

TRUCK TRACK



FEATURES

- View & record detailed information of trucks entering the plant through entry gates
- View and record the weight of a loaded truck automatically without any manual intervention as soon as a loaded truck comes to a weighbridge
- Validate the manual records with system's recorded data anytime to detect pilferage
- Real-time tracking of location of trucks moving around the plant and going out through exit gates

OBTAIN TOTAL VISIBILITY OF YOUR MATERIAL HANDLING PROCESS WITH AUTOMATIC WEIGHMENT USING **TRUCKTRACK**

Material handling & management is a critical activity for any manufacturing industry that has a direct impact on industry's production process and profitability.

PervCom offers RFID based Real Time Locating System (RTLS) solution that would enable any industry to monitor remotely the trucks entering and exiting the plant and the weight of the truckload as they are being weighed at the weighbridges inside the plant. Real-time visualization of the process is also available at specific points like entry/ exit, weighbridge, loading/unloading points

The automated recording of weighbridge reading of each loaded truck will allow the management to keep track of the raw material in stock, the weight of goods produced and the weight of finished goods ready for delivery. This, in turn, will help them to manage efficiently their material handling process.

The entire information (i.e., truck details, weight, supplier info, delivery info, number of trips etc.) can be accessed from the corporate office any time to validate current stock/ delivery positions. Daily/monthly reports may be generated for the use of management.

Benefits

- Increase efficiency and productivity level noticeably without any increase in the process cost
- Fully automated system, no manual errors, which results in better material management
- Faster handling of trucks at Entry/ Exit gates/ Weighbridges
- Payment based on accurate real time weight and trip counts
- Simplest integration to Terminal Operation and management system
- Completely central monitoring & management of the total system

Solution

PervCom's **RTLS system integrated with weighbridge reading** enables the management to record the weight of a truck-load automatically without any manual intervention as soon as a truck comes to a weighbridge. So, the management may track the following information sitting at the corporate office,

- Details of the trucks enter/ exit the plant
- Up-to-date information about the different raw materials entered inside the plant at different point of time
- Weight of goods supplied and finished goods loaded in trucks for delivery
- Camera-based view of trucks at entry/exit and weighbridges

Process

- Security guard, at entry gate, issues a wireless RFID tag with unique tag id to each incoming truck and record the information of the trucks.
- Wireless Routers are placed at strategic locations inside the plant to set up a wireless communication backbone to communicate truck locations and load details from plant to control station.
- Camera interface with weighbridge allows the management to view & record weighbridge reading automatically.
- Using web-enabled software, corporate office can view the recorded details over the Internet
- A beep will alert the security guard at the exit gate to take back the tag from the truck as it goes out. Same tags can be re-issued again.

About Us

PervCom Consulting Pvt. Ltd. offers complete business solutions for increasing efficiency and performance in material handling process. The solutions are based on PervCom's patent-pending proprietary wireless tracking and sensing technologies that combines the benefit of IEEE 802.15.4 wireless mesh networking system with wireless camera interface

PROCESS



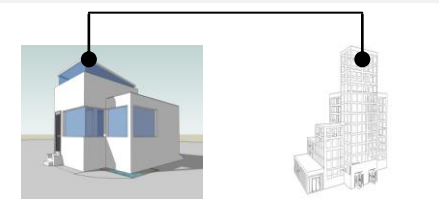
Issue Locator tags to trucks at entry gate



Locator tag, kept in the truck, emits data as wireless signal



Truckload, as measured by weighbridge, is automatically captured and its image is recorded wirelessly



Truck movement and weight data can be viewed and accessed from Local Office as well as remote Corporate Office using Web-enabled software