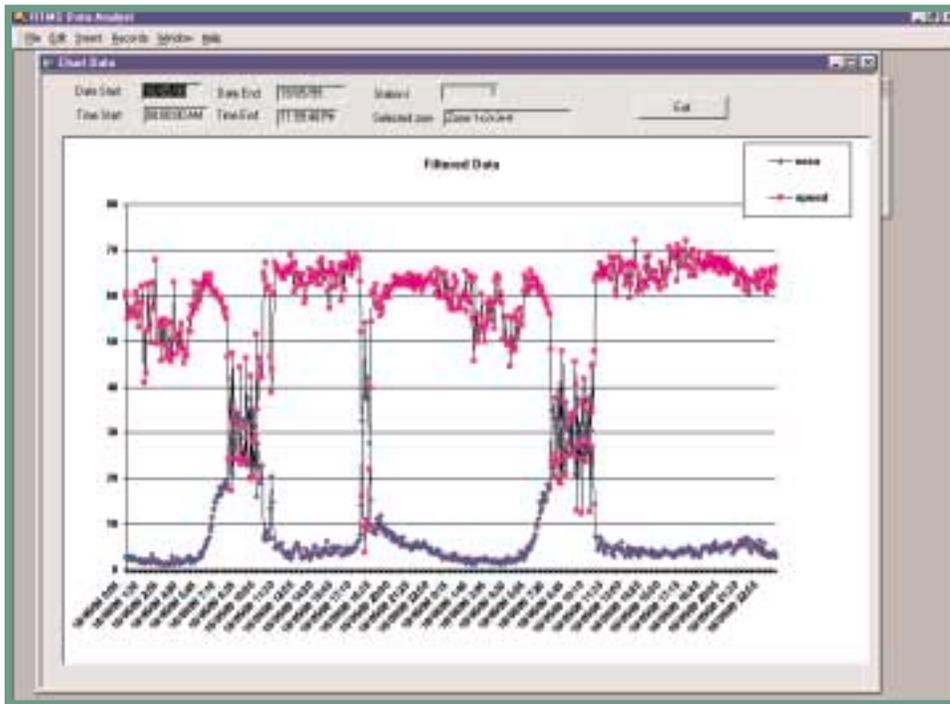


The Simple Solution to **TRAFFIC COUNTING**

RTCP Remote Traffic Counting Package
A Compact Multi-lane Mobile or Permanent Counting System



- ◆ **Accurate measurements: Volume, Occupancy and Speed on 8 separate lanes**
- ◆ **Based on the RTMS radar: very low life-cycle cost**
- ◆ **Quickly deployed on the side of road without traffic disruptions**
- ◆ **Maintenance Free**
- ◆ **AC, Battery or Solar Power Options**
- ◆ **Data retrieval: Direct or by modem**
- ◆ **PC software to download stored data and for report generation.**

EXCELLENCE • INTEGRITY • SUPPORT



EIS Electronic Integrated Systems Inc.

150 Bridgeland Ave., Toronto, Ontario, Canada M6A 1Z5

Tel: (416) 785-9248 • Fax: (416) 785-9332 • Website: <http://www.rtms-by-eis.com> • Email: INFO@rtms-by-eis.com



RTCP is a Traffic Counting solution for permanent and temporary count stations. It counts and stores full information on multi-lane roads. Central PC software is available for downloading stored data via modems and for report generation.

APPLICATIONS

- Permanent counting stations
- Temporary (spot) counting
- ETC Audit counting

FEATURES

- Quick and safe installation on roadside without lane closures
- Accurate all-weather per-lane measurement: Volume, Occupancy, Speed, Classification
- Coverage of up to 8 lanes simultaneously in side-fired configuration
- Fits any road type
- High memory capacity: 1-4 weeks of data
- AC, Battery or Solar power options
- Single lane capability for length and speed-bin classification (7 categories)

SPECIFICATIONS

Count Station

- Pole-mounted. Includes sidefired RTMS, storage unit and modem
- Power: Typically 6W surge-protected AC or DC (can run 1-week on car battery)
- Installation time: Typically ½ hour
- Measurement on up to 8 lanes with a per-lane accuracy of +/- 5% (+/-10% on Speed)
- Measurement on single lane, accuracy of +/- 2% on volume, occupancy, speed; 7 length-bins, 7 speed bins classifier

RTC Storage unit

- Powered from the RTMS: 0.5W at 4-20 Volts DC
- Protected by NEMA 4X pole-mounted cabinet of size 10" x 8" x 6"
- Contains backup battery to retain data when not powered
- Storage Capacity: 2,000 – 8,000 messages (1-4 weeks at 5 min. intervals)
- Data downloads at 9600 baud, directly or by dial-up modem
- Environmental: -37⁰ to +74⁰C, up to 95% Relative Humidity

RTC Setup software

- Allows RTC clock, mode and location setup, data downloads directly or by dialing
- MS-DOS and MS-Windows versions
- Stores data in ASCII files including Time and Date stamp

Data analysis software

- MS-Access based software imports RTMS ASCII files.
- Allows filtering by time (start/stop), Station ID, time slices of 5, 15, 60-min. or 1-day
- Easy to import, export and chart data