

Mobile Inventory App

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BACKGROUND

The Mobile Inventory app is an Android app that has been designed for Intermec CN51 devices. The app has both Offline and Online functionality.

Stocktaking is available in both an online and offline function.

-Online Stocktakes:

Online stocktaking allows the user to process the stocktake in real time, meaning as soon as the product has been scanned on the handheld and the count updated, then the stocktake in Maxim has been updated.

Online stocktakes use the live Maxim product file to validate scanned products.

While the stocktake is open on the handheld the stocktake gets locked out in Maxim, so that it cannot be edited by another user either on another handheld or in Maxim. The stocktake is then unlocked as soon as the user exits the stocktake on the handheld.

-Offline Stocktakes:

Offline stocktaking allows the user to download the stocktake to the handheld while on WIFI and then walk around throughout the site where WIFI may not be available or is patchy.

When you run the "Full Device Sync" function this downloads a prebuilt copy of your companies product file, this data is then used to validate scanned products.

This product file is rebuilt nightly automatically, ready for when you next run a full sync. The "Full Device Sync" process should complete within a matter of seconds however this all depends on how many stocktakes you have on the handheld and how many photos you have taken.

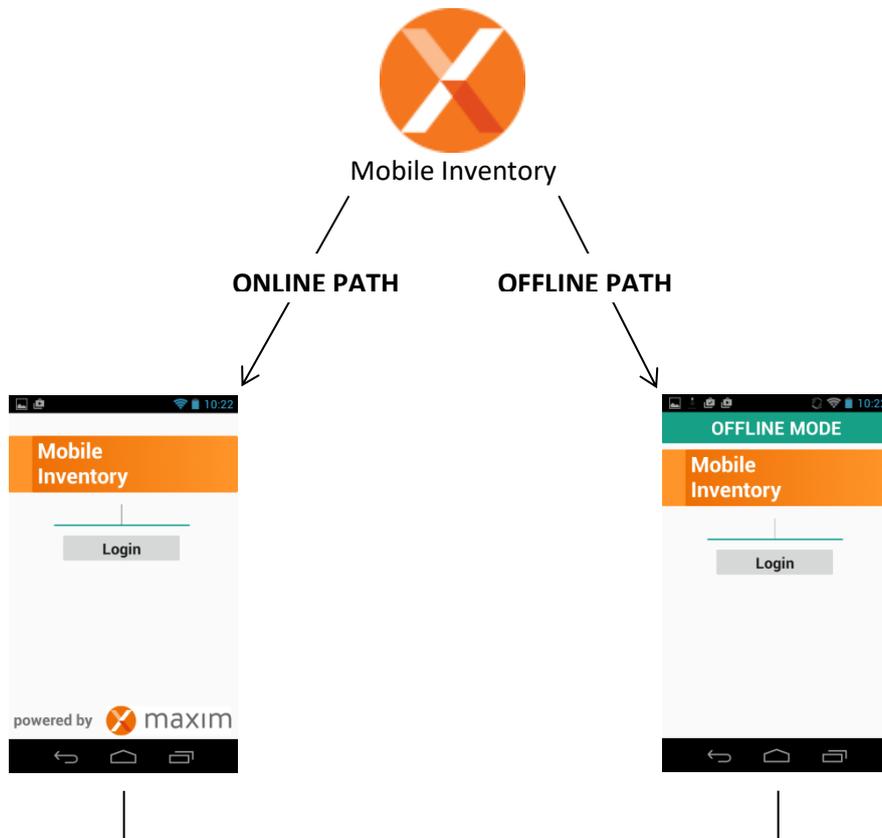
-Stock Inquiry:

Stock Inquiry is an online function allowing the user to check current live stock levels, outstanding Sales Orders and Purchase Orders across all locations in the business.

MULTI BIN STOCKTAKE PROCESS

When completing stocktakes for Multi Bin products, it is suggested that you download and fully process the stocktake before setting up and processing further BIN's. This ensures that the stocktake updates the SOH Quantity and further stocktakes pick up the correct SOH.

