

# Utility & Cable Fleets



**DATA DELIVERY**

A Division of OEM Controls, Inc.



**Rugged, Remote  
Equipment Tracking  
To Fit Your Process,  
Needs and Budget**

## **ST-900 CELLULAR SERVICE TRACKER**

**OEM Data Delivery, a leading developer of rugged electronic tools** for managing worksites and high-end equipment, has introduced a versatile system for tracking equipment at remote locations. **The ST-900** generates the real-time information needed to maximize revenue and cut waste, including:

- Cumulative machine hours and miles
- Location and jobsite using GPS
- Total fuel usage
- Fuel tax reports (IFTA)
- Engine idle (IFTA) work logs for utilization
- Maintenance alerts
- User-specified logs:
  - PTO time
  - Auxiliary equipment
  - Other

*It is one of the most powerful, and versatile tools available for fleet management and cost control.*

**The ST-900 was designed for utility companies** and engineered for the harsh environment that utility fleets must endure.

### **Solutions to meet your process and budget:**

- Track different types and sizes of equipment using cellular and/or radio technology – our systems are compatible with all equipment brands and models and are scaleable, so they grow with your business.
- On demand remote data capture via cellular.
- Download data logs via radio to keep monthly fees low.
- Adjust communication data plans based on the situation – e.g. additional times during storms.

### **ST-900 is wireless, paperless and “hands-free.”**

- Reports are generated nightly and delivered via email and secure web reports.
- Information uploads into any major back office system and integrates seamlessly with accounting software.



**The ST-900 is the only cellular device that is fully integrated with OEM Data Delivery's fuel management system to track, in real time, the dispensing of fuel and other consumables.**

# ST-900 CELLULAR SERVICE TRACKER

## Technical Specifications

- **Casing** – Zinc IP67
- **Voltage** – 12 to 24V or 110V option
- **Memory** – 256K bytes of program memory; 15K bytes of RAM; 12K bytes of external EEPROM
- **Storage** –
  - 34 days history each for Idle/Work/Run logs in external non-volatile EEPROM
  - 7 day travel log
- **Real Time Clock** for time stamped data
- **7 Segment Display** for alarms display and communication diagnostics
- **Buttons** – 2 push buttons.
  - One used for calibrating ST-900 and Radio channel switch during Fuel mode.
  - Second push button – Service Alert, Diagnostic, User Configurable
- **Data Logs** – 2 optically isolated digital inputs, 4 standard digital inputs, idle/work/run logs, duration and count logs.
- **Travel Log** – GPS latitude, longitude, incremental time log and CMM.
- **Environmental**
  - Temperature -40°C +70°C
  - Weather resistant – IP65
- **Physical**
  - Dimensions: Height – 7.57” including antennas. Width 5.75”. Depth 2.17”
- **Warranty** – Standard 2 year warranty
- **GPS** – Serial connection
- **Cellular** – Dual Band, GPRS, AT&T



The ST-900 works with the **GoPOD** from OEM Data Delivery. This concealed computer installs in lube/fuel trucks or outside at fuel depots, gate entrances, office trailers, or guard shacks. It allows for additional data capture, including travel logs, fuel, driver logs, and mechanic work logs. Information is collected passively, within a range of 300ft. line of sight, and transmitted via secure radio link.

- **Radio** – 802.15.4 physical layer
- **Vehicle/Telematics Integration** – CANopen, J1939, J1708 interface optional (there is no CAN hardware on the 9S12E256 processor, so any CAN interface for the ST-900 will be external to the ST-900, e.g. a CAN to RS232 interface.)
- **Harness** – Power, ground, ignition, 6 digital inputs, 2 digital outputs
- **Data Format** – Comma-Separated Value (CSV), Extensible Markup Language (XML), Open Database Connectivity (ODBC), and others.



**OEM**  
**DATA DELIVERY**  
A Division of OEM Controls, Inc.