



Connect to Your Fleet in Real Time and Save Money

SMALL | EASY | POWERFUL

If you are searching for a powerful, easy-to-use fleet monitoring tool, look no further than Davis Instruments' new CarChip® Connect. CarChip Connect is a small GPS-enabled telematics device that plugs into a vehicle's OBD II port. Vehicle location, driver performance and engine diagnostic data upload via a cellular connection to a secure web site for real-time viewing and analysis. Davis Instruments, a leader in fleet monitoring since 1994, is known for its robust instrumentation.



Rapid Return on Investment

CarChip Connect provides you with the data you need to maximize your fleet's productivity and achieve a rapid return on investment (ROI). CarChip Connect allows you to save money by:

- Increasing fuel savings due to more efficient vehicle usage.
- Increasing driver productivity because of less "idle time" and fewer side trips.
- Increasing driver safety with the help of real-time monitoring which can lead to lower insurance rates.
- Reducing maintenance costs and vehicle wear and tear from less aggressive driving.
- Providing rugged hardware and low monthly service plan pricing.

Compact, Real-Time GPS

- GPS location sent in real time as events happen—not hampered by predefined update schedules.
- State-of-the-art GPS chipset for superior performance.

Intuitive Web User Interface

- Accessible anywhere—your desktop or mobile device.
- Comprehensive tracking of an entire fleet or a single vehicle in an easy-to-view format.
- Flexible design to meet your reporting needs. View a summary scorecard of the fleet's performance, and then drill down for all the detail.
- Use the web interface to see diagnostic trouble codes (DTC) and emission status for any vehicle.

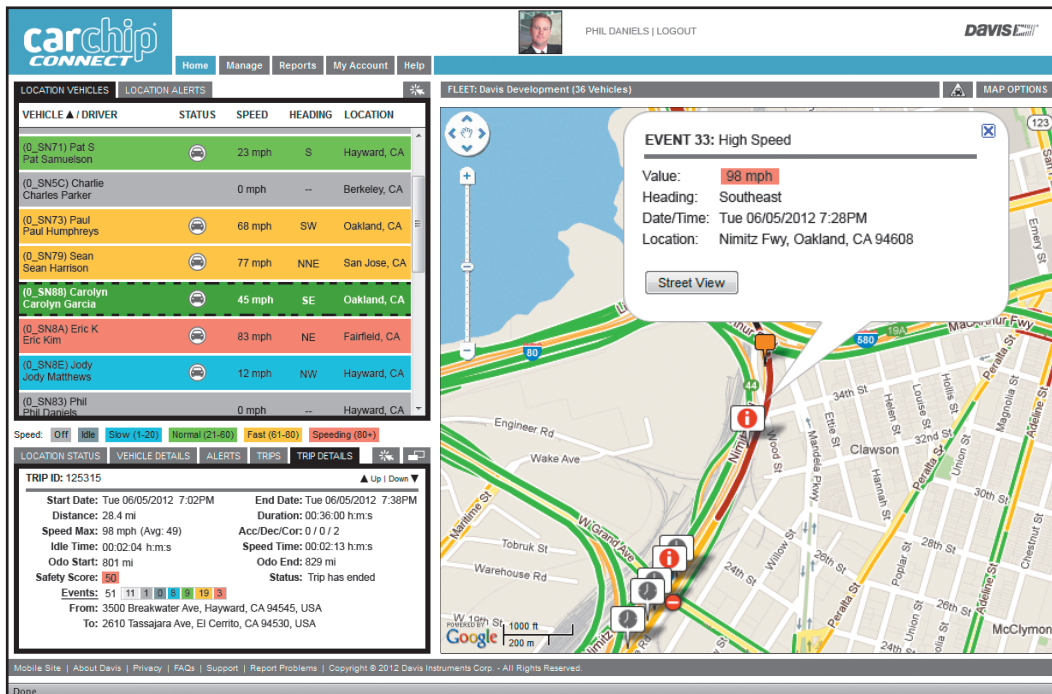
Plug & Go Installation

- Easy installation—just plug CarChip Connect into the vehicle's OBD II port.
- Supports largest range of vehicles.
- No installation charges.

Driver Safety/ Training

- Set geofence boundaries and be alerted if a vehicle violates user-designated parameters.
- Integral buzzer sounds in vehicle when safety and geofence parameters are exceeded.
- Email notifications of alert conditions allow fleet manager to provide instant feedback and guidance.

View vehicle location, driver and engine performance in real time on a user-friendly web site



CarChip Connect's Web site allows you to easily view vehicle location, reports and alerts to maximize your fleet's productivity. Data collection can be customized to gather only the information you need. Analysis is as easy as a few mouse-clicks.

Maps

Quickly locate vehicles, their speeds and directions. Track their trips, stops, routes and accidents. View alerts and locations. This feature integrates with Google Maps' traffic overlay to let you see how real-time conditions are affecting your driver's behavior.

Reports

View easy-to-understand reports on driver safety, vehicle activity and driver performance violations (speeding, off-hours usage, geofence infractions etc.). Analyze data on speed, work hours, vehicle performance and much more.

Alerts

Set custom alerts to instantly report problems relating to driver speed, idle time, odd hours, out-of-area (geofencing), engine diagnostics and more.

Customization

Use our default report parameters and scoring weights or customize your reports using filters to track and analyze only the data you need.

Management

Provides levels of permission that allow fleet managers to set company settings, location managers to run reports with site specific settings and drivers to view information without compromising the data.

PRODUCT SPECIFICATIONS

Mechanical

- Dimensions when plugged in: (LxWxH): 1.9" x 1.0" x 1.5" (48mm x 25mm x 38mm)
- Weight: 50 gm
- Operating Temperature: -4° F to 140° F (-20° C to 60° C)
- Operating Humidity: 5 to 95% RH non-condensing
- Operating Voltage: 7-16V
- Battery: Lithium polymer rechargeable back-up
- Accelerometer: 3-axis, +/-4 g sensitivity, crash & tamper detection
- LED indicators
- Buzzer: three sound levels - max 90 dBA

GPS

- Antenna: Internal
- Channels: 48
- Receiver sensitivity: -162 dBm
- Acquisition time: Hot start 1 sec.; Cold start 26 sec.
- Accuracy: +/- 1m

Cellular

- Quad band GSM/GPRS
- Antenna: Internal dual band

OBD II

- Protocols: SAE J 1850 (PWM, VPW), ISO 9141-2, ISO 14230-4 (KWP 2000), ISO 15765-4 (CAN)

Details and specifications are subject to change at any time without notice.

Call Davis Instruments at 1-800-678-3669 for a demonstration of CarChip Connect's capabilities



3465 DIABLO AVE., HAYWARD, CA 94545 USA • 510.940.1800
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