LOGIN / NAVIGATION MENU



Initially the user must login from a WIFI or 3g (Mobile connection), this and subsequent online logins downloads a copy of the mobile logins credentials table, to enable offline login user validation.



Users will be able to see what functions they can do when online vs offline. Functions like Stock Inquiry and Stocktake with WIFI are online functions.

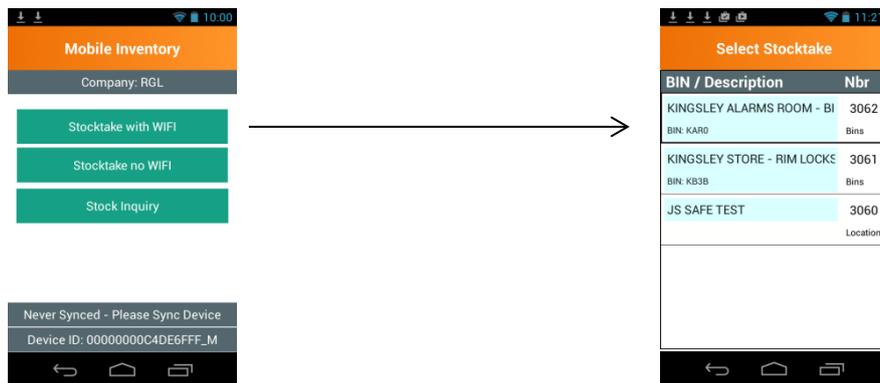
INTRODUCTION

Before you can download the stocktakes to your device you first need to set it up in Maxim. You can setup either a location stocktake or BIN stocktake both work with the handheld. Make sure you run the "Print Stock Sheets" process, you don't need to print it out however this report adds the relevant products to the stocktake.

From the device you will only be able to open stocktakes that:

1. Have not been completed
2. Are not downloaded on another handheld
3. Are in the current period

STOCKTAKES WITH WIFI



When you press the Stocktake with WIFI button the Select Stocktake screen will open, displaying all open stocktakes available to process.

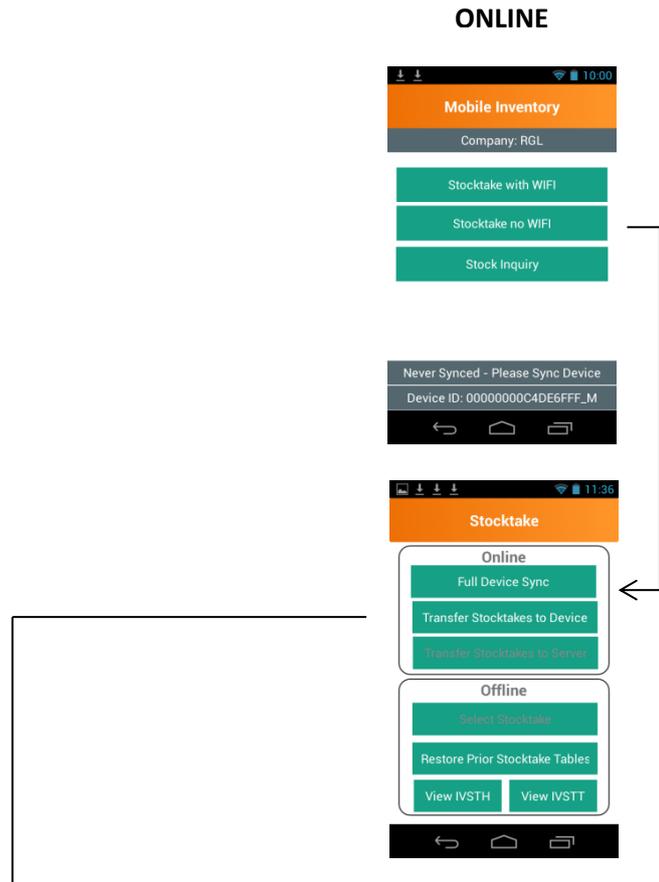
Click [Here](#) jump to the Processing Stocktakes section or go to the next page for Stocktakes without WIFI.

