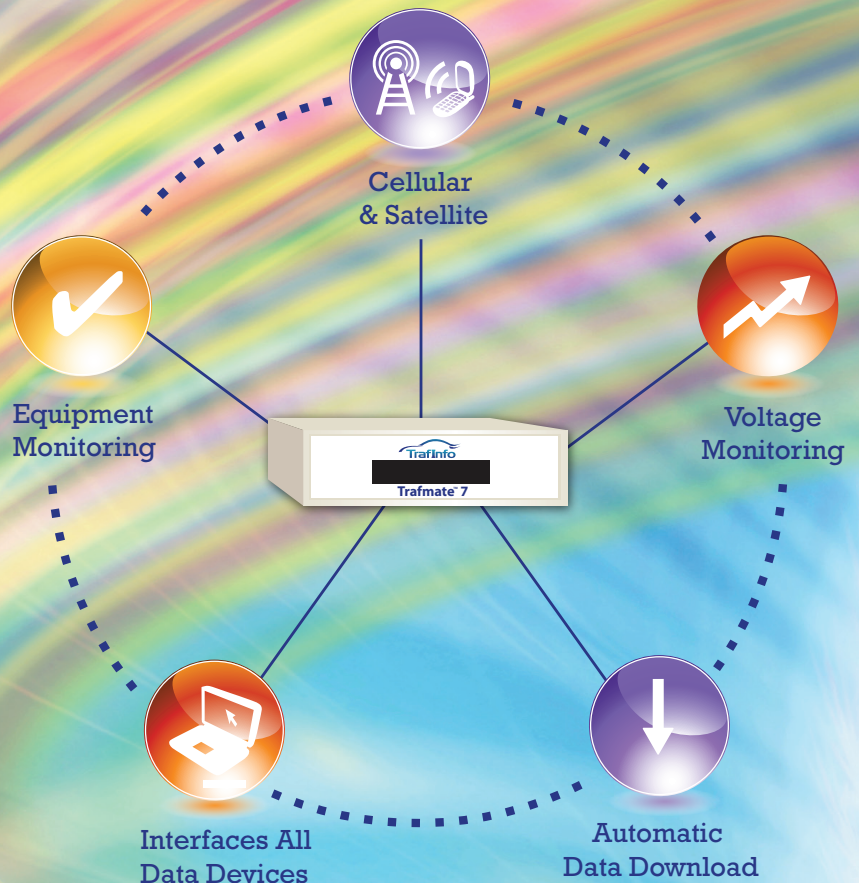


Single-Source for Cost-Effective Customized Wireless Data Communication

- **Cellular 3G wireless communication**
- **IP addressable:**
 - Static IP address, or
 - Dynamic IP with host name
- **Internet browser user interface**
- **Two RS-232 serial ports**
- **Input voltage monitoring**
- **Certified on Verizon & Sprint networks**
- **Fixed monthly charges**
- **Available as OEM module**



Our custom solutions are built on our programmable Trafmate™ 7 platform, secure back-end server, and web-based front-end systems.


TrafInfo

Trafmate™ 7

Wireless Communication System

Trafmate™ 7 wireless modem is the most advanced of TrafInfo's line of wireless communication products. It can interface with most traffic sensors and counters. It provides real-time two-way communication for diagnostics, trouble-shooting and re-programming of the traffic monitoring devices, as well as standard web browser interface for modem setup and status.

The unique feature of Trafmate™ 7 is its ability for simultaneous real-time communication with two serial devices. Each serial port can be configured independently. The Trafmate™ 7 comes with an IP address or host name. Consequently, a standard

web browser can be used to check the status of the modem as well as configure it depending upon the type of counter or sensor. The Trafmate™ 7 continuously monitors input voltage and wireless data usage, and comes standard with TrafInfo's web-based Trafmate™ monitoring system.



Specifications

Power Requirements

Input Voltage:	6-20 VDC
Current Consumption:	70mA – average @ 12VDC 320mA - peak

Interface

RS-232:	Two DB9 (male) (upto 115,200 bps) Serial Port 2 – MODBUS capable
Antenna:	SMA

Micro-controller

Processing Speed:	200 MHz
SRAM:	1M bytes
Flash EPROM:	1M bytes

Wireless Transceiver

Frequency:	Dual band - 800 MHz cellular & 1.9 GHz PCS
Communication Protocol:	1xRTT & EV-DO
Antenna Required:	Dual-band, 3db gain, 15 Watts

Environmental

Operating Temp:	-30°C to +60°C
Humidity:	85% non-condensing

Mechanical

Dimensions	6 inches x 6 inches x 4 inches
Weight:	1 lbs

