

VEHICLE TELEMATICS

COMPLIANCE AND WORKFLOW MANAGEMENT

# Compliance and Workflow Management

Multipurpose In-Cab Solution Set: ELD/HOS, DVIR, Navigation, Workflow Management and Document Management

## Description

The Compliance and Workflow Management solution is an in-cab system. It complies with ELD regulations, offering an electronic logbook with integrated vehicle data. Additionally, it enables efficient Hours of Service (HOS) management, provides turn-by-turn navigation with "avoid and favor" route planning, allows for customizable workflow management, and facilitates seamless two-way communication between drivers and dispatchers/fleet managers.

The system seamlessly integrates with your transportation management system (TMS), retrieves dispatch data from your workflow, and integrates it into the driver's logs, reducing the need for duplicate driver input and minimizing log violations due to inaccurate data. Additionally, it provides

real-time positioning, minute-by-minute reporting, and engine performance data (speed, MPG, idle time, fault codes). This data can be utilized for benchmarking driver performance and behavior, as well as truck performance evaluation.

Furthermore, it offers support for Trimble MAPS and PC Miler truck-specific navigation, which seamlessly integrates with dispatch information and automatically loads the address of the next stop. This eliminates the need for drivers to manually input the address.

The Compliance and Workflow Management solution integrates with Unity, the SaaS-based fleet intelligence platform that ingests, processes, and consolidates data from every asset, vehicle, and person.

## Key Features

- Integrated Hours of Service (HOS)
- Tractor and trailer independent DVIR (Digital Vehicle Inspection Report)
- Turn-by-turn hands free navigation
- 2-Way driver/dispatcher messaging
- Avoid/favor route planning
- Customizable workflow management based on internal company requirements
- Driver trip assignment/tacking with proof of delivery
- J-1939 & J-1708 vehicle data integration
- Ruggedized IP67 rated data terminal
- Real-time driver notifications to avoid violations and drive continuous improvement
- Mobile enabled SaaS web portal for Android and iOS cross-platform access
- Optional in-cab printer(s)

- Eight-day rolling history with extended history report visibility
- Suggest driver log edits for drivers to review/accept to streamline management and maintain compliance



**Mixed fleet visibility – full tractor, trailer, refrigeration unit, and sensor visibility in a single SaaS application**



**Enterprise Application Integration (EAI) snapshot and history 2-way data integration**



**TMS Integrations – TMW Suite, TMW TruckMate, Frontline, McLeod LoadMaster, Melton, and Trucker Tools**



## Designed to Revolutionize Your Fleet Operations

The **Compliance and Workflow Management** solution provides a comprehensive set of in-cab and value-added driver, workflow, and transportation features and options to revolutionize your operations:

- Avoid violations
- Improve driver visibility/performance
- Enhance driver satisfaction
- Increase productivity
- Lower insurance costs
- Reduce operating costs
- Mitigate liability
- Adhere to compliance standards

# Technical Specifications

## Communication

Cellular Technology	4G/LTE CAT-1 NA with 3G Fallback Integrated
Cellular Data Rates	Download 20 Mbps, Upload 15 Mbps
SIM	Micro (3FF) SIM, Internal
Wi-Fi Standards	802.11g/Wi-Fi 3
Antenna	Integrated

## BLE

BLE Technology	BLE 4.2
----------------	---------

## Global Positioning

Type	~3m 90% CEP
Sensitivity	~ -168 dBm
TTF @ -130dB	Hot <1 Sec
Internal Antenna	Internal Antenna
External Antenna	Internal Antenna

## Inputs & Outputs

Inputs	1 x Micro SDHC Card Slot 1 x USB (Switchable Host and Device Mode) 1 x Voltage ADC: Input Voltage 3.3 to 12 VDC 1 x J-9139 or J-1708 T-Harness  Digital I/O Ports <ul style="list-style-type: none"><li>• 2 x Input: 12V</li><li>• 2 x Output: Output Voltage 3.3 VDC</li></ul>
--------	--

## Power

Input Voltage	12 to 28 VDC, 350 mA Current Verified for Truck/Heavy Equipment
---------------	---

## Technical Specifications (cont'd)

### Interfaces

J-1708	J-1939, J-1708
CAN	CAN J-1939, J-1708

### Environmental

Temp, operation	-20°C – 75°C
Temp, storage	-30°C – 85°C
Ingress Protection	IP67
Vibration, Impact	5% to 90% non-condensing

### Certifications

Communication	CFR 47 Part 15 Subpart B Directive 2014/30/EU
---------------	--

### Size

Dimensions	~118 mm x ~204mm x ~20 mm
Weight	~1.07 kg

### Installation

Mounting	Dash mount with 4x screws to RAM bracket
Connections	1 x J-9139 or J-1708 T-Harness

Powerfleet (NASDAQ: PWFL; TASE: PWFL) is a global leader of internet of things (IoT) software-as-a-service (SaaS) solutions that optimize the performance of mobile assets and resources to unify business operations. Our data science insights and advanced modular software solutions help drive digital transformation through our customers' and partners' ecosystems to help save lives, time, and money. We help connect companies, enabling customers and their customers to realize more effective strategies and results. Powerfleet's tenured and talented team is at the heart of our approach to partnership and tangible success. The company is headquartered in Woodcliff Lake, New Jersey, with our Pointer Innovation Center (PIC) in Israel and field offices around the globe. For more information, please visit [www.powerfleet.com](http://www.powerfleet.com).