

GoDex WebPrint installation

Installing WebPrint

Here is the link to download WebPrint

<https://godex.s3-accelerate.amazonaws.com/SqBgbx1wwi5G4r1uHKzruw.file?v01>

When it has downloaded, unzip the folder and open GoDEX_Setup.msi.
WebPrint wizard start.png

Work through the Wizard until Web Print is installed.

It should have created a shortcut in the start menu and the desktop. It installs by default to C:\Program Files (x86)\GoDEX\Web Print.

A PDF manual with the file name WebPrint_UM_en.pdf is also included in the install folder in GoDEX\Web Print\Sample

Start the application by opening the shortcut or opening C:\Program Files (x86)\GoDEX\Web Print\WebApiCtr.exe

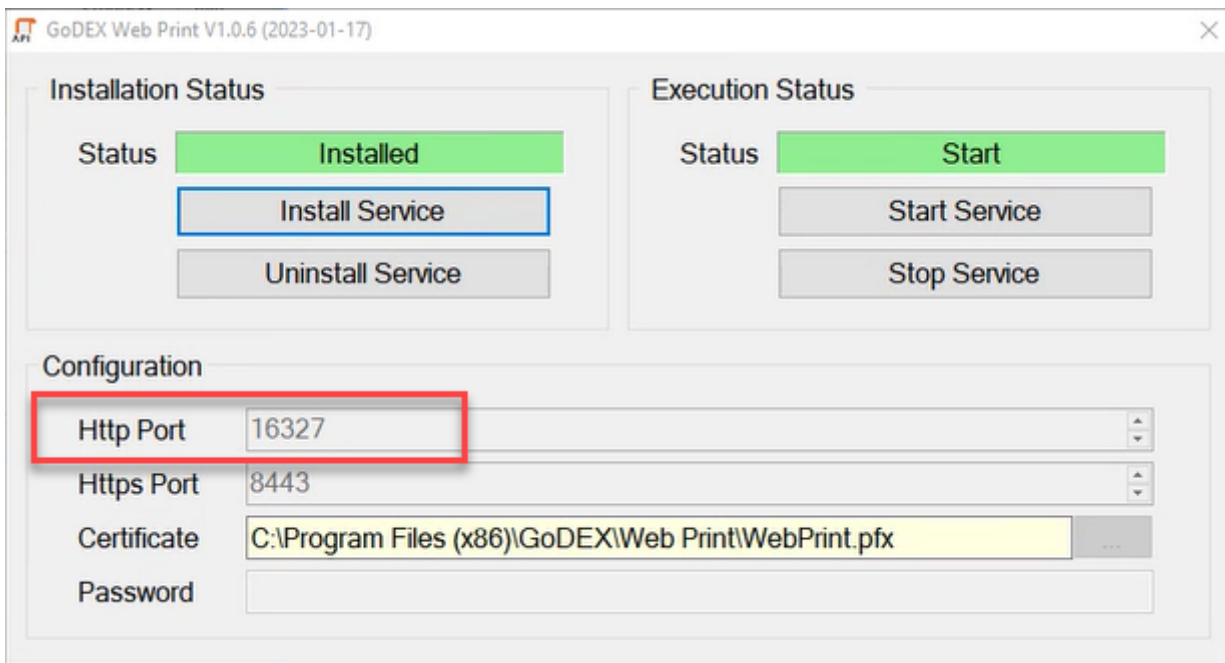
GoDEX Web Print service status.png

You can leave the defaults or change the Http Port to 8080, which I have also tried, if the default is already used.

Click "Install Service", it should automatically start the service. You can then close the window.

A port number that is unlikely to be used by other applications and services should be used if port 8080 is already in use. An example of such a port number is 16327. A list of assigned port numbers that can be searched for free port numbers can be found at

<https://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xhtml>.



It should have created a windows service that will start automatically when Windows starts. You can check if it is active by opening the application again.

Configuring the Firewall

If the firewall is blocking traffic to the local WebPrint server it will need to be configured to allow it.

