

AI - Optimized Kuantum™

Advanced Trailer and Intermodal Container Management

We optimized our cargo sensor using AI to make it the most accurate acoustic sensor in the world.

The new platform enables carriers and intermodal service providers to increase revenue and profitability by maximizing hauling capacity using the same number of assets.

By gaining full visibility of location and cargo status, Kuantum-equipped fleets will:

- Reduce idle time
- Turn assets faster
- Increase utilization
- Boost driver productivity and satisfaction
- Detect misuse of assets
- Decrease labor costs
- Improve asset availability.

The SkyBitz tradition of delivering purpose-built, industry leading solutions continues with Kuantum. The platform's easy-to-install devices provide a long, maintenance-free service life of accurately reporting trailer location and cargo status.

Kuantum harnesses solar energy and uses a state-of-the-art power management system that delivers high frequency, event-driven reporting of trailer locations as well as accurate and timely empty/loaded cargo status updates.

Additional key benefits of using the technology include:

- Reducing detention time and improving detention billing
- Operating trailer pools more efficiently
- Providing better customer service

SkyBitz Kuantum operates on the 4G LTE Network, is 5G compatible, and supports the SkyBitz SmartTrailer™ ecosystem by offering a Bluetooth-enabled platform for expansion with multiple wireless sensors, configurable reporting options, and over-the-air programable capabilities.



Kuantum Front

Kuantum provides reliable and accurate trailer status updates using fully integrated solar power and ultrasonic cargo sensor technology.

Key Features

-  Cellular LTE-M/5G compatible
-  Advanced GPS chipset – SBS, GLONASS, Galileo
-  3 Phase Accelerometer
-  Integrated ultrasonic cargo sensor
-  Bluetooth connectivity
-  Solar panels
-  Longest product & battery life, internal rechargeable battery
-  Supports multiple wireless sensors
-  Event-based reporting on motion status, start, stop, and yard moves
-  Scheduled reporting
-  Quick installation and verification
-  Over the air configurable