

Asset Intelligence™

An  I.D. Systems™ Company

VeriWise™ Full-Length Cargo Sensor

Gain visibility of the trailer's or container's cargo status with the VeriWise patented Cargo Sensor. Asset Intelligence is the first in the industry to offer full 53'-length cargo detection. Greater visibility translates into greater efficiency, and greater efficiency leads to greater profitability.

The VeriWise Cargo Sensor is a single component installed in the front of the trailer or container which indicates a loaded condition when an object greater in size than 4'-cubed is detected. The technology uses ultrasonic high-frequency sound waves to "see" the entire length of the asset. The Cargo Sensor is adaptable to different lengths and interior surfaces, such as plywood or corrugated steel, and is virtually maintenance free.

Features

- Four acoustic sensors target three trailer/container zones
- Motion-based activation triggered by forklifts loading and unloading
- Determination of inbound and outbound activity and status
- Robust fleet management reports and charts
- Web-based interface with cargo reports
- Available for both satellite and cellular-based systems
- Over-the-air (OTA) system upgrades and enhancements on cellular solutions

The Cargo Sensor records the time a trailer is loaded or unloaded for increased visibility into load-cycle activities. The loaded/unloaded status can be viewed on the customer's web interface or can be sent automatically to an e-mail address.

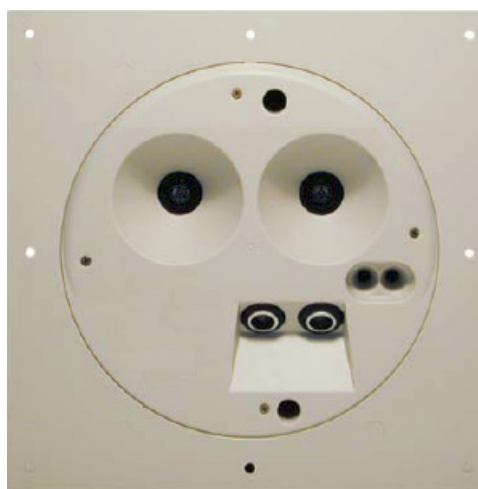
Time-Tested and Customer Proven

Asset Intelligence works with some of the world's largest transportation companies to develop and deliver proven fleet management tracking solutions. Our combined satellite and cellular-based solutions portfolio is unmatched in the industry, and we have demonstrated that fleet management works - and pays. Put Asset Intelligence to work for you today and reap the rewards of better fleet management.

Web-Based Interface

- Increase detention billing opportunities
- Locate trailers or containers available for loading from your computer screen in order to increase trailer utilization
- Don't wait for your customer to tell you that a load is ready to be booked - call the customer when an asset at their location is loaded. Get the load booked and on the road generating revenue miles move quickly
- Eliminate costly, time-wasting yard checks and unnecessary bobtailing
- Alert messages can be e-mailed to you when an asset load status changes

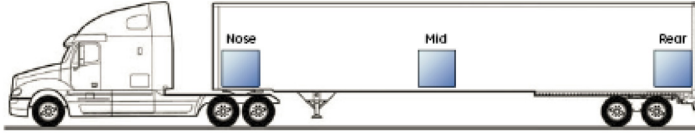
VeriWise™ Full-Length Cargo Sensor



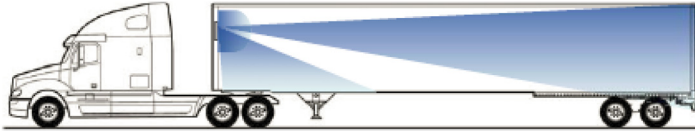
VeriWise Full-Length Cargo Sensor

VeriWise Cargo Sensor Detects Cargo

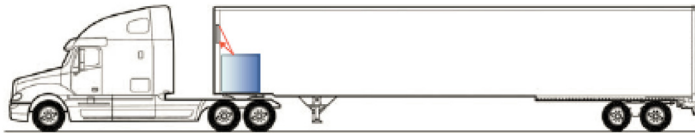
Intelligent, ultrasonic sensor helps increase trailer utilization and eliminates yard checks/bobtailing



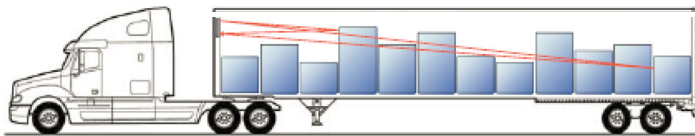
- Critical attribute of a trailer is whether it contains cargo
- Detects cargo anywhere within the 53' space
- Unit operates off of RS-485 interface and is over-the-air (OTA) upgradeable



- Unit operates in multiple modes
 - Short range sensing
 - Long range sensing
 - Proximity sensing
- Unit compensates for environmental effects



- Short range sensing is effective when the load is at the nose of trailer and for the first 15-20' of trailer space
- Primary sensing method for detecting loads
- Cargo assumed to be 2' above the floor



- Long range sensing is effective when loads are positioned in the rear or irregular in height - effective in the range of 10-53' from the sensor
- Range of sensor extends beyond the rear door and assumed to be 2' forward from rear door

About Asset Intelligence

Asset Intelligence is focused on delivering solutions to address the challenges of the global supply chain. By leveraging the latest wireless communications and web technologies, the VeriWise satellite and cellular-based platforms offer intelligent solutions that provide shippers and carriers with tools to better manage fleets, freight, and maintenance operations. Quick access to actionable intelligence empowers you to make more informed decisions about securing and optimizing your asset portfolios and streamlining your supply chains.

For more information about our VeriWise solutions, visit www.id-systems.com/assetintelligence or call 1-877-983-7466

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