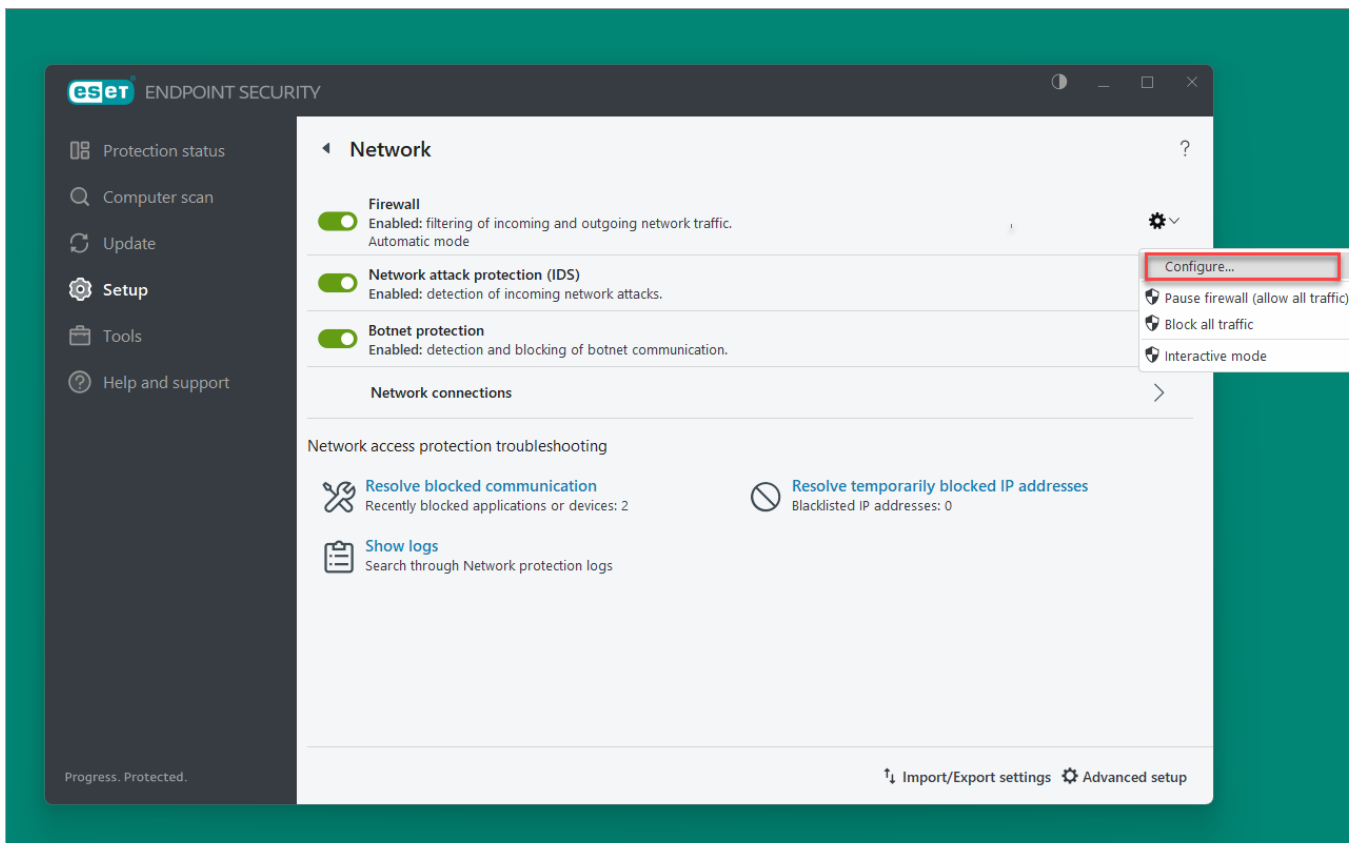
ESET Endpoint Security

Creating a new firewall rule

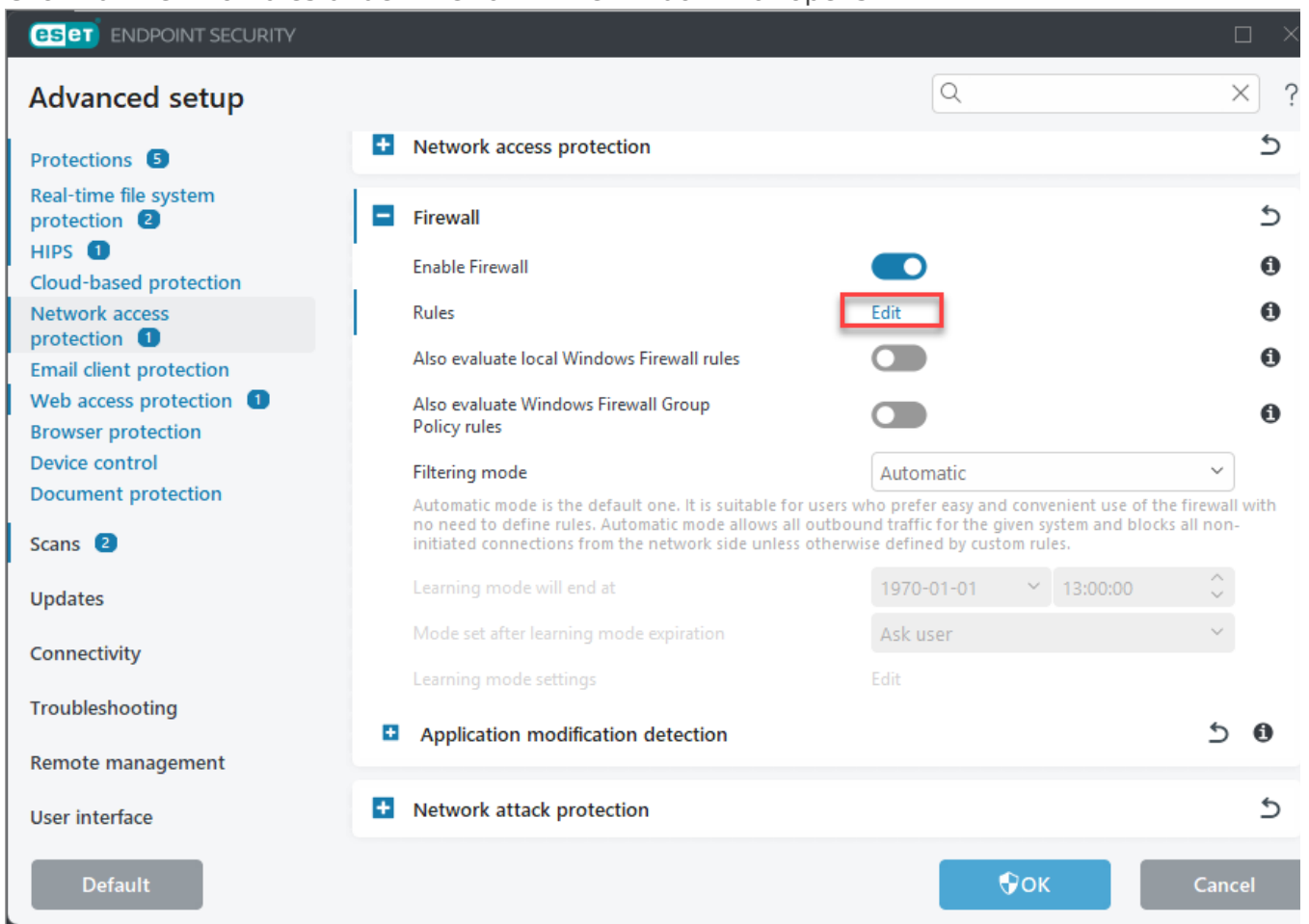
1. Open ESET, it can be found in the Start menu by typing in "eset", or by clicking its icon in the system tray in the taskbar.



