Warehouse Management Solution

Introduction

To correctly manage the myriad different articles in the warehousing and distribution center, some advanced centers are using bar-code readers and RFID to automatically identify labels for management of goods. However, how can workers and warehouse fork lift trucks find the articles they want from the numerous shelves or put articles to the proper positions within the shortest time? This requires furnishing mobile computers to workers and providing forklifts to attain this goal. At present, it is the manager's biggest challenge to select a most cost efficient industrial mobile computer and forklifts for the site conditions and their service requirements.

To meet special needs of warehousing and distribution center. Darveen designs a series of these products to satisfy customers' demands.
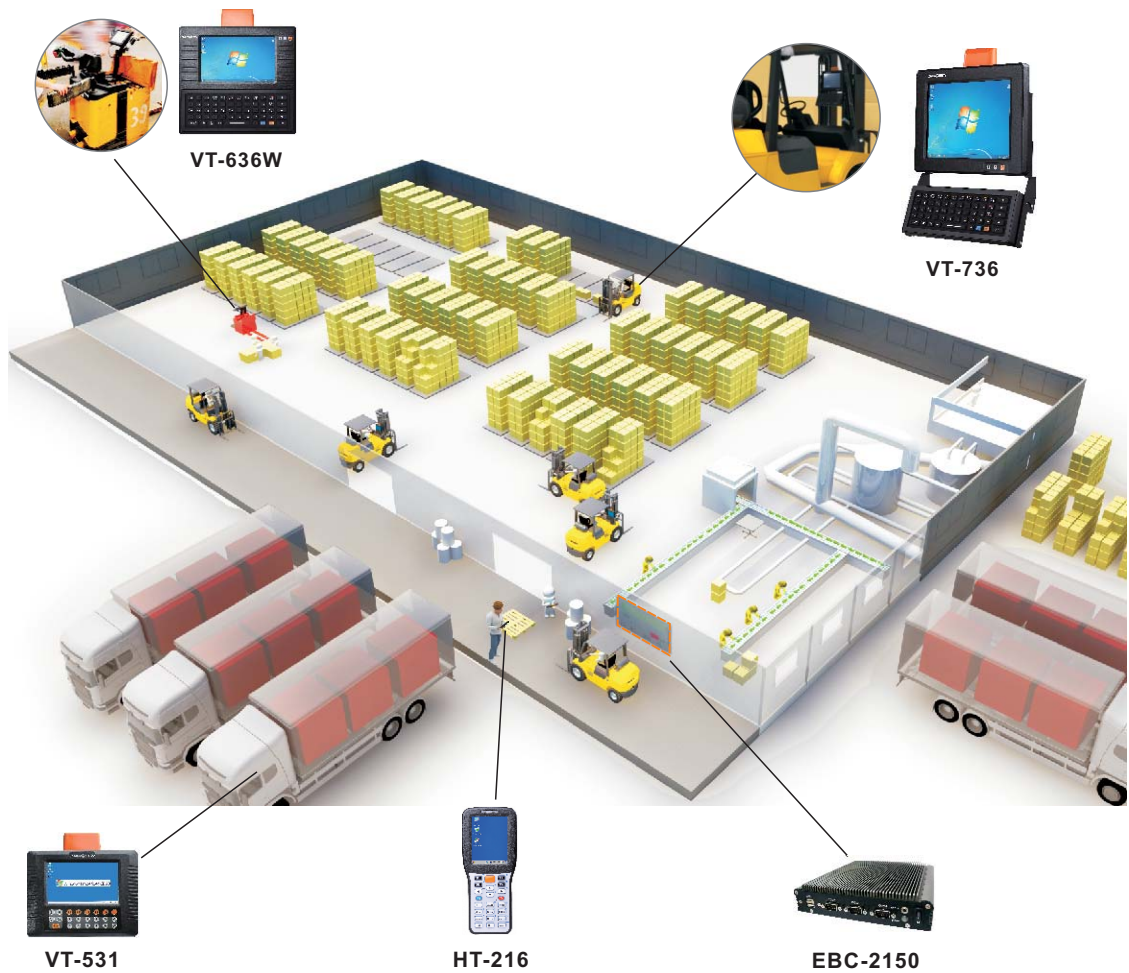
Solutions

- **Vehicle Computer for Forklift**
  - ■ **Various sizes of vehicle computers:** for various service conditions, Darveen design many vehicle mounted computers with sizes varying from 5″ to 12″ and different operation systems, giving customers more choices.

- **Handheld computer and Rugged Tablet**
  For various service conditions, Darveen offers a choice of handheld terminals and industrial panel PCs that are equipped with Barcode scanners, have different display sizes and can operate for extended periods between battery charges.

- **Wall-mounted Fanless Computer**
  Wall-mounted computers can be equipped with Barcode scanners, printers or RFID readers. Also, fanless computers equipped with large-sized LCD monitor are also used as electronic bulletin.

VT-636W

VT-736

VT-531

HT-216

EBC-2150

Advantages

- **Comprehensive Wireless Communication**

  In order to improve data communication between vehicle mounted computers and control centers, Darveen's vehicle mounted computer supports multiple methods of wireless communication, including WIFI, GPRS, 3G and the latest LTE, for more choices by customers. Furthermore, this kind of computer is designed for multiple-antennae, and could be equipped with 4 kinds of RF antennas simultaneously, satisfying the needs of many customers.

- **Professional mounting-bracket design**

  Based on special service conditions of various cranes, reach stackers, trailers, and other equipment, Darveen design a complete range of brackets to install vehicle mounted computers securely and safely in a variety of positions.

- **Complete antenna solutions**

  A complete range of antennas, including types of embedded, glue stick, probe and fiberglass, are available for Darveen's vehicle mounted computers. Furthermore, we also offer accessories such as lightning protectors and signal boosters to furnish antenna solutions under different situations.

- **Power supply with features of waterproof, power ignition, UPS and wide-voltage**

  As unstable power supply of trucks and harsh environment, Darveen especially design wide-voltage, lightning protector and aviation-connector for power supply to improve their performance. Power ignition to delay booting or shutdown, and a UPS battery to keep the computer on during replacement of forklift battery.

- **High industrial protection grade**

  We have quite high requirements for protection of our vehicle mounted computers on account of the violent vibrations in various cranes and forklifts, the extremely low or high working temperatures in different geographical locations and the corrosion of salt mist and rainwater.

- **Remote equipment management software**

  In order to help workers in control centers easily diagnose vehicle mounted or handheld computers at anytime and to also allow them to easily update software, we offer remote equipment management software to provide convenience for workers to manage remote devices without the need of going to the site.

- **Computer-side cradle for scanner and NFC**

  For equipping various mainstream Barcode scanners and NCF with vehicle computers, Darveen designs a variety of mounting cradle and bracket especially for forklift drivers to easily manipulate those devices.

Applicable Industries

- Retail distribution center
- Cold Storage
- Tobacco distribution center
- Tire distribution center
- Furniture warehouse
- Distribution center of pharmaceutical factory