

VERSION 1.0
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Apps for Greentree

2D BARCODED

APP NUMBER: 010147

Powered by:

MYOB Greentree

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FEATURES

1. 2D Barcode scanning.

This App allows 2D Barcodes to be scanned and interpreted on the Advanced Despatch Check Screen and all Serial/Lot number entry.

Data is encoded into a barcode based on the GS1 General Specification ([more info](#)), these barcodes can be 1D or 2D, the ability to read the barcode is dependent on the scanner.

The barcode will scan as a single string but can be broken down by referring to the GS1 General Specification. GS1 Barcodes have an identifier at the beginning that informs the scanner that the format is GS1 and that the data can be broken into sections with Application Identifiers (AI).

IMPORTANT NOTES

- We recommend that you test the configuration of the App thoroughly in a test system prior to deploying the App in your live Greentree system.

OTHER REQUIREMENTS

Greentree Modules: Inventory

Associated Apps: 010029 SO Despatch.

USER INSTRUCTIONS

2D BARCODED

This App provides the ability to scan a barcode instead of keying stock item data. It will extract and validate the data elements that are included in the barcode.

Please check ([here](#)) for a full description of how data is encoded into a barcode based on the GS1 General Specification.

The link to a Greentree stock item is through the GTIN which is held under Inventory Items Options.

Barcode	Unit	Narration	EDI EAN
08470006961292	EA		<input type="checkbox"/>
	EA		<input checked="" type="checkbox"/>

SERIAL LOT ENTRY

Serial Lot entry form is common to many forms e.g. PO Receipting and IN Transactions.

This screen allows the full barcode to be scanned rather than entering serial number.

Serial Number	Description	Qty available	Expiry date	Quantity
10@211243432		1.0000	12/05/18	1.0000

Entered full barcode is saved as serial number.

The serial number can of course just be entered directly.

GT Serial/Lot Number Entry

Inventory item: ZSerialTest Serial Item Location Transfer Test

Location: INTR Unit of measure: EA

Quantities: Required: 1.0000 Entered: 1.0000 Difference: 0.0000

Serial Number	Description	Qty available	Expiry date	Quantity
1243432		1.0000	12/05/18	1.0000

Buttons: Auto allocate, Auto generate, Suspense, OK, Cancel

DESPATCHING – CHECK FORM

This allows scanning of items to check that the correct serial/lot has been selected in the warehouse.

Order entry process uses the serial/lot selection form above.

GT SO Order Entry

Line # 1 Go Re-number Line Type Inventory Tax Type Exclusive Tax Code NZ GST Status Entered

Inventory Item
 Code ZSerialTest Desc Serial Item Location Transfer Test Tran Type Issue
 Location 01 UOM HOUR Price Bk RETAIL

Data
 Qty 0.0000 Disc % 0.00 Hold Tax % 15.00 Line Total 0.00
 Price 61.1925 Disc 0.00 Tax 0.00 Delivery Date 24/04/19

Cost 40.7950 Hold GP % 0.0000 GP

Discount 0.00 Surcharge 0.00 Net 0.00

No.	Type	Account/Code	Transaction Type	Price Book	Quar
1	IN	ZSerialTest	Issue	RETAIL	

Serial/Lot Number Entry

Inventory item ZSerialTest Serial Item Location Transfer Test
 Location 01 Unit of measure HOUR

Quantities
 Required 1.0000 Entered 1.0000 Difference 0.0000

Serial Number	Description	Qty available	Expiry date	Quantity
LN100001	8K100	2.0000	31/10/19	1.0000

Buttons: Auto allocate, Auto generate, Suspend, OK, Cancel

This is confirmed with the correct serial number barcode scanned.

Here an incorrect item has been scanned:

GT Advanced Check Form

Code 08470006961292 Serial LN100004 Add

To Be Packed

Line	Code	Description	Qty Rem

Packed

Code	Description	Carton	Quantity	Volume	Weight
ZSerialTest	Serial Item Location	1	1	100.00	50.00

Cartons
 Current 1
 New Cartor
 Total 1
 Print Labels

Carton Summary

+ Carton/Code	Description	Quantity	Volume	Weight
+ 1			100.00	50.00

Error
 Serial number LN100004 not found for inventory item ZSerialTest.
 OK

Code 129217190200108K100@21LN100001 Serial Add

To Be Packed

Line	Code	Description	Qty Rem

Packed

Code	Description	Carton	Quantity	Volume	Weight
ZSerialTest	Serial Item Locatior	1	1	100.00	50.00

Cartons

Current

[New Carton](#)