2. Click Setup in the navigation menu, then Network, then the gear symbol in the Firewall section, and then click Configure in the context menu.



3. Click Edit next to Rules under Firewall in the window that opens.



4. In the Rules window that opens click the Add button in the lower left.
5. In the Add rule window:
 1. Set **Name** to something like "GoDEX WebPrint"
 2. Under **Action**, change **Block** to **Allow**
 3. Under **Application**, set Application path to `C:\Program Files (x86)\GoDEX\WebPrint\WebApiSrv.exe`
 4. Under **Local port**, set as **Port** `16237,16328` (without spaces) or the port numbers used by WebPrint.
 5. The other settings can be left with their default values.
 6. The settings should look like this:

The screenshot shows the 'Add rule' dialog box in ESET Endpoint Security. The dialog has a title bar with the ESET logo and 'ENDPOINT SECURITY'. The main area is titled 'Add rule' with a help icon. The 'Name' field contains 'GoDEX WebPrint'. The 'Enabled' toggle is turned on. Below are several settings, each with a plus icon on the left and a refresh icon on the right:

- Action:** Allow
- Application:** WebApiSrv
- Direction:** In
- Protocol:** TCP & UDP
- Local host:** Any
- Local port:** 16327,16328
- Remote host:** Any
- Remote port:** Any
- Profile:** Any

At the bottom right are 'OK' and 'Cancel' buttons.

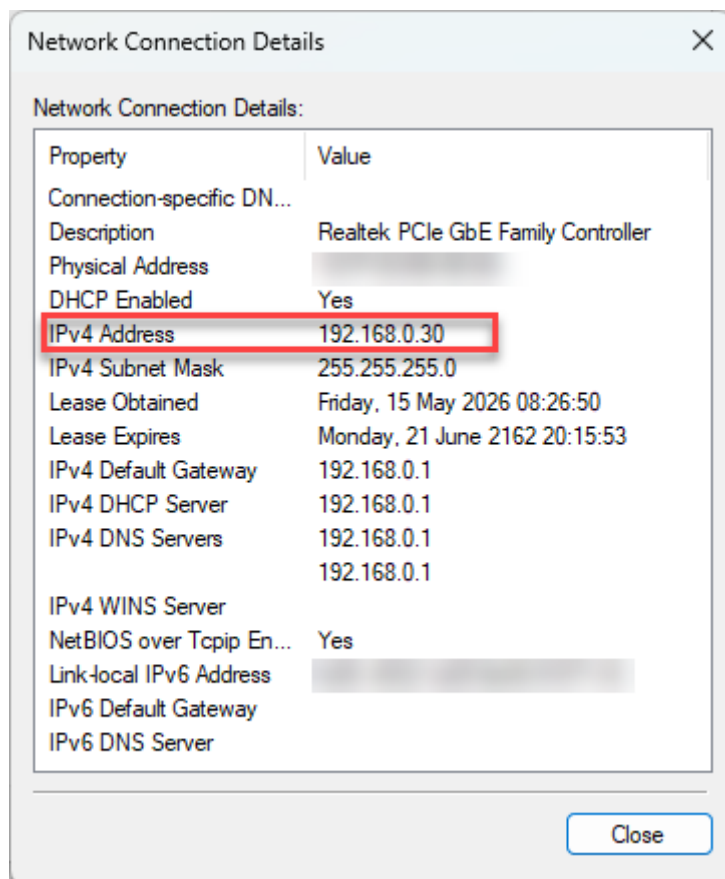
Click OK, then click OK in the Rules window.

6. Click OK in the Advanced setup window to apply the changes.

SCM Setup

To set up WebPrint for the app, the IP address of the computer it is installed to needs to be saved in SCM of the main system. You can also use 127.0.0.1 or localhost but this will prevent Web Print working from other devices on the network.

You can find the IP address of the computer in Control Panel, Network Connections by finding the adapter for the local network, clicking Status in the context menu, and then clicking Details in the general tab.



