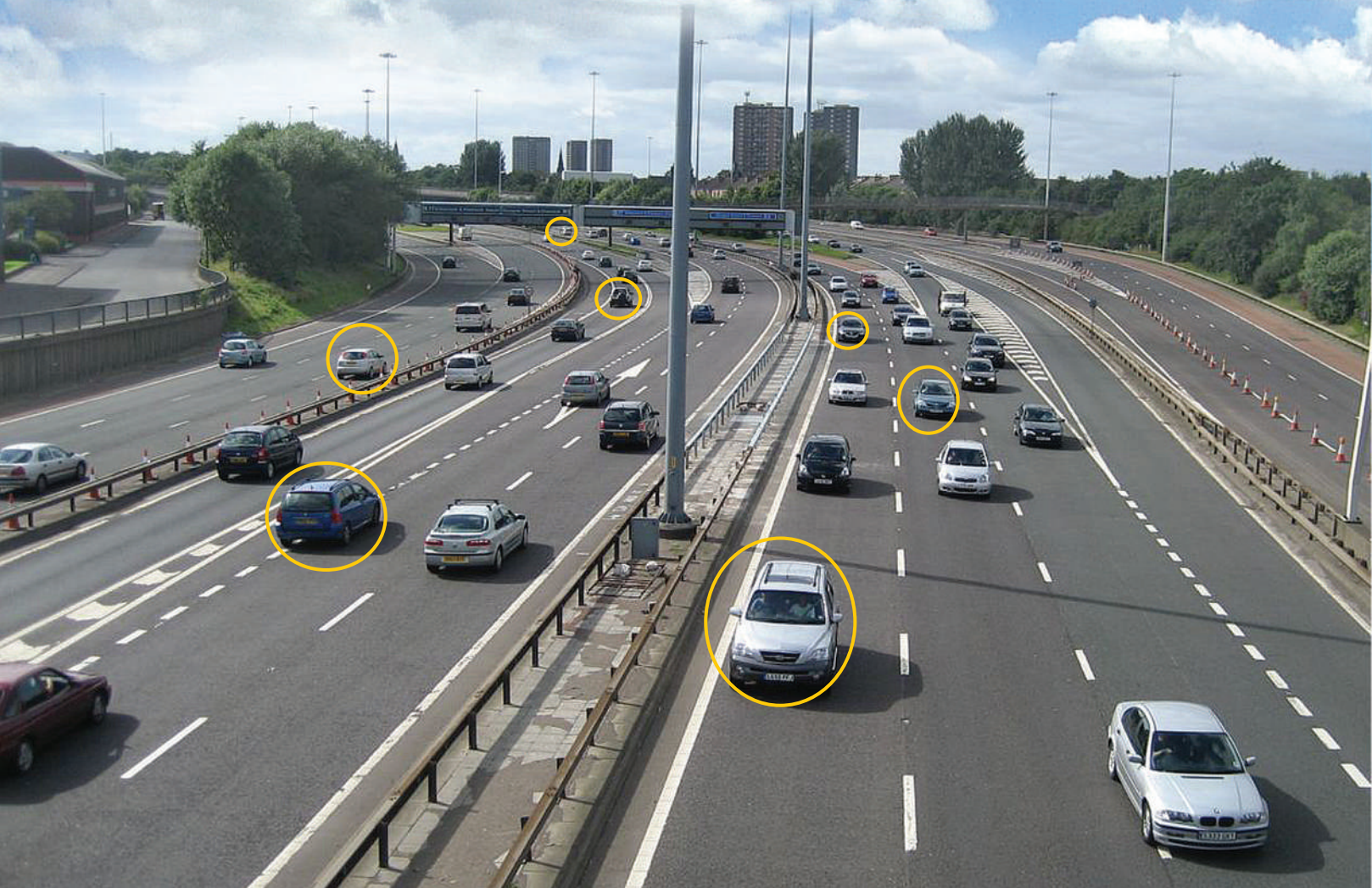




A Hawk's eye view on Remote Assets



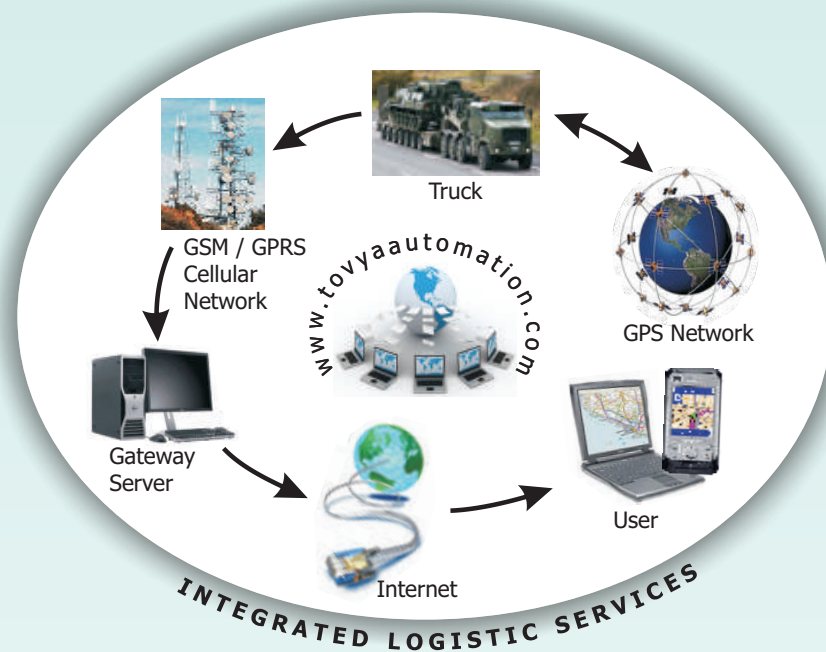
NEED FOR TRACKMATE !