Total

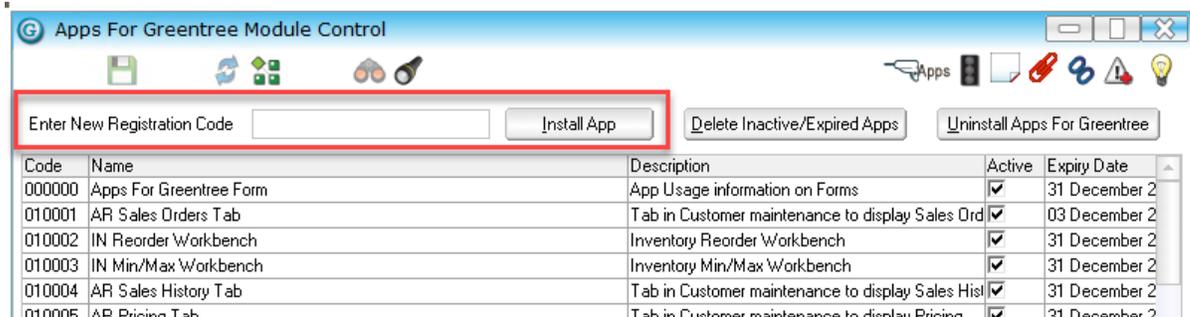
[Print Labels](#)

IMPLEMENTATION GUIDE

Please refer to the Important Notes section above before installing and configuring this App

APP INSTALLATION

1. Log into Greentree as the Super user
2. Select the menu item | System | Apps For Greentree | Apps Module Control |
3. Enter the New Registration Codes supplied and click Install App



4. Select/Highlight the 2D Barcoded App.
5. Click on the Edit Users button and select the users who will be configured to use the App, for which companies.
6. Save and Close the form.

OTHER GREENTREE CONFIGURATION

Not required for this App.

APP CONFIGURATION

1. Select/Highlight the 2D Barcoded App.
2. Click on the Change button

The only configuration required is identification of the separator character, although this will default to FNC1 if not defined.

The setup of a scanner involves converting this to a more readable character, but what is used is up to whoever sets up the scanners. Whatever this is needs to be entered as the separator here.

It signifies the start of a barcode, and the end of a component where variable length.

A barcode must have the first component as GTIN to be valid, length 16.

Following components may contain a date, batch number and serial number.

Note that the date component may be Production Date, Best Before Date or Expiry Date, depending on the identifier used. However only expiry date is currently implemented, length 6, YYMMDD.

The screenshot shows a software window titled "2D Barcode Control" with a purple header bar containing the "GT" logo and window control icons. Below the header is a toolbar with icons for save, refresh, share, zoom, and other functions. The main area contains a "Separator" field with "@" selected, a "Test a Barcode" field, and four stacked input fields labeled "GTIN", "Expiry Date", "Batch Number", and "Serial Number".

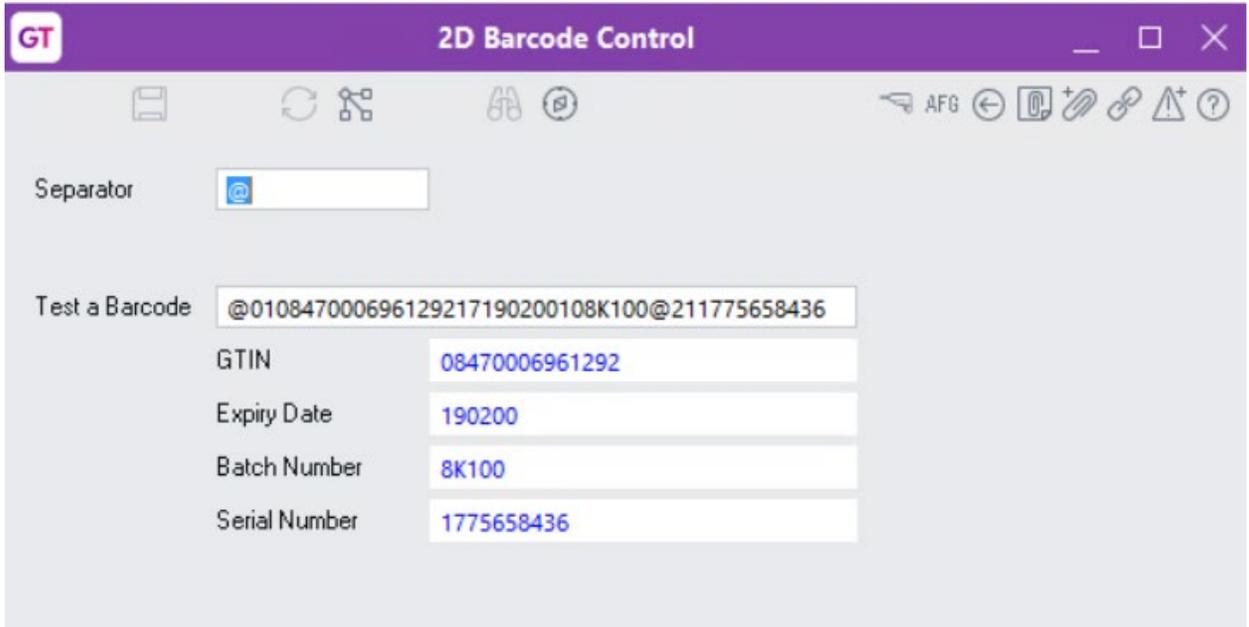
Separator

Enter character to be used as separator. The two characters following a separator indicate the type of data that is held by that component of the barcode.

Test a Barcode

Enter a barcode to be interpreted. Details will be displayed.

For example:



An expiry date is coded as YYMMDD. Where DD is 00, this signifies the end of the month, so in fact the expiry date for the example shown is 28/02/2019.

