SOLUTION
FEATURES
SUMMARY

HARDWARE OPTIONS

Garmin Android Touchscreen
- Navigation with Maps & Traffic
- Custom Android Applications
- On-Board Cameras
- 2-Way Communication
- Bluetooth Handsfree Calling
- Crash Detection
- Driver Login & Authentication

ORBCOMM IDP-780 Hybrid Terminal
- Hybrid GPS / GSM / Satellite Tracking
- Least-Cost Routing
- On-Board Analytical Agents
- 100% Landmass Coverage
- Digital Input / Output Monitoring

Inovonics RF Receiver & Pendant
- Duress Alerting away from the vehicle
- 1km Line-of-sight range

SKYNET REACH FLEET APPLICATION

Journey Management
- Upload Route Plans to Drivers Over-the-Air
- Maintenance Planner and Scheduling
- Workshop View
- Maintenance Notifications
- Depot Manager

Geofences & Points-of-Interest
- Parking
- Reporting & Exceptions
- Alert Notifications

Fully Managed Monitoring Services
- For Driver & Vehicle
- Enterprise Alarm Console

24-hour Tier-1 Professional Monitoring
- For Safety & Security

Exception Reporting and Predictive Analytics
- Passive Accident Alerting
- Stop & Idle Reports
- Peak Speeds
- Accelerometer Reporting
- Location-Based Reports

Standard Reporting & Alerting
- Vehicle Activity
- Driver Activity
- Tracking History

Whole-of-Fleet Display
- Fleet Summary
- Real-Time Monitoring
- Custom GIS Mapping Overlays
- Trip Replay

Route Planning Manager
- Google Maps Integration
- Traffic Overlay

Fuel Management
- Fuel Costs

Enterprise Alarm Console for 3rd Party Monitoring

Depot & Driver Management Console

Instant Messaging
- Broadcast Alerts
- 1-to-1 Communication

User & Group Policies
- Administrator & User Group Permissions
- Device & Vehicle Groups

Web-Based Application
- Aggressive Driving

DRIVER MANAGEMENT & COMPLIANCE

Driver Behaviour
- Aggressive Driving
- Harsh Braking + Acceleration
- Speeding Events
- Seatbelt Warnings

Driver Activity
- Driving Times
- Breaks
- Check-ins
- Stops

Electronic Logbook
- Hours-of-Service
- KM’s Traveled

Driver Fatigue
- In-Cab monitoring
- Driver Management

Driver & Vehicle Compliance
- Trip Checklist Dashboard
### GARMIN FLEET 780 / 790 SERIES

- In-vehicle Navigation Tablet
- Built on Android Platform
- On-board Cameras
- Bluetooth Handfree Calling

### HARDWARE

- **In-vehicle Navigation Tablet**
- **Built on Android Platform**
- **On-board Cameras**
- **Bluetooth Handfree Calling**

### GARMIN FLEET 780 / 790 SERIES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>7” Capacitive, 1024 x 600 WSVGA</td>
</tr>
<tr>
<td>Mount</td>
<td>Magnetic Powered Mount</td>
</tr>
<tr>
<td>RAM</td>
<td>1GB</td>
</tr>
<tr>
<td>NAND</td>
<td>16GB</td>
</tr>
<tr>
<td>Embedded Modem</td>
<td>4G LTE Cat 1 NA / APAC 3G/2G EU</td>
</tr>
<tr>
<td>SIM</td>
<td>Open micro SIM</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>BT 4.2 BLE</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>802.11 b/g/n</td>
</tr>
<tr>
<td>USB</td>
<td>USB 2.0 Dual Role</td>
</tr>
<tr>
<td>GPS</td>
<td>Internal GPS</td>
</tr>
<tr>
<td>NFC</td>
<td>NFC Tag Types 1, 2, 3, 4</td>
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<tr>
<td>Camera</td>
<td>Road Facing 4MP embedded</td>
</tr>
<tr>
<td>Torch / Flash Light</td>
<td>Yes</td>
</tr>
<tr>
<td>G Sensor</td>
<td>3-AXIS</td>
</tr>
<tr>
<td>Gyroscope</td>
<td>Yes</td>
</tr>
<tr>
<td>Speaker</td>
<td>High-Output, 2.5W Rear Facing</td>
</tr>
<tr>
<td>Battery</td>
<td>Internal 2200 mAh Battery</td>
</tr>
<tr>
<td>SD Card</td>
<td>1) SD Card (General Use)</td>
</tr>
<tr>
<td>2) Dash Cam dedicated SD Card</td>
<td></td>
</tr>
<tr>
<td>Connectors (Device)</td>
<td>1) micro-USB</td>
</tr>
<tr>
<td>2) 3.5mm audio jack w/mic in-line</td>
<td></td>
</tr>
<tr>
<td>Connectors (Mount)</td>
<td>1) Mini-USB</td>
</tr>
<tr>
<td>2) USB Type A</td>
<td></td>
</tr>
<tr>
<td>Open OS</td>
<td>Android 6.0</td>
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<tr>
<td>Track Navigation</td>
<td>Yes</td>
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<tr>
<td>TTS-Navigation</td>
<td>Yes</td>
</tr>
<tr>
<td>Maps</td>
<td>Lifetime On-board Maps</td>
</tr>
<tr>
<td>Traffic</td>
<td>Lifetime Traffic (via FMI Cable)</td>
</tr>
<tr>
<td>OTA Updates</td>
<td>System SW &amp; Maps (via Wi-Fi)</td>
</tr>
<tr>
<td>Garmin API SDK</td>
<td>Fleet 1.0 (core functionality)</td>
</tr>
<tr>
<td>2) Fleet 2.0 (Nav, Dash Cam, Driver)</td>
<td></td>
</tr>
<tr>
<td>FMI</td>
<td>FMI 3.6</td>
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<tr>
<td>Dash Cam</td>
<td>Garmin Dash Cam Application</td>
</tr>
<tr>
<td>Embedded Impact Detection</td>
<td>Yes</td>
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<tr>
<td>FMCSA ELD Compliance</td>
<td>Development Platform for ELD Solutions (Local Type ELD / Telematics-type ELD): 1) Connectivity: USB 2.0 / Bluetooth / WiFi 2) Large 7” Display for Graph Grid 3) Printer Accessory Support</td>
</tr>
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</table>
TRUE 2-CHANNEL HYBRID SATELLITE & GSM TECHNOLOGY USING LEAST-COST ROUTING
SkyNet's REACH Platform is our premium Cloud-Hosted software developed over the last 15 years. All your data is hosted on Amazon Web Services for uptime, availability, scalability & security.