STOCKTAKES WITHOUT WIFI

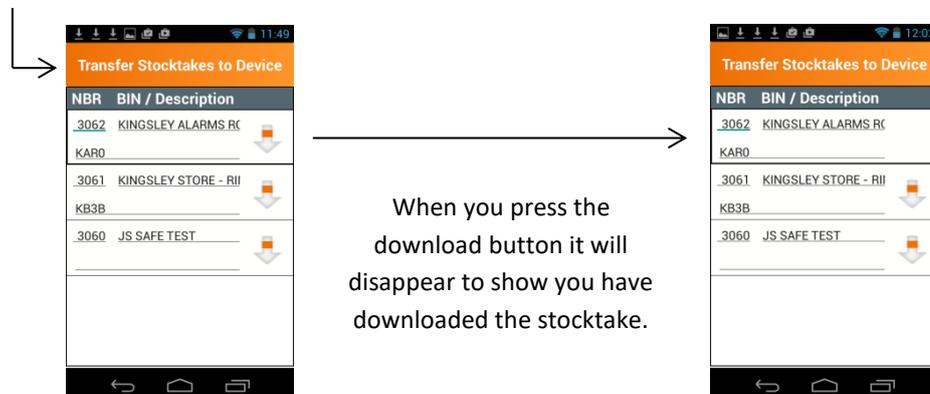
Before you can process an offline stocktake you need to download the product file to the handheld and transfer the stocktakes you are wanting to process. Both of these steps require you to be connected to WIFI, once these steps are completed you can move away from WIFI.

Step 1: Run the “Full Device Sync” process, this process:

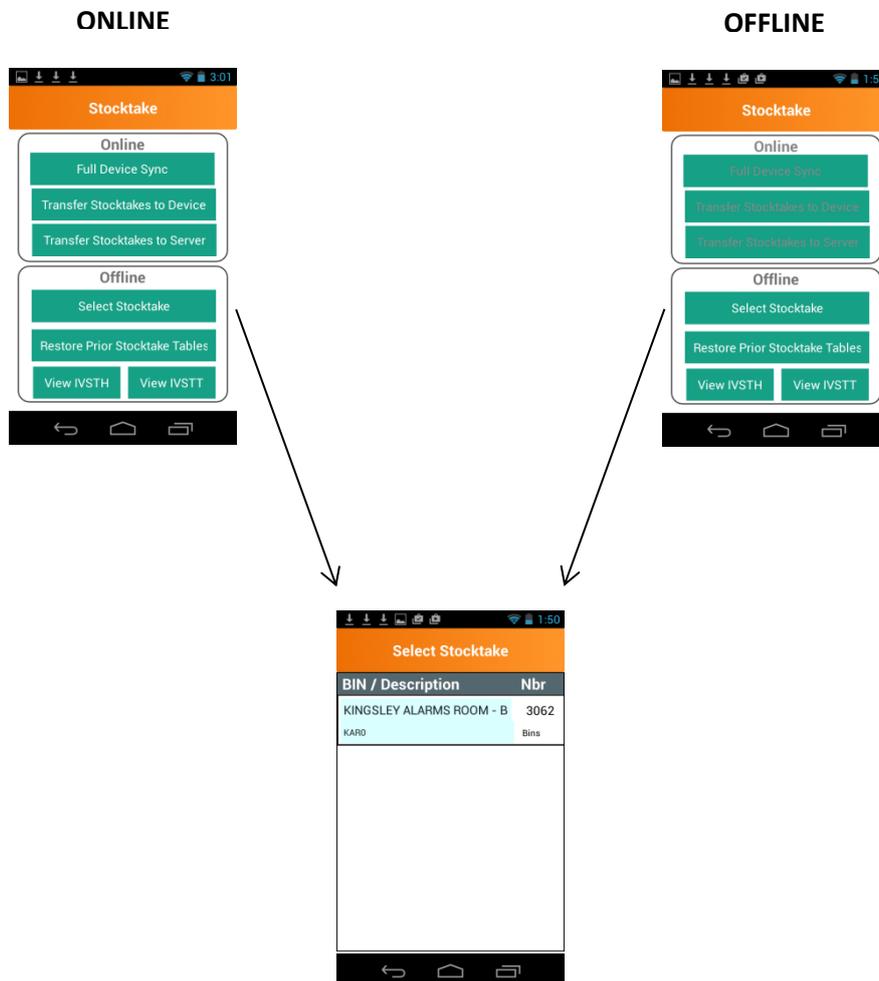
1. Backups the stocktakes on the device
2. Uploads the stocktakes on the device back to Maxim & then removes them from the device
3. Downloads the latest Maxim product file to the device.