In SCM the IP address is saved in Printer Config form in Defaults, Inventory, Barcode Printing Style

System Configurati...

Administration

Company Profiles
Defaults **1**
Financial Periods Setup
Backups
Multicurrency
Multilingual
Custom Fields
Reference Values
Custom Period Setup
Imports
Emailing Schedule Setup
Export Schedule
POS Setup
Courier Setup

General

General Ledger Lin...

Security

System Defaults

Save Please Note: Remember to save your default setting before leaving this window.

System Defaults General Ledger Debtors Creditors Inventory **2** Webatar

Stock Adjust Type: STK/Level - STK/Level

Barcode Printing Style

Print Type: ☐ CSS ☒ Commands

CSS

Barcode RH Style: AltBarcodeForTestingOnly.css

Inventory: barcode.css

Assets: barcode.css

Commands

Templates Printer Config **3**

Inventory: Batch Tracking Grid 1

Assets: Assets Test

Scan: Scan Test

Debtors Doc: Debtors

Lab Samples: Lab1

Lab Tests: LabTest1

Job Item: PT Job Item 1

Wastage Item: WastageTest

Batch Serial No: Serial Test 4

SO Delivery Details: SO Delivery Test 2

Batch Tracking: Batch Tracking Grid 1

Inventory Expenses Property allocations fix

Item Recalculate on New: ☒

Item Recalculate on Edit: ☒

Item Recalculate on Receive: ☒

In the dialog, select WebPrint and then enter the IP address followed by a colon and the port number used by WebPrint. You can also include "http://" but this should be assumed by default in Webatar.

Setting the Print Mode to WebPrint will also affect barcode printing in the main system currently.

Edit Printer

Name: G500 Test Printer Make: GoDEX

DPI: 300 Print Mode: ☐ Print Dialog ☒ WebPrint

Default Print Label:

☒ Inventory ☐ Assets ☐ Scan ☐ Debtors Doc
☐ Lab Samples ☐ Lab Tests ☐ Job Item ☐ Wastage Item
☐ Batch Serial No ☐ SO Delivery Details ☐ Batch Tracking

Print Dialog Settings WebPrint Settings

Before closing the dialog, click the save button.

Testing WebPrint with its sample page

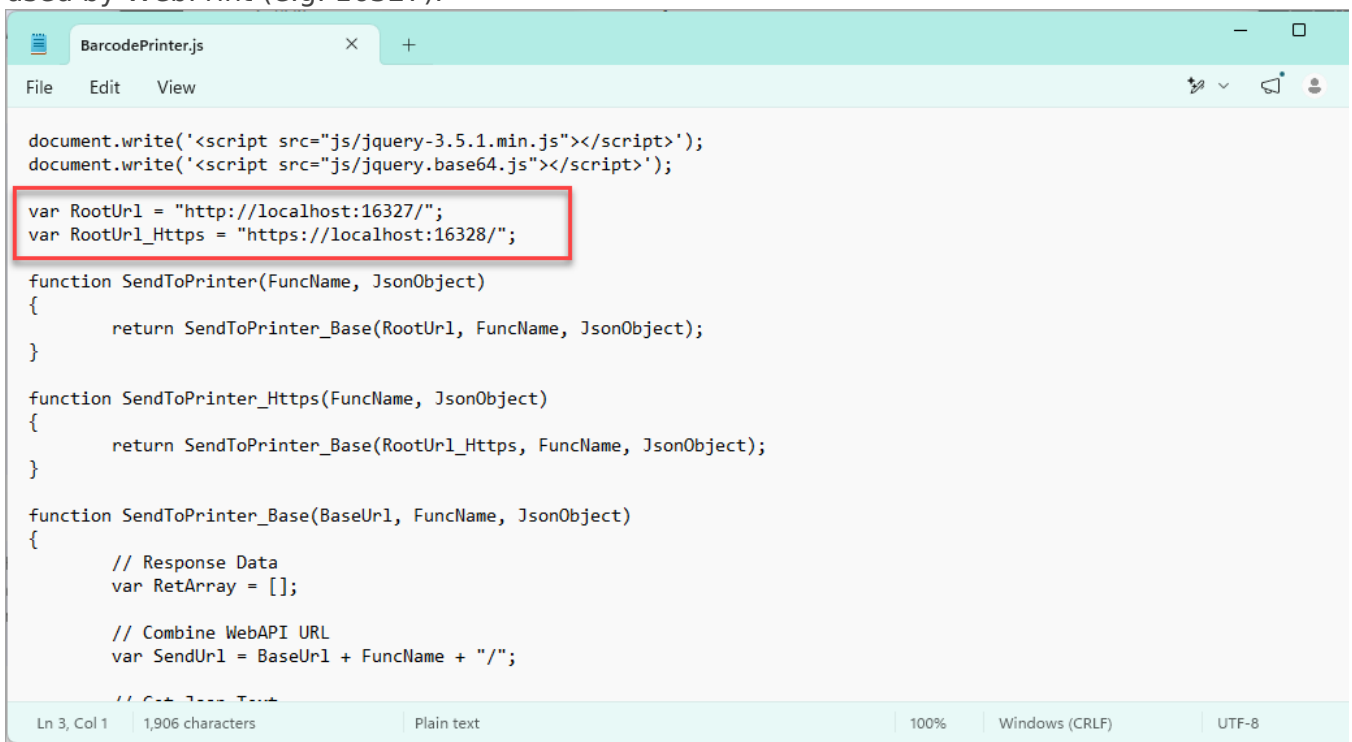
To test if WebPrint is working on the PC it is installed on (which is connected to the printer by USB):

