

The IVDT RF Gateway delivers critical strategic advantages by providing an on premise, subscription free telemetry

InfoHUBX

Smart Lift Truck Fleet Management

Managing the Unknown?

Tracking Driver Accountability

The Problem: Unreported warehouse damage to racks, inventory, and facility doors occurs because driving incidents cannot be traced back to a specific individual.

The Problem: Paper OSHA/MOL pre-shift inspection compliance logs are pencil whipped, lost, or completely ignored, exposing the company to major liability during compliance audits.

On-The-Fly Weight Logging: Tracks exact load weights, creating a permanent reference log useful for freight billing and preventing overloaded trailers.

True Utilization Metrics: Identifies operational inefficiencies by distinguishing between active workflow and true unidentified operational downtimes in real time.

Impacts: Detection of vehicle impacts (*Audio / Visual alert*)

Overloads: Detection of vehicle overload events with audio visual alerts

Safety Check Compliance: Fully automatic safety check compliance every 8, 12 or 24 hours

Safety Check Session: Time recorded



Introducing InfoHUBX

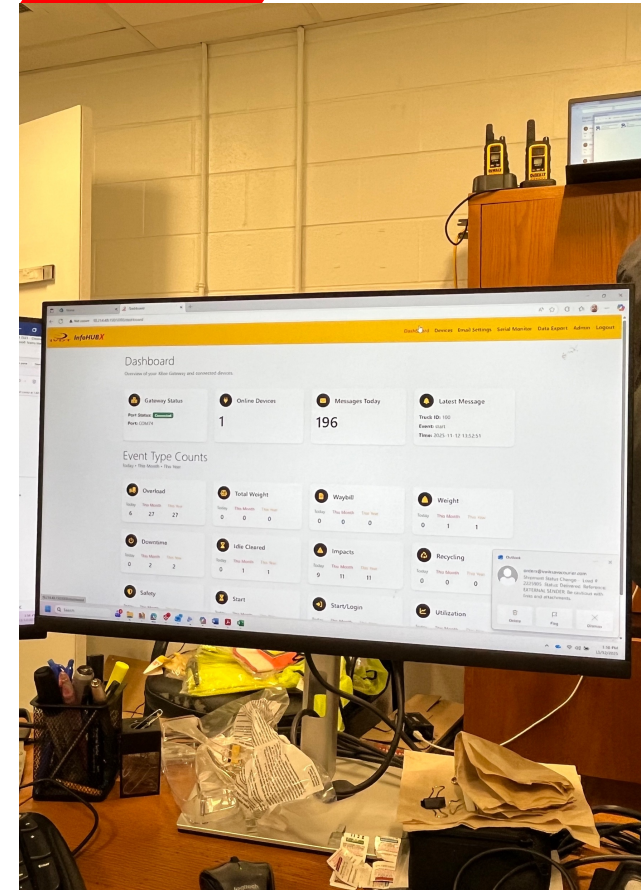
REAL TIME OPERATIONAL VISIBILITY

Completely localized architecture is what makes the **IVDT InfoHUBX** gateway system unique in the material handling industry. Developed intentionally to skip cloud infrastructure and cellular modems, it directly solves the two biggest headaches of modern lift truck fleet management.

- * **Ongoing subscription costs**
- * **Corporate IT security restrictions**

Universal Fleet Compatibility Telemetry (OEM Agnostic)

- **Mixed-Brand Support:** Seamlessly retrofits onto any lift truck, electric pallet jack, or aerial lift across diverse manufacturers.
- **Uniform Management Dashboard:** Consolidates multi brand fleet metrics into a single "big picture" interface, erasing the need for separate manufacturer software
- **Zero Cloud Footprint:** InfoHUBX eliminates the external "attack surface" entirely. Because data stays within your local 900 MHz DigiMesh and LAN environment, it bypasses the common corporate IT headaches, penetration testing, and firewall exceptions required by cloud based platforms from OEM's and other aftermarket telemetry systems providers.
- **Instrumentation Over Integration:** Enterprise OEM's systems deeply hook into the forklift's proprietary CAN-bus network to read specific engine codes. InfoHUBX focuses on external, universal instrumentation like hydraulic pressure and impact sensors making it completely immune to OEM software locks or multi brand compatibility issues.
- **Operational Control vs. Big Data:** For small to midsize fleets, deep engine analytics often result in "data fatigue." InfoHUBX strips away the noise to deliver exactly what a floor manager needs to see immediately: *Who is operating, is the truck overloaded, operational idling, load wights, OSHA / Pre-shift safety compliances and vehicle impacts in real time?*



InfoHUBX Advantage

- **Data Sovereignty:** Because telemetry stays within your four walls, sensitive operational data like operator IDs, productivity metrics, load weights, impacts, OSHA compliance and facility blind spots never leaves the local network.
- **Infrastructure Independence:** The 900 MHz DigiMesh RF network (*Approved in USA, Canada and Australia*) operates on its own dedicated industrial band. It does not compete for bandwidth with your existing corporate Wi-Fi or warehouse inventory scanners.
- **Hardened Reliability:** The onboard instrumentation logs events locally on the forklift. If a truck drives out of RF range (such as into a deep cold-storage unit or a shielded shipping container), it securely stores the data and automatically dumps it the moment it re-establishes a handshake with the InfoHUBX gateway.
- **Instant Local Alerts:** Impact and overload alerts do not travel to an external cloud server and back. Instead, the InfoHUBX gateway triggers instant notifications over your Local Area Network (LAN) to alert floor supervisors immediately.



SkidWeigh Technology

Applicable Forklift Onboard Systems for Interface with
InfoHUBX RF Gateway

SkidWeigh Plus

SkidWeigh Plus Classic

FeedBack

OSHAX

DEFENDER

MDTRF InfoHUBX best applications

- * Warehouse and distribution operations
- * Manufacturing plants
- * Recycling and waste facilities
- * Logistics operations
- * Food banks
- * Small to mid size forklift fleets seeking operational visibility without complex cloud infrastructure or recurring telematics fees.



InfoHUBX Bottom Line Benefits

- * Real time fleet visibility
 - * No recurring cloud subscription
 - * Communication software included with every system
 - * No SaaS / Cloud supply chain risk
 - * RF wireless long range wireless communication technology
- (Approved in USA, Canada and Australia)
- * Mixed fleet compatibility
 - * Scalability (Additional vehicles can be added without the subscription scaling costs commonly associated with cloud telematics platforms)
 - * Network node management (*Identical to a local digital office printer*)



InfoHUBX Gateway Installation

InfoHubX Communication Gateway Quick Start Guide

The InfoHUBX Communication Gateway is supplied fully pre-configured and ready for deployment.

The system consists of the following components:

- 1. DIGI XBee 900HP Modem (small black module)
- HP Laptop (preloaded with the InfoHUBX software)

1. Hardware Setup

- 1. Connect the DIGI 900HP modem to its power supply
- 2. Using the provided USB-A to USB-B (grey) cable, connect the modem to the laptop.
- 3. Power on both devices.

The modem and laptop are pre-programmed to communicate automatically, so no pairing configuration is required.

<https://skidweigh.com/component/sppagebuilder/?view=page>

