VERSION 1.0 APRIL 24, 2019

# 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 (<u>more info</u>), 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 (<u>here</u>) 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.

GT			In	nvento	ory Item Options Maintena	ance	_ 🗆 X
		) ☐ Ø ℰ ₪ (					
Code	ZSerialT	est	Q	Descrip	tion Serial Item Location Trans	fer Test	Q
Bar	codes	Inventory Cod	le <u>A</u> lias [Al	KAs]	Substitute Inventory Items	<u>Companion Inventory Items</u>	Customer Alias
Bar	code			Unit	Narration		EDI EAN
084	70006961	292		EA			
				EA			

# **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.

GT		Serial/Lot Number Entry	_
	C	fi @	AFG ?
Inventory item	ZSerialTest	Serial Item Location Transfer Test	
Location	INTR	Unit of measure EA	
Quantities			
Required	1.0	000 Entered 1.0000 Difference 0.0000	
Serial Number	Description	Qty available Expiry date Quantity	Auto allocate
0@211243432	Q	1.0000 12/05/18 1.0000	
			Auto generate
			Suspense
			<u>о</u> к
			Cancel

Entered full barcode is saved as serial number.

The serial number can of course just be entered directly.

GT			Serial/	Lot Num	ber Entry			×
	C		fa @					S AFG 🕐
Inventory item	ZSerialTest		Serial Ite	m Location	Transfer Test			
Location Quantities	INTR		Unit of m	easure <mark>E</mark> A	4			
Required		1.0000	Entered		1.0000	Difference	0.0000	
Serial Number	Description	n Q	ty available	Expiry dat	e Quantity	1		Auto allocate
1243432	0		1.0000	12/05/18	1.0000	D		Auto generate
	~							Suspense
								<u>о</u> к
								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 Orde	er Entry					
000		38		@⊬	$\leftarrow$	$\rightarrow \rightarrow \uparrow $	Ť							P
													La	st Order Number
Sal	es Order		Line	item		Delivery De	tails	Custom	En	nail Tracker		Payment Details		
Line # 1	Go Re-nu	mber Lin	ne Type	Inventory	$\sim$	Tax Type	Exclusive $\checkmark$	Tax Code NZ G	ST Q St	atus Entered		0		
Inventory	Item													
Code	ZSerialTest	Q	Desc	Serial Iter	m Locatio	n Transfer Tes	t Q	IS Tran Type	Issue	2		Price History		
Location	01	Q	UOM	HOUR	Price E	k RETAIL	Q		Sales <u>History</u>			Stock Status		
Data														
Qty	0.0000		Disc %		0.00	Hold Tax %	15.00	Line Total	0	.00		Save Line		
Price	61.1925	Hold	Disc		0.00	Tax	0.00	Delivery Date	24 / 04 / 19 🛱			Cancel Line		
Narration							-					Kitset		
							GT		Seria	l/Lot Numb	er Entry			_ 🗆 X
Cost	40.7950	Hold	GP %	0.0	0000	GP		Q	æ G	D				S AFG 🕐
							Inventory item	ZSerialTest	Serial	tem Location Ti	ransfer Test			
							Location	01	Unit of	measure HOI	IR			
Discount	0.00	Surcharg	e	0.00	Net	0.00	Quantities							
No. Type	Account/Cod	ie	Transacti	ion Typ Prio	ce Book	Qua	Required		1.0000 Entered	1	1.0000	Difference	0.0000	
1 IN	ZSerialTest		lssue	RET	TAIL		Serial Number	Description	Qty availab	le Expiry date	Quantity			Auto allocate
							LN100001	8K100	2.00	00 31/10/19	1.0000			Auto apporato
							1	Q						Auto generate
														Suspense
														<u>O</u> K
														Cancel

This is confirmed with the correct serial number barcode scanned.

