the dealer/user to access the software. Administration rights are set per user allowing varying levels of access to suit differing requirements within a company.



Operation Management

The RadioTrack system is simple to use. You can log onto the web browser interface system using any Internet capable device and the system will respond to the dynamics of your device, showing real time fleet information using up to date mapping. This makes it perfect for managing your mobile assets, even when you are away from the office.

RadioTrack offers great operational functionality with an instant GPS position request button for any radio, bookmarkable map locations, view filters and easily reorganised fleet devices without any recall. Set-up is adjustable to suit both the user requirements and radio network capability.

By using the Motorola generic option board or the SPRITE telematics box, both available through RadioTrade, breadcrumb trails with up to 5 second location pings can be achieved. GPS data is stored and compressed before being sent as a single data string and thus reduces the necessity for additional radio airtime. The smart sequencing technology within the software means the RadioTrack system knows it has missed a GPS message and will retrieve it from the SPRITE telematics box at the earliest convenience, so no location information is lost.

Communication

Communication using RadioTrack is versatile. Text messages can be sent from the web interface with live delivery confirmations. You can set-up an email inbox for a radio/group which allows emails to be received by the server and passed onto the radio or group in the form of a text message and these emails may be returned when responding within 3 minutes.

Safety

RadioTrack enhances the safety of both personnel and assets. With the ability to locate employees, assets and valuable cargo, along with monitoring progress, an emergency situation can be dealt with quickly and effectively. Geofencing within the software allows employers to set safe and dangerous areas and set routes on a map with notifications or alarms raised if these defined areas are breached. If the emergency alarm on the radio is initiated, then the radio will send an emergency message to a predefined user or group. This message will show the name and location of the vehicle in distress, allowing a fast response to rectify the situation.

Reports

The RadioTrack system offers a wealth of recorded information. Personally preconfigured statistical reports are automatically generated on a daily basis and are available for fleets and individual vehicles. Reports can be automatically saved or emailed to the necessary recipients and can include information such as speeding alerts, geofence timings, emergencies, busyness, first and last locations and overall summaries. It is possible to search through all historical data, on all devices in the server database, providing the ability to check and analyse years of archived data to seek operational improvement.



The RadioTrack application brings economic value as it creates a radio system that can now offer voice and data services with no call charges. RadioTrack offers superior fleet management capabilities, reliable messaging options, safety provisions and extensively archived reports that can monitor and analyse performance. This outstanding product is all available without any complicated configuration or the traditional capex costs, just a simple low monthly payment, rolling contract plan.

Comments Richard Searle, Managing Director of RadioTrade Ltd: “We are very pleased to have established this relationship with Tallysman and feel this highly featured system will provide an excellent opportunity for dealers to offer effective solutions to their customers. Simple to deploy, low monthly cost and short rolling contracts are excellent reasons for customers to sign up and enjoy this great service. Simply connect the radio system to our hosted servers and web browse to this excellent fleet management system from anywhere in the world.”

“We are delighted to have signed a distribution agreement with RadioTrade”, stated Gyles Panther, President, Tallysman Wireless. RadioTrade is an important Motorola distributor and enjoys an excellent reputation in the UK. Tallysman TruFleet™ makes it possible for the first time for MOTOTRBO™ users in the UK to add tracking and advanced telematics capabilities to their fleet operations without any fuss and with minimum initial investment. We are confident that the TruFleet™ system and RadioTrade’s high levels of customer service will prove to be a successful combination for its Dealer Partners. We are looking forward to a long association with RadioTrade.”

Benefits:

- Manage mobile assets even when away from the office
- Increase personnel & asset safety
- Audit vehicle routes and workers with comprehensive reports
- Improve operation efficiency and costs
- Respond to customer enquiries and adapt to customer needs more efficiently
- Versatile communication
- Configurable set up, notifications & reports
- No large upfront Capex costs
- Short-term, rolling, monthly contracts
- Free software updates & developments



Features:

- Web browser interface enables you to log on and manage your fleets from any Internet capable device
- Responsive interface means it will respond to which device and format you are using
- Program rich and intuitive, easy to master
- Uses real time Google maps with choice of terrain
- Shows breadcrumb trails with speed and direction
- Can gain immediate location by sending GPS command at any time
- Multiple fleet management
- System indicator showing system fully functional and connected
- Route Replay
- Inbuilt text message function, email and status messages
- Automatic log retrieval
- Protocols for out of range and emergency situations
- Emergency Alarms
- Detailed reports including mileage, timing, busyness, summary of events that can be downloaded or pre-set to email
- Geo-Fences
- Reverse Geocoding
- Archiving
- Redundancy
- Online help section
- Configurable settings

Target Markets:

1. Fleet Management
2. Transportation
3. Campus Management
4. Electric/Gas Utilities
5. Waste Management
6. Quarries
7. Emergency Alarm Monitoring