AUTOTRACK (Barcode and RFID Made Simple)
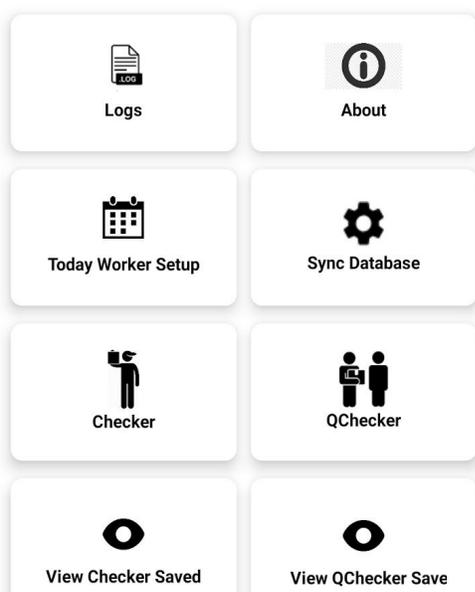
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Autotrack On Demand Agriculture Tracking

Version 6.1

Agriculture harvesting is the most happy occasion for most of the farmers, however when the volume of the fruit is large, it will become a tiredness activity for the worker in the organisation.

Missing, rotten, partially ripe fruit harvested by the worker can be the most challenging task for the planter. How to have the correct and accurate result of the harvested fruit now become an Autotrack team task.

Autotrack On demand Agriculture Tracking Version 6.1.0 is used for fruit harvest recording purposes. It helps you to simplify the harvesting process and make sure you can access the data anytime and anyway in the world. Multi worker management is also one of the task missions to be completed during the harvest recording action.

Who should use this application?

Autotrack On Demand Agriculture Tracking version 6.1.0 is a special custom made available for palm oil plantation owners. The owner can use this software to simplify their fruit harvesting activities and make sure the harvested fruit is fully sent into the sales. They may just need to assign the checker to count the harvested fruit, use the simple mobile device and record the

result. Once the mobile device is back online, the records will be sent directly to the server for recording purposes.

Autotrack On Demand Agriculture Tracking comes with 2 portions of software, the server site software and mobile client site software. The checker just needs to install the software into the mobile devices and carry it along to a fruit harvesting farm to do the recording. Once they go back to the office or online, the data will be automatically pushed back to the server. The function is simple by just input the data and snap a picture of the harvested fruits.

Autotrack backend server design on top of a solid Microsoft SQL server database in order to give you the secure and reliable data storage. Autotrack team uses ASP.NETt as an interface with the user and our business intelligence login is done by using Microsoft C sharp technologies. On the client side application, the application is only done for Android base mobile devices where they are easy to be deployed to most of the market available mobile devices. In terms of RFID technology, Autotrack team selected NFC technology as a data media or

customer have the option to use barcode as a replacement for this if they prefer to see the printed black and white information on the harvested result.

To install the software, Autotrack software solution offers an on premises installation or on cloud base installation. Some areas where the plantation has difficulty to access internet facilities, Autotrack team will assist the customer to install the software onto their premises computer server. Once the checker comes back from the farm, the recorded data will be directly transferred to the server. The daily harvested result can be viewed immediately by the in house manager or admin clerk.