Here an incorrect item has been scanned:

эт					Advance	d Check Form					
		Code	08470006961292	Se	rial LN10000	4	Add				
o Be	Packed				Packed						
ine	Code	Descriptio	n Qty Rem		Code	Description	Carton	Quantity	Volume	Weight	
				Cartons	ZSerialTest	Serial Item Location	1	1	100.00	50.00	
				New Cartor Total 1 Print Labels			GT	Erro	r		
			3				not f	ound for inv	ventory		
Carto	n Summary						it	tem ZSerialTe	est.		
	Carton/Code	Description	Quant	ity Volume	Weig	ht		OK			
+											

GT					Advance	d Check Form					
		Code	129217190200108K100@	21LN100001 Seria	1		Add				
To Be	Packed			P	acked						
Line	Code	Descriptio	n Qty Rem		Code	Description	Carton	Quantity	Volume	Weight	
				Cartons Curren 1 New Cartor Total 1 Print Labels	ZSerialTest	Serial Item Location	1	1	100.00	50.00	

# **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

G App	s For Greentree	Module Co	ntrol							×
	8 🗳		ão 🝼			- Ap	ps 🚦		ମ 🕹 🕼 🤇	<b></b>
Enter N	ew Registration Code			Install App		Delete Inactive/Expired Apps	<u>U</u> nin:	stall App:	s For Greentree	]
Code	Name				Descri	ption		Active	Expiry Date	
000000	Apps For Greentree F	orm			App Usage information on Forms 🔽 31 Decr					
010001	AR Sales Orders Tab				Tab in	Customer maintenance to display Sa	les Ord	•	03 December 2	
010002	IN Reorder Workbend	ch			Invent	ory Reorder Workbench		•	31 December 2	
010003	IN Min/Max Workben	nch			Invent	ory Min/Max Workbench		<b>I</b>	31 December 2	2
010004	AR Sales History Tab				Tab in	Customer maintenance to display Sa	les Hisl	<b>I</b>	31 December 2	2
010005	AB Pricing Tab				T ah in	Customer maintenance to display Pri	cina		21 December 2	j l

- 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.

бТ		2D Barcode Control	_
G	0 %	# @	🤜 AFG 🕞 🗊 🧳 🖉 🚺
Separator	0		
Test a Barcode			
	GTIN		
	Expiry Date		
	Batch Number		
	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:	

GT		2D Barcode Control	_
	0 %	A @	∽ AFG ⊕ 🕞 🎾 🖉 🕂 🕐
Separator	@		
Test a Barcode	@0108470006961	29217190200108K100@211775658436	]
	GTIN	08470006961292	
	Expiry Date	190200	
	Batch Number	8K100	
	Serial Number	1775658436	

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.

GT				IN Inver	ntory Item Ma	ainte	nance	b)				_ 🗆 ×	
	ICK	GÐ (	@⊬ ↔	$\leftarrow \rightarrow -$	>					- AFI	6 🕞 [	JDRACO	
Code ZSerialTest	(	Descrip	tion Seria	al Item Locat	ion Transfer Tes	t	GT			Invento	ory Ite	m Options Maintena	nce
Main Defaults	Transactions	Custom M	Notes Sa	les History	Autoweight	Pro		8	≣ C %	GB (	@ (←	$\leftarrow \rightarrow \rightarrow \mid$	
Analysis code M	lisc		ANEOUS				Code	ZSerial	est	Q Descrip	otion s	Serial Item Location Transf	er Test
Decimal item unit 0	Decimal Places			~			Bar	codes	Inventory Code	<u>A</u> lias [AKAs]	Sub	stitute Inventory Items	Companion Invent
Type Se	erial Number			~			Ba	rcode		Unit		Narration	
Package Type	Format Alph	nanumeric 🗸	Leng	th 20			08	47000696	1292	EA			
Kitsets exist   Unit weight 50.00   Unit volume 100.0   Stocking unit EA   Stocktake details Cycle   Cycle Monthly   Location Net	000 0000 Q xt Stocktake Da	Stock ranki	riable lengt n diminish lent Item ep warranty ow negativ ing None e in Progre	h y details e available s:Last Stock	zake Date								
01													
02													
INTR													
QUAR													