



BEWHERE FOR CONSTRUCTION & UTILITY

Well managed inventory, tools and equipment can improve efficiency, increase customer satisfaction, and reduce downtime. BeWhere Beacons enable real-time visibility of location, temperature, light exposure and impact for tools, equipment and goods in transit or at facilities.



MAINTAIN INVENTORY CONTROL

BeWhere allows you to maintain up to the minute inventory control of all tagged equipment on your work sites and storage facilities. Simply leverage your existing employees' smart phones, tablets or notebooks with low energy Bluetooth to continuously transmit data from any piece of equipment outfitted with a BeWhere Beacon.

BUILT FOR CONSTRUCTION ENVIRONMENT

The BeWhere Beacon is well suited for the construction environment. With a range of up to 250 meters and a weather proof enclosure, the site foreman can take inventory automatically without intervention. For some yards, you may choose to install a permanent gateway for inventory management 24/7. Additional temperature, light, motion and impact sensors can be utilized as required.

CONTINUOUS INVENTORY TRACKING

BeWhere tracks inventory, equipment and tools the moment they leave the storage facilities, the vehicle that transported the goods, and verifies that it was delivered to the correct site and arrived on time. Site inventory is taken continuously to ensure accurate billing and provides notifications as equipment leaves or enters the site.

BEACON FEATURE

FIRMWARE FEATURES

- Remote OTA upgrade
- Configurable Tx Power, Advertising Interval, UUID, Major, Minor
- Battery level
- beacon licensed

HARDWARE FEATURES

- IP 68 environmental rating enclosure
- Temperature range: -40°C to +80°C
- Dimensions: 46.5 x 68 x 10.2 mm
- 2 X CR2450 button batteries
- Sensors: Temperature, Accelerometer, Light
- Buzzer (75 dB)
- High intensity LED

RADIO FEATURES

- Bluetooth 4.0 low energy radio
- Transmit power: +8 dBm
- Receiver sensitivity: -98 dBm
- Integrated chip antenna
- Sleep mode current: 0.5uA

BEWHERE BEACON

LOCATION

Real time location of inventory equipment and tools directly on a smartphone and website

IMPACT

Determine whether product or equipment has been transported safely

TEMPERATURE

Determine whether product or equipment is stored properly based on temperature specs

LIGHT

Determine whether tag has been removed from equipment or exposed to light for dangerous goods transport

BATTERY

Known battery level of the tag along with warning if batteries are low

PROXIMITY

Calculated approximate distance from the tag to the reader (Phone, Tablet, Laptop)

INVENTORY MANAGEMENT & CONTROL



- Locate Inventory through online mapping: Android, IOS, Windows
- Find inventory, equipment and tools in buildings / job sites
- Automate Inventory pick-up and drop-off times
- Provides sensor (temperature, light, accelerometer) information on goods
- Receive automated notifications to prevent inventory / equipment loss

MOBILE DEVICES



- Provide data on inventory that has been assigned to a specific vehicle, geographical location, or area within a building or site
- Locate inventory in buildings and on job sites through audible alerts, flashing LED lights
- Determine proximity of inventory through distance measurement to phones and tablets

WEB-SITE



- Real time Inventory / Equipment location with the ability to pre-assign inventory to a specific vehicle, building or job site
- Distributed Inventory/Equipment map based location information to all authorized users on all platforms (Android, IOS, Windows): 0.5uA

