Omnitracs Next Generation Fleet Management Device

Intelligent Vehicle Gateway

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What is IVG?

- A simplified and scalable next generation telematics solution designed to support Omnitracs suite of best-in-class applications

- A single application enabling device that reliably scales for future growth.

- Seamless integration with Enterprise Services platform.

Hardware Specifications

IVG

Feature	Specification
Display	8" diagonal, 1024 x 600 resolution, resistive touchscreen display with light sensor for auto-dim
Processor	Industrial Grade, Multi-Core ARM Cortex A9, 800MHz
Onboard Storage	16GB Flash
Storage (User-accessible)	32 GB available through micro SD port
RAM	1GB DDR RAM 528MHz
Operating System	Windows Embedded Compact (WEC) 2013; HTML5 compliant browser
Communication (Wide Area) WWAN	3G EVDO with fallback to CDMA, 4G HSPA with fallback to W-CDMA,GPRS , Antenna integrated (no separate installation required) WiFi access point
Communication (Local) WLAN	Bluetooth 3.0 WiFi Direct (peer to peer)
Dedicated I/O	Tethered Trailertracs, Panic Button, Tamper
General purpose I/O	2 General purpose digital inputs (PTO, spare), 1 output (configurable as high speed CAN or relay output driver)
Other Ports (User-accessible)	2 USB Host Type A ports 1 Secure Digital micro port for storage expansion Spare RS232 port (reserve- cable upgrade required)
Audio and Microphone	Two (2) front facing built in 3 Watt speakers with dynamic audio range Built-in microphone (for voice command recognition feature)
Vehicle Interface	Direct connection to vehicle diagnostic connector for: - 5-18 VDC 1 Amp max current at 12 nominal input voltage - Vehicle bus: J1708, high speed CAN (500 kbps), low speed CAN (250 kbps) - Ignition sense

IVG System Components

ELD-READY
HARDWARE
AT LAUNCH

Integrated telematics, antennae, display (1 box solution) with soft screen keyboard

Various cable configurations to support across all heavy duty OEMs: J1708, J1939 (250 kbps, 500 kbps)

J1962/OBD2 supported via adapter box

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Simplified Installation

One platform. One plug-in. It's that simple!

IVG UX: Intuitive Message Notification

Hard Keys

Intuitive Alerts

Applications

Standard

- QTRACS Portal
- *Geofencing*
- *Live & Historic GPS*
- Messaging
- Electronic HOS
- Electronic DVIR
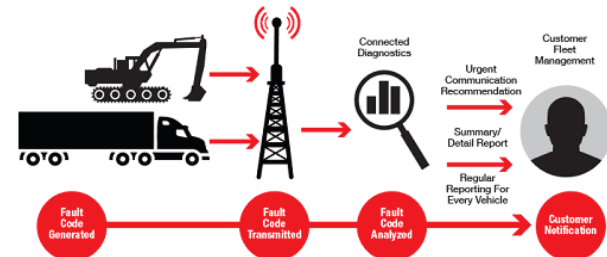- Intelligent Voice Interface
- Analytics Manager (Basic)

Advanced

- Critical Event Reporting
- Performance Monitoring
- Driver Workflow
- Custom API Integrations
- Navigation
- Routing
- And more…

Scalable Solution

- Customize the Solution by adding special applications to meet the needs of each individual fleet or vehicle
  - In-Cab Scanning
  - Fault Monitoring
  - Tire Pressure Monitoring
  - Collision Avoidance Systems
  - Routing

- Vehicles within the same fleet can take advantage of *Operational Profiles* and utilize different features on different vehicles

IVI - Intelligent Voice Interface

Overview

➢ Drivers can access core   high-value/high-use features by speaking voice commands

➢ Trigger command: "Hello, Omnitracs"

➢ Integrates across applications

Benefit

➢ Real-time access enables hands-free access to key information

➢ Increased driver productivity while assuring safety

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Alerts & Notifications

- Customize by recipient and initiator
- Customize by priority status
- Customize notification medium
    - Push to email
    - Notify within the portal
- Run scheduled reports
- Run ad-hoc reports

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Standard Monthly Recurring Software Plans

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QTRACS Portal & Messaging	✓	✓	✓	✓	✓	✓
Analytics Manager Basic	✓	✓	✓	✓	✓	✓
GeoServices	✓	✓	✓	✓	✓	✓
Driver Log-in	✓	✓	✓	✓	✓	✓
Text-to-Speech	✓	✓	✓	✓	✓	✓
Dispatch Macros Integration		✓	✓	✓	✓	✓
Hours of Service (EOBR)	✓	$5.65*	✓	$5.65*	✓	✓
Vehicle Inspection Reporting	✓	$4.45*	✓	$4.45*	✓	✓
Critical Event Reporting		$3.40*	$3.40*	✓	✓	✓
Performance Monitoring		$6.85*	$6.85*	✓	✓	✓
Driver Workflow		$4.45*	$4.45*	$4.45*	✓	$4.45*
Trip Manager		$5.65*	$5.65*	$5.65*	$5.65*	✓
Navigation: ALK Co-Pilot/ Omnitracs	$9.15*/$12.00*	$9.15*/$12.00*	$9.15*/$12.00*	$9.15*/$12.00*	$9.15*/$12.00*	$9.15*/$12.00*
5-YEAR CONTRACT	$22.95**	$22.95**	$31.95**	$31.95**	$45.95**	$45.95**
3-YEAR CONTRACT	$25.45**	$25.45**	$34.45**	$34.45**	$48.45**	$48.45**
2-YEAR CONTRACT	$26.95**	$26.95**	$35.95**	$35.95**	$49.95**	$49.95**
1-YEAR CONTRACT	$27.95**	$27.95**	$36.95**	$36.95**	$50.95**	$50.95**

*Additional functions may be added-on to service plans for the stated price per month/per vehicle.
**Service plan prices are quoted per month/per vehicle.

PANA-PACIFIC

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Hardware Pricing

- Type I kits for most vehicles manufactured before 2016:

  - 250kbps kits retail for $799.00

- Type II kits for most vehicles manufactured after 2016:

  - 500kbps kits retail for $849.00

- Leasing options are available through third-party vendors

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