Step 2: Run the “Transfer Stocktake to Device” process, this will bring up the screen to select what stocktakes you want to download to the device.



Now that you have downloaded the product file and stocktakes to the device, you can now either stay online or go offline to select and process the stocktakes.

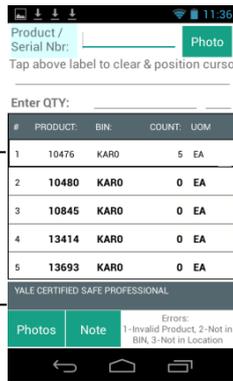


Pressing the stocktake will then open the screen to process the stocktake.

Click [Here](#) jump to the Processing Stocktakes section

PROCESSING STOCKTAKES

Products in the stocktake and products added to the stocktake will show up here.



When the user enters a product into the stocktake, the app will validate the product against the stock file.



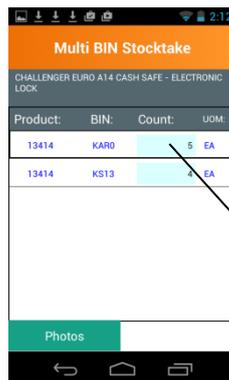
When you enter the count against the product the line will change from being bold to un-bold, indicating that this product has been counted.



MULTI BIN STOCK

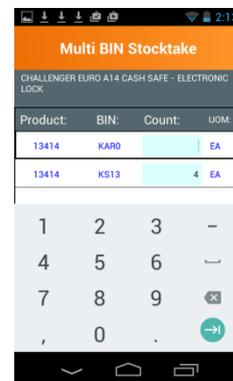


When you scan or enter a product that is in Multiple BIN's, the app will detect this and open the Multi BIN screen.



The Multi BIN Stocktake screen will list all the BIN's the product is in, the user must then go and count the product in all those BINS.

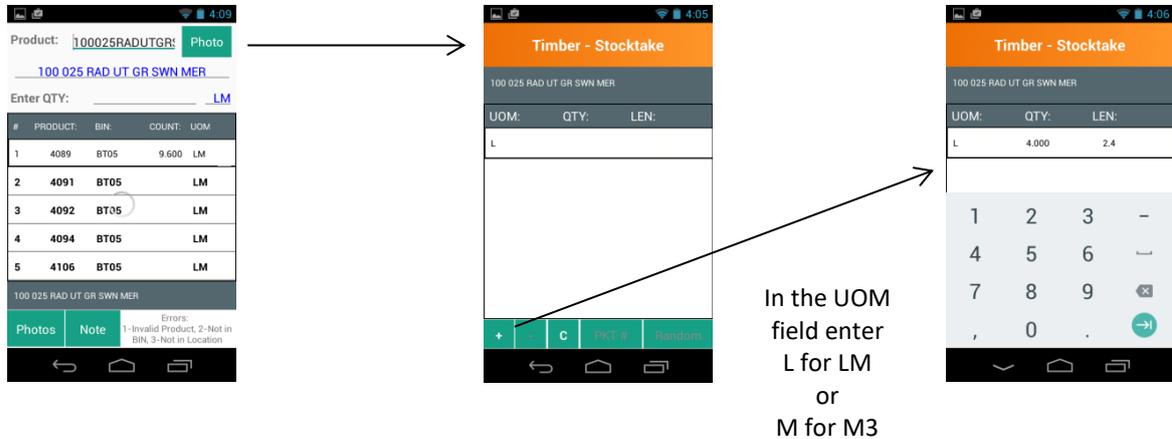
When the user taps the count field for the BIN, the keyboard will appear.



