SCI's Unified Fleet Modules offers a new and innovative approach for fuel and fleet management. It integrates ***any*** *hardware into a* ***single*** *highly advanced yet simple to use web-based software that provides practical and actionable information.*

Point-One

AUTOMATIC ENGINE & VEHICLE DATA COLLECTION

OVERVIEW:

Point One is an advanced data mining device. It is designed to retrieve multiple engine and vehicle data where an ECM/onboard computer is available.

Point One is used for management of maintenance, fuel usage, and fleet operation. Together, with the proper software, such as SCI UFM Manager, preventive and predictive maintenance plans can be set to greatly reduce fleet maintenance, operation costs, and provide better customer service. Point One data are also used in collaboration with GPS tracking, such as SCI Track Plus, for comprehensive fleet management.

Unlike other data mining devices, Point One can be customized to retrieve unlimited CAN bus specific codes that are available through the CAN bus, thereby allowing the end user to retrieve the most relevant information for the particular equipment and designated task.

Point One II (Advance) is a next generation wireless telematic retrieval device. In addition to Point One features, it can retrieve data from third party telematic devices, which exponentially enlarge the versatility and capabilities of this data mining device.

Point One II has a monitor, GPS, multiple communication-type capabilities, and a large number of I/O and RS232 ports. Since telematics cover a wide range of issues, Point One II is often supplemented by specific telematic components allowing us to meet the most exact needs of any end user.

Point One is a standalone product, and thus the data can be easily shared with third-party accounting and maintenance software. Point One is one of SCI's Unified Fleet Modules, and therefore data can always be stored, analyzed, displayed, and reported through UFM Manager (web-based software).

Where Technology & Experience Work Together

DATA:

Point One comes with 30 pre-configured CAN bus codes, but the end user can add an unlimited number of additional codes (that are available on the CAN bus) to meet the specific needs per a particular equipment and task. The following is just an example.

- Engine hours
- Odometer reading
- RPM
- Over-the-road speed
- Oil temperature
- Coolant temperature
- Instantaneous fuel consumption
- Accelerator position
- Boost pressure
- Transmission output speed
- Transmission direction — forward, reverse, and neutral
- Brake pedal position
- Key switch position
- Battery voltage
- Oil pressure
- Attention/warning indicator lights
- Water in fuel indicator
- Intake manifold temperature
- Fuel gauge receives the most accurate and valuable data
- Unlimited additional CAN bus codes (J1939, J1709, ODBII)
- Multiple additional inputs based on I/O configuration and connectivity with third party

OPERATION:

Point One is installed inside the vehicle and connected to the engine OBC and the custom sensors' I/O devices. The unit connects to a power supply and has its own internal battery.

TECHNICAL:

- 7.5 VDC to 40V with standby current 20MA
- Each Internal backup battery gets 10 years of data retention
- Enclosure dimensions: 5 x 3.5 x 2.25"
- 2 digital I/O (4 in Advanced version only)
- 2 analog I/O (4 in Advanced version only)
- One RS232 (3 in Advanced version only)
- GPRS (Advanced version only)
- GPS (position only, Advanced version includes navigation)
- Radio antenna
- RF
- Monitor port (Advanced version only)

Point One