Today, undoubtedly every business aspires to augment their bottom line. Most of the businesses carry a fleet of vehicles to deliver their products and services. Managing this fleet efficiently is not only a challenge, but also a necessity to remain competitive in this global market. Fleet management requires real - time information, but procuring such real - time data from the desk is unimaginable, yet indispensable to be competent. Burning time endlessly in gathering such data will burn away attention on Core Business and that impacts productivity. Therefore, business requires an integrated approach to monitor their remote assets for magnifying bottom line.

Tovya Automation has accomplished this requirement by offering "TRACKMATE", an integrated telematic vehicle location system, intended to fulfill several needs in fleet management from your desktop.

TRACKMATE

Tovya **TRACKMATE** is a web - based remote monitoring device. By utilizing GSM / GPRS together with GPS technology, **TRACKMATE** makes it possible to present a cost - effective vehicle tracking solution. It provides all functionality of the vehicle in one unit such as current location of vehicle with date and time, speed, distance traveled, moving time, idle time, number of stops, geofence and alerts. GPS receiver in the unit captures data from GPS network and this data gets transmitted through GSM / GPRS technology and decoded to the server via internet which enables users to remotely monitor their vehicular movement from desktop.



TOVYA AUTOMATION PVT LTD

Tovya Automation, established in 1991 with a vision to bridge world - class engineering and next generation technologies with people and process, is a technology savvy company, a leading designer and a worldwide supplier of systems and services for Logistics, Industrial Electronics and Instrumentation markets. Tovya provides a total solution to its customers by utilizing wireless communication, end-to-end remote monitoring and advanced web enabled management information services.

Tovya Automation, is a TANDON GROUP company with its headquarter in united states, a group with three decades of rich experience in electronic manufacturing with ISO 9001 & ISO 14000 certified factories in India and Sri Lanka. Tandon Group is the recipient of highest export promotion awards for the past 17 years. It is owed to have privilege in manufacturing and supplying goods to the global OEM market.



TRACKMATE Key Features

"DISCOVER YOUR FLEET"

Real Time Tracking	Spot real time location of vehicle worldwide in a GIS map
Reports	Generate reports on vehicle start time, stop time, idle time, distance traveled, number of stops and duration of motion for 1. Daily 2. Yesterday 3. Weekly 4. Monthly Enable to compare data by graphical representation
Speed	Create a series of speed limits Find maximum over speed of driver with time
Geofence	Enable to set a route for a specific area and record route violations Enable driver safety through geofence
Fuel	Monitor fuel level / consumption (optional)
Map	Spot current location of vehicle in map with 1. vehicle name 2. latitude & longitude 3. speed 4. date & time View route history for entire fleet
Fleet Summary	Enable to view entire fleet in map with different colors
Alerts	Facilitate user to receive SMS / E - mail for 1. over speed 2. SOS 3. low battery 4. geofence 5. GPS signal loss 6. Connection / disconnection with server

TRACKMATE Key Benefits

"MAGNIFY YOUR BOTTOM LINE"



Optimum Utilization of Time



Reduced Operational Cost

Just in time Delivery



Efficient Logistics Management





Web Enabled Tracking



TECHNICAL SPECIFICATION

#	SPECIFICATION	DESCRIPTION
1	System	GSM / GPRS / GPS
2	Communication channel redundancy	GPRS - SMS / DATACALL - SMS
3	GPS data logging	1 sec / 10 sec / 1 minute
4	GPRS non - availability	11900 records with internal storage time in NV ROM even if power fails
5	GPS channels	Twelve channels
6	Storage	11900 records – 1 sec - 3 hrs / 10 sec - 30 hrs / 1min - 7 days
7	GPRS re - entry	Auto logging
8	Speed alarm	User configurable
9	Parking alarm	User configurable
10	Digital output	8 digital outputs
11	Digital input	6 digital inputs
12	ADC	8 ADC
13	Emergency buttons	2 buttons
14	On the air configuration	Yes
15	Data output format	Nema output to external device
16	Weight	250 gms
17	Temperature range	- 20 ^o to + 55 ^o
18	Local indication	Power, GPS, GSM
19	Operating voltage	12 - 36 VDC, with automotive EMI protection
20	Power consumption	50 MA (Sleep Mode)
21	Dimension	100 MM (L) X 80 MM (W) X 30 MM (H)
22	Voice	Two way to pre - programmed number



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