Multiple lines will be created in the stocktake, 1 line for each BIN.

TIMBER PRODUCTS (NOT PACKET TRACKED)

When you scan or enter a Timber product which is not packet tracked the “Timber – Stocktake” screen will appear. Here you can enter the quantities from the packets. When you exit the Timber stocktake screen the app will apply any conversion factors and total the packets into 1 stocktake line.



Press the + button to add a new packet line.



Press the – button to remove a packet line.



Press the C button to Cancel or undo any changes made to a packet.



When you have added a packet you can press the PKT # button which will bring up a note field allowing you to enter the packet number.



If the packet is a random packet you can press the Random button to identify the packet as random.

MULTI COUNT SCREEN



When you scan or enter a product that already has a count, the Multi Count screen will appear.

You can then press the + button to add an extra line to the count. When you exit the Multi Count screen the app will total the counts and update the 1 stocktake line.

This is useful if you have the product in multiple places within the same BIN.

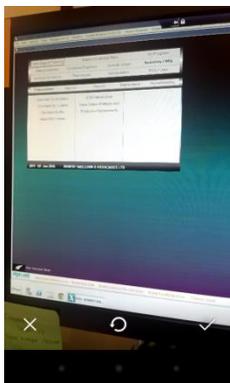
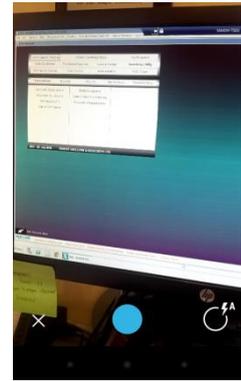
TAKING PHOTOS



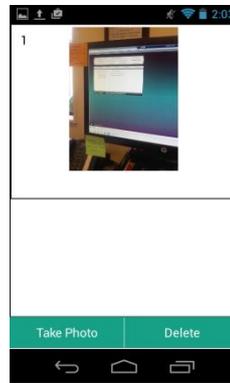
Pressing the "Photo" button opens the photo screen.



When you press the "Take Photo" button the camera app opens.



When you are happy with the photo, press the tick button, the photo will then be saved.



You can add multiple photos to the stocktake line.
You can delete photos if you no longer want them.

All photos are geo-tagged, meaning that a latitude and longitude is added to the photo, this will enable you to view from google maps where in the yard / store the photo was taken.

RESTORING LOST STOCKTAKES

Before your stocktake is synced to the server the Mobile Inventory App takes a backup of the relevant stocktake tables. If there is an issue where the connection is lost between the device and the server while uploading your stocktakes, you can restore your stocktake.

How do you know if there has been an issue?

Generally you will have received an error message when you pressed the "Sync Data" or "Transfer Stocktakes to Server" button and when you look at the stocktake in Maxim, it will still be showing as being on the handheld.

Instructions to restore the stocktake

1. Force close the Mobile Inventory App, by pressing the 2 rectangles button at the bottom of the screen to show the list of open apps.



2. Press and hold down on the Mobile Inventory App and slide to the left.



3. Make sure you are connected to WIFI and reopen the Mobile Inventory App, go to the Stocktakes screen, then press the "Restore Prior Stocktake Tables" button.



This will restore the stocktakes back onto the handheld, you can now try running the "Transfer Stocktakes to Server" process again.

STOCK INQUIRY

From the Mobile Inventory menu, the user can select “Stock Inquiry” button, then scan or enter a product.

The user will then be able to see the SOH and Retail Price of the product across all stores. This is especially helpful if you have multiple stores in the region, if you don't have stock in one store you could redirect the customer to one of the other stores that does have stock, or organise to get stock transferred from another store.

