

# CART

## AN INNOVATIVE PICKING CART BY SPARK



Patent: **P.I. 102015025461-0**

**Order picking was never made so easy & affordable. Armed with CART a picker works fast, without errors and hands-free.**

- A fraction of the cost of Voice Picking or Pick/Put to Light solutions with same performance
- Major productivity gains (up to 40%) and nearly 100% order accuracy compared to paper-based picking or even operations already using some standalone form of pick automation (RF, Pick-by-Voice, Pick-to-Light)
- Operator free hands, increasing performance of picking. And with voice aid keeps the operator focused on tasks, minimizing failures
- Flexible. You can change the layout of your distribution area when ever you want without any effort
- Minimal infrastructure requirements. Easy to integrate with any WMS/ERP over web services or perfect matched with WMS and Android application of Spark. Works with RDP, Citrix, HTML or Telnet in standalone
- Very easy to use. 30 minutes of training and your picking team is ready to start
- Works efficiently in storage, replenish, picking and transfers
- User acceptance is guaranteed. The design of user interface (multi language Android app for intralogistics) is innovative and attractive
- Optional modules for weight check, integration with RFID tags, barcode readers, indoor geolocation and confirmations by voice, reduce the errors rate
- Metrics for user and cart, with provisioning of tasks in contingency periods on our Android application



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# Operational Excellence

An Return On Investment of less than 0.6 years

- Standard charging system (AC 85~240V) with IEC320 C14 socket, and wireless recharge base for Generalscan companion barcode scanner with silicon jacket
- High capacity battery system allow 15 to 30 hours of uninterrupted tasks
- Operates in the industrial temperatures and harsh environment
- Operator authentication system by NFC and integration on the environment through iBeacon.
- Design and accessory line customized for any application of customer (ex: portable thermal printer)
- Setting alerts for cart and supervisor and allow send messages for operator
- Special versions for hospital, industries and premium markets
- 7” touch screen, voice over Bluetooth headset, audiovisual alarms in tasks execution
- High accurate 1D/2D barcode reader wireless (Bluetooth) in companion, ring or fixed magnetic system
- Increase attention level of operator during execution tasks through the use of voice commands and notifications on terminal, reducing potential distractions
- Sensors enable accurate measurement of travelling and location of cart
- Improve performance tasks, using warehouse maps and routing algorithms for shortest path



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