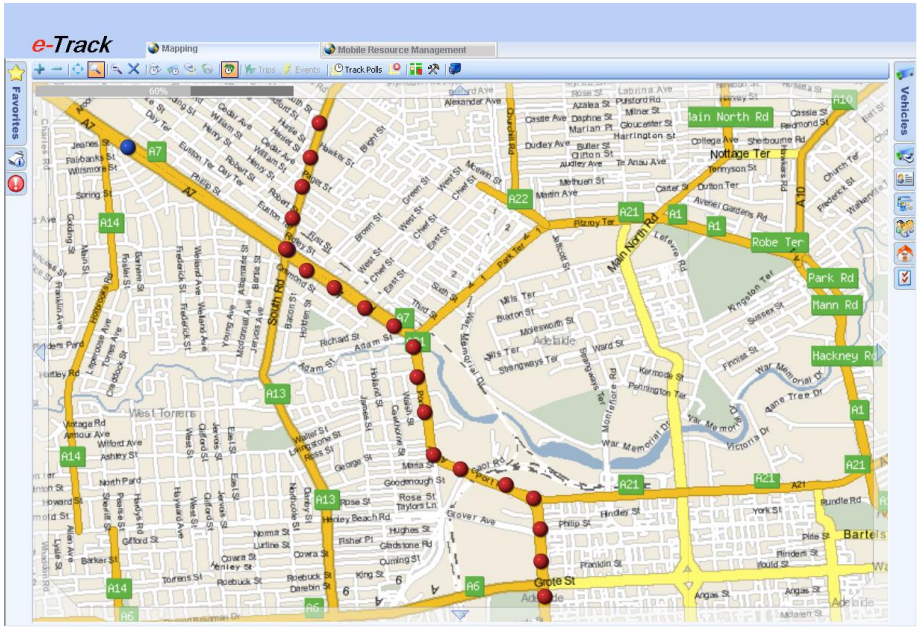
SmartTrans

e-Track®

***SmartTrans e-Track*® is the enhanced GPS tracking solution providing a low cost business tool to enhance fleet operations and provide real time data.**

GPS Location Activity

Using onboard GPS, *SmartTrans e-Track*® will accurately determine the real time location of each vehicle within your fleet and provide historical data as required. Common uses for GPS include real time location identification, time vs. resource allocation, (vehicle selection) productivity analysis and security related events such as vehicle theft or misuse.



Zone Management Module

Up to 1,000 zones can be configured and downloaded into the *e-Track* unit by GSM or GPRS. Any entry into and exit from these zones will generate a high priority alert to the fleet operator for action.

Zones can be Circle, Hexagon and Corridor. The setting of these zones also acts as a security warning for inappropriate activity or theft.

Driver Performance Module

Active monitoring of driver controlled parameters including speeding, harsh braking, over-revving, etc assist fleet managers in evaluating driver performance and care of company equipment. Abuse of equipment has a high impact on maintenance and operational costs, and includes monitoring of:

- Speed Exceptions
- Oil and Water Exceptions
- Excessive Idling

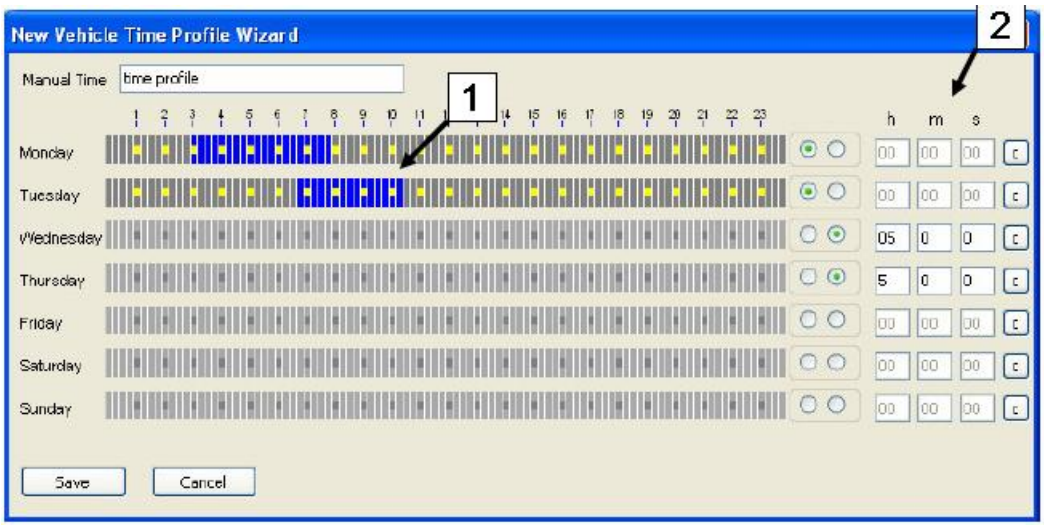
- Harsh Braking
- RPM Exceptions

Vehicle Activity Reporting

Active monitoring of driver controlled parameters including distance travelled, hours worked, speeding, etc in evaluating driver performance and care of company equipment.

Information collected and reported can include:

- Date and Time
- GPS Location
- Heading and Speed
- RPM and Brakes
- Status of other Vehicle Inputs



SmartTrans e-Track Vehicle Activity Summary

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Vehicle Group: **Date Period:** 2006-04-05 00:00 .. 2006-04-06 00:00

		Trip		Max		Number of Exceptions				
Vehicle Description	Days Used	Duration	Distance (km)	RPM	Speed	Speeding	RPM	Braking	Idling	Idle Duration
dave's veh	1	03h 16m 35s	65.5	0	90	2	0	0	0	00h 00m 00s
David	1	02h 49m 15s	60.8	1900	101	11	0	0	3	00h 43m 42s
David's Vehicle	0	00h 00m 00s	0.0	0	0	0	0	0	0	00h 00m 00s
Martin testing	0	00h 00m 00s	0.0	0	0	0	0	0	0	00h 00m 00s
Marty Tststst	1	04h 41m 13s	52.1	1200	87	2	0	0	3	00h 57m 44s
HNH502GP	1	01h 19m 03s	113.6	4800	126	2	0	0	0	00h 00m 00s
Test	0	00h 00m 00s	0.0	0	0	0	0	0	0	00h 00m 00s
Test Vehicle	0	00h 00m 00s	0.0	0	0	0	0	0	0	00h 00m 00s
Test001	1	03h 12m 49s	96.4	2900	90	8	2	0	1	00h 16m 24s
test002	1	01h 30m 31s	37.6	2200	101	16	0	0	0	00h 00m 00s
test003	1	03h 09m 43s	70.3	2800	90	1	0	0	1	00h 17m 22s
test004	1	06h 47m 22s	315.4	6300	112	33	223	0	2	00h 28m 39s
test005	1	01h 16m 02s	22.0	1500	22	0	0	0	0	00h 00m 00s

13 results

Reports can be scheduled to be emailed to recipients at defined intervals.

In Vehicle Networks Data Module

Using the powerful In Vehicle Interface, a wide range of engineering data can optionally be monitored and reported. This can include information such as engine cessation, fuel consumption, overheating, brake usage and air filter status.

Accident Reconstruction Module

The *SmartTrans e-Track*® unit contains a specialized sensor that stores a vehicles accident information. On impact, the data is frozen and can be sent to the message centre, providing accurate interpretation of events. Information stored includes:

- Date and Time
- GPS Location
- Heading and Speed
- RPM and Brakes
- Status of Inputs and Outputs

Service Management Module

The *SmartTrans e-Track*® unit can optionally be programmed to manage service intervals for a vehicle. By keeping a record of the odometer, an event can be generated at a specific reading. This features simplifies maintenance scheduling.

Vehicle and Driver Data Reporting

A sample of the types of reports is listed below:

- Vehicle Utilisation Report
- Driver Performance Monitoring
- Driver Scoring and Rating
- Driver Activity Reports
- Accident Reports
- Tachograph Reports from In Vehicle Sensors
- Odometer Reports
- Fuel Consumption Activity Reports
- Vehicle Telemetry Reports, including braking
- Historical Data Retrieval