

# Transworld™

No Boundaries

No Limitations

No Conventions

..JUST INVENTION



## Customer Satisfaction

## Value for Money

Transworld Compressor Technologies Limited is a Pune based and professionally managed organization with more than a decade of experience engaged in multifaceted activities.

Transworld deals with customers and suppliers throughout the world. Our company specialises in Compressor parts and deals in world class Oil free Screw, Scroll and lube compressors. Transworld also specialize in Vehicle Data Acquisition Systems (VDAS) which provides end-to-end solutions for vehicle tracking, vehicle management, maintenance, safety and security with products like Vehicle Data Loggers and Automatic Vehicle Location System and Vehicle Immobilizer.

In addition to industrial solutions, Transworld also specializes in low cost, wireless barcode and RFID solutions. The latest product is the Wireless TV Audience Response System (The People Meter) incorporating the state-of-the-art hands-free and non-intensive TV Audience Measurement for derivation of TV rating points or the TRPs.

The company is run by a highly qualified and experienced team. Transworld is managed by its people, believes in delegation of authority and our corporate policy encompasses views and opinions of all personnel and above all, our customers.

### **Transworld Compressor Technologies Ltd.**

C-3/8 Rakshalekha, Koregaon Park, Pune 411 001. India.

Tel : +91-20-2613 1676 • Fax : +91-20-2613 9599

Email : [Marketing@Transworld-Compressor.com](mailto:Marketing@Transworld-Compressor.com)

Web : [www.Transworld-Compressor.com](http://www.Transworld-Compressor.com)

# DIGI-TACH-TRACK



**VDL 9100™**

## **DIGITAL TACHOGRAPH™**

- Vehicle Speed
- Total Distance Traveled
- Date and Time
- Number of Speed Violations

### Optional feature for measurement of

- Status report for Seat Belts, Wipers etc.
- Engine RPM Measurement.
- HMR Data for Running Hours of Equipment.
- Measurement of parameters like Temperature, Pressure Fuel Flow etc.

## **FEATURES**

- Conformance with the EU norms.
- Meets mandatory requirements of Indian Commercial Motor Vehicle Rules 93.
- Micro Processor Based device.
- Monitor Driver Integrity.
- Log of exception reports for Over speed, Rapid Acceleration, Rapid Deceleration, Continuous Driving,
- Night Driving as per International Norms.
- End of Journey Text and Graphical Reports
- 128K Memory – Upgradable.
- Last 2 Minutes second by second Accident Log
- Windows™ Based Analysis Software
- No Maintenance or Consumables
- Data Download using Data Cartridge / Data Cable.

## **Black Box / Onboard Computer**

## **SPECIFICATIONS**

- Compact Size 150 x 120 x 50 mm
- Light Weight 600 Gms
- Easy Fitment Inside Truck Cabin
- Power from Vehicle Battery 12 / 24V
- Onboard Battery back up for Memory.
- Input Speedometer Sensor
- Display 16 x 2 LCD Display.
- LED for Sensor.
- Alarm Buzzer for Over speed.

## **ADVANTAGES**

- Low Cost Solution
- Pluggable Upgradable to Offline and Online Tracking using GPS and GSM Technology.
- Can be integrated with Customer MIS

## **APPLICATIONS**

- Haz-Chem Carriers
- Logistic and Courier Companies
- Fleet Operators and Transporters
- FMCG Distribution
- Taxi Operators

™-VDL and DIGITAL TACHOGRAPH are trade marks of their respective owners .

All rights reserved. Features listed herein are optional. Specifications subject to change.

