Autotrack On Demand Production Trolley Tracking Solution – 76300085

Introduction

Today manufacturing environment have become more challenging after booming of e-commence trend in the world wide web. Small quantity and customized product is a preferred model for the market. Factory with the ability to adjust itself to this trend will be the main demand for the market for continuous sustainability.

In order for the manufacturing to increase it productivity and quality, tracking every step and action done by the worker is part of the big data analysis required by the management to effectively improve their efficiency and at the same time improving their product quality.

Autotrack On Demand Production Trolley Tracking solution have been customized for your need on this demand. It is using latest RFID technology to capture where is the trolley at this moment of time and at the same time tell customer what will be the productivity rate or KPI for the certain worker as well as what is the improvement stage they can do in order to improve the efficiency.

How Autotrack On Demand Production Trolley Tracking Solution Work?

Every trolley will be sticking with a RFID tag which is recyclable RFID chip after the finish whole process. At the beginning of the tracking, RFID data will be carry by the trolley by passing thru a scanning station, data on the RFID chip will be decode by the reader and transmit directly to Autotrack server. Trolley handler at the same time will continuous with their loading process onto the trolley. For certain application, trolley handler can start their tracking operation by entering the remark information example Working Order Number into the Autotrack as a remark for the whole tracking cycle.

Once the loading process finish, trolley handler will push the trolley to next loading area, loading and unloading process start and optional indicator can be install at the loading site to indicate the trolley handler on the data capture done by the Autotrack. The tracking process continuous until the last station of the process.

Center monitoring viewer is one of the important management tools come together with Autotrack for ease management to monitor the movement of the trolley. Eye catching indicator allow management to have a quick overview of the whole delivery process. Necessary management action can be act to any trolley miss out the delivery station or duplicate the same delivery station.

What Hardware involve?

Empowered by world recognized RFID solution player, Autotrack customized to integrate with various RFID manufacturer like Zebra and Honeywell RFID devices. Ability to read UHF RFID tag as well as HF RFID tag, Autotrack provide you the option for full range of RFID tag selection.

Advantage

Ease to use with no human scanning required when in full operation.

User customizable station with last user passing records.

Multi group and multi category tracking ability.

User customizable tracking station sequence.

Eye catching management monitoring user interface.

RFID encoding or Barcode Printing solution.

Customizable end circle manual certificate printing.

Fully webbase application.

Develop base on Microsoft SQL database.

Upgradable to higher SQL data storage with Microsoft SQL license with larger record storage and faster memory processing.

End user customizable reporting tool

Server System Requirements:

 • Microsoft Windows 2008, 2012, or 2016 operating system
 • Microsoft Windows .Net Framework 4.0
 • Microsoft SQL Express (For 10GB Storage, 1GB memory), or Professional license for enterprise user.

Client

✓✓ Personal Computer Windows XP and above

✓ Tablet PC with web browser include Andro id or iO S