REACH Aeronautical
Communicate with your Teams via compatible Garmin navigation units

Route Planning
Upload optimised route plans to your teams to improve time efficiency and reduce fuel costs.

Driver Communication
Canned and free-form text messaging even outside cellular areas.

Driver Safety
In-Car audible speed limit alerts help to enforce safe driving habits.

Trip Replay
Playback vehicle activity through REACH Fleet. Just select the date & time.

Live Tracking Data
See up-to-the-minute location data for your vehicles (excludes Satellite).

Securely Stored Data
All your data is saved with SkyNet for up to 6 months.

Live Tracking and Instant Messaging via REACH Fleet
SkyNet’s REACH Fleet cloud based platform can be accessed from any web-enabled device to view and manage your assets and drivers.

MAINTENANCE & SERVICING

- Vehicle Maintenance Notifications
  Give users the ability to view and report on vehicle servicing such as an upcoming scheduled oil change or other pre-defined events.

- Servicing Updates for your Workshop
  Show Maintenance Summary Information for selected vehicles which highlights upcoming calendar events scheduled for the fleet.
**DRIVER SAFETY & COMPLIANCE**

- Configure speed alerting, manage driving time and breaks, then create reports for management.
- Complete integration with compatible Garmin FMI navigation units.

- **Stop Management**
  - Allow dispatchers to communicate and manage driver stops in real-time.

- **Driver Communication**
  - Canned and free-form text messaging even outside cellular areas.

- **Driver Safety**
  - Speed limit alerts help to enforce safe driving habits.

- **Driver ID Login**
  - Driver identification via login through the Garmin Unit.

- **Electronic forms**
  - Allow drivers and dispatch to exchange information using forms that can be completed on Garmin device.

- **Hours-of-Service (HOS)**
  - Fulfill government logbook regulations by automating the entry and recording of all required information from the driver’s cab.

**VEHICLE & DRIVER ACTIVITY**

**REACH Fleet Cloud Based Platform** can be accessed from any Web-Enabled Device to view and manage your assets and drivers.

- **Driver Activity**
  - Monitor driver behaviour including breaks, stops and time behind the wheel.

- **Vehicle Activity**
  - Comprehensive & powerful reporting available at your fingertips.

**GEOFENCE & POINTS-OF-INTEREST**

- **Geofence Alerting**
  - Use SkyNet’s Built-in Geofence & Point-of-Interest Editor to create virtual boundaries and notifications. Create GeoFence & Points-of-Interest easily with REACH Fleet.

- **Setup Alerts**
  - Use SkyNet’s Geofence Editor to quickly create virtual boundaries with a range of parameters.

- **Create Points of Interest**
  - Name your frequently visited locations and plot them on a map for reporting ease.

- **Instantly create a 100m boundary around your Truck, Car, Boat, Bike or Heavy Machinery and get immediate notifications if it leaves that location.**

  - **Set a GeoFence Perimeter with One-Touch**
    - on your Smartphone or Tablet.

**ROUTE PLANNING & TRAFFIC**

- **Create Custom Routes**
  - Easily create & edit routes for your drivers.

- **Send Traffic Alerts to Your Teams**
  - SkyNet’s REACH Fleet Cloud Based Platform can be accessed from any Web-Enabled Device to view and manage your assets and drivers.

- **Manage & assign drivers and depots**

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[Image 1] [SkyNet Satellite Communications 2017]

[Image 2] [SkyNet Satellite Communications 2017]

[Image 3] [SkyNet Satellite Communications 2017]

[Image 4] [SkyNet Satellite Communications 2017]