# TRACK YOUR FLEET ANYWHERE!!!

WITH

**Transworld™**

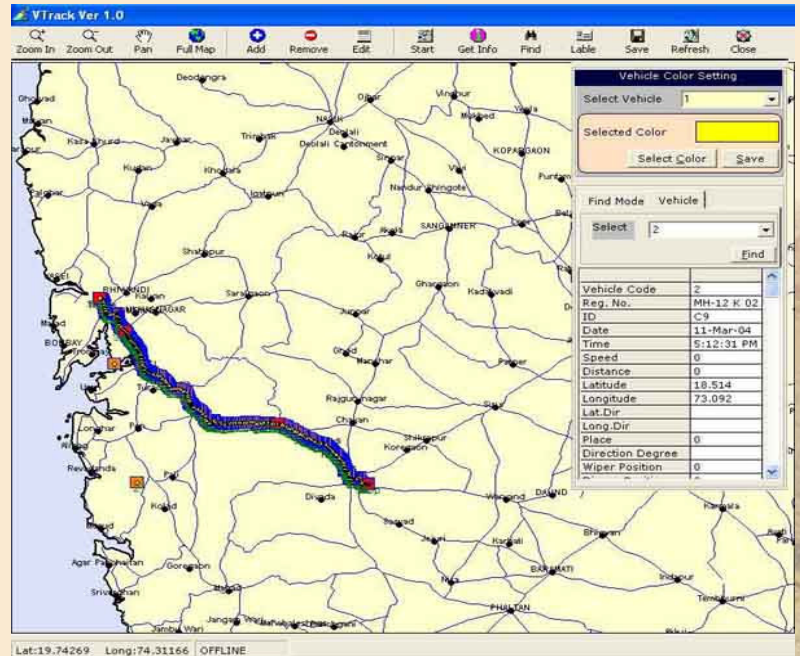
VEHICLE TRACKING SOLUTION



**AVL 2000™**

System comprises of

- ◆ Vehicle Mounted Unit with GPS (Global Positioning System) Receiver and GSM (Cellular) Interface.
- ◆ Command Center with Mapping Software and GIS (Geographical Information System) Maps for view



Track Image

## Automated Vehicle Location Solution (AVLS)

### Vehicle Mounted Unit

AVLS Unit with GPS receiver and GSM interface, Measures and Records

- Date and Time
- Speed.
- Latitude and Longitude using the GPS receiver.
- Control for Vehicle Immobilization.

The vehicle unit transmits parameters like Date Time, Speed and Location to the Command Center using the local GSM Network.

### The Command Center

Data and Application Server with Digital maps and Mapping Software with control facilities for

- Remote Polling.
- Remote immobilization of Vehicle.
- Remote change of Data Transmission Interval
- On Map Real time / Offline display of Vehicles being .
- Ability to Plot Vehicles with Selected Parameters of the journey (Viz. for a particular Date/Dates and Time)

## PRODUCT RANGE

### 1. AIR COMPRESSORS, DRYERS & ACCESSORIES

- 100% OIL FREE Air Compressors for Industrial / Scientific and Medical applications – Anest Iwata and Chicago Pneumatics Range.
- Lubricated Air Compressors for Industrial use - Anest Iwata.
- Compressed air Dryers, Refrigerated and Desiccant type.

### 2. AIR COMPRESSOR REPLACEMENT PARTS

- After Market, Non OEM Replacement Parts for industrial air compressors.
- After Market, Non OEM replacement consumables

### 3. QC /QA NDT ENDOSCOPE INSPECTION EQUIPMENT

- Rigid and Flexible Borescopes / Endoscopes for internal inspection of Machinery, Castings, Aircraft Turbines et al.
- Electronic Recording and Documentation of Visual Data and inspections.
- Fiber Optic Cold Light Source systems.
- Tube and Pipe inspections systems, Video scopes.
- Robots for underground piping and valve inspections

### 4. VEHICLE AND ASSET MANAGEMENT SYSTEMS

- Vehicle Data Logger – Digital Tachograph
- GPS based Vehicle Location and Tracking System – Data comm thru GSM / Inmarsat / RF
- Fleet Management and dispatch solutions
- Counter- Intelligence and Surveillance solutions
- GIS based Vehicle and asset tracking command Center

### 5. TELEMETRY

- Wireless RF/ GSM Remote Data Acquisition Systems
- RF / GSM data transmission control centers
- Remote Asset Monitoring and management
- Remote Power Consumption monitoring – Development.
- Television Audience Response measurement system - Peoplemeter

### 6. INDUSTRIAL PLANT AUTOMATION

- Tube Length Measurement and Control System.
- Thermal Power Plant Raw Coal Feeder Measurement & Control
- Telecom Cable ID Systems
- Special Sensors for Space and Nuclear application
- Tachometers / Zero Speed Indicators
- SCADA / Wireless DAQ
- Wireless Data recorders, transmitters and controllers

### 7. DEFENCE & STRATEGIC EQUIPMENT

- Hand held portable Global Positioning System – GPS
- Flight Data Analysis System – FDAS for Fighter Aircraft
- Encrypted Reconnaissance Data Transmission
- Naval Submarine / Ship Engine monitoring equipment
- Armoured Fighting Vehicle Location System.

### 8. INDUSTRIAL VALVES

- Wafer Type Check / Non-Return Valves for Low Tolerance application in many types of fluids, corrosive / benign. Upto 1500 mm nb.
- Damped Non-Return Wafer Check Valves for large diameter, high head requirement, upto 1500 mm nb.
- Wafer Type Precision Butterfly Valves with / without power actuation for use in Low Tolerance Critical applications in all types of media. Upto 2000 mm nb.

### 9. SOFTWARE

- Embedded Software for Data Acquisition and Telemetry
- Client – Server solutions for Data Analysis and networking
- Linux based database and server side applications
- Small Business ERP solutions
- GIS based vehicle Location Software
- 3DES Encryption