1. If the HTTP or HTTPS ports were changed from the default in WebPrint then the next two steps are required, otherwise go to step X.
2. Open the JavaScript file in Notepad:

Press **Win + R** to open the Run dialog, type the following command, and press enter:

```
notepad C:\Program Files (x86)\GoDEX\Web Print\Sample\js\BarcodePrinter.js
```

3. Change the port numbers in the lines indicated in the screenshot to the port numbers used by WebPrint (e.g. 16327).



```
BarcodePrinter.js
File Edit View

document.write('<script src="js/jquery-3.5.1.min.js"></script>');
document.write('<script src="js/jquery.base64.js"></script>');

var RootUrl = "http://localhost:16327/";
var RootUrl_Https = "https://localhost:16328/";

function SendToPrinter(FuncName, JsonObject)
{
    return SendToPrinter_Base(RootUrl, FuncName, JsonObject);
}

function SendToPrinter_Https(FuncName, JsonObject)
{
    return SendToPrinter_Base(RootUrl_Https, FuncName, JsonObject);
}

function SendToPrinter_Base(BaseUrl, FuncName, JsonObject)
{
    // Response Data
    var RetArray = [];

    // Combine WebAPI URL
    var SendUrl = BaseUrl + FuncName + "/";

    // Get JSON Text
}
```

4. Save the file and exit notepad.
5. In a web browser go to [file:///C:/Program%20Files%20\(x86\)/GoDEX/Web%20Print/Sample/JavaScriptSample.htm](file:///C:/Program%20Files%20(x86)/GoDEX/Web%20Print/Sample/JavaScriptSample.htm) (paste into the address bar if clicking on the click does not work).
6. In the page that loads, select the interface, click Refresh, then select the printer.
7. Optionally set the label width and label height to the dimensions of the printer's labels although for printing a small amount of text it should be OK to leave it.
8. Click Print Text 1

GoDEX Browser Print Sample C x +

File C:/Program%20Files%20(x86)/GoDEX/Web%20Print/Sample/JavaScriptSample.htm

GoDEX Web Print Sample Code

Interface

☒ USB	☒ Automatic ☐ Specify GODEX G500#240306AD Refresh
☐ COM	☒ COM1 ☐ COM2 ☐ COM3 ☐ COM4 BaudRate 9600
☐ LPT	☒ LPT1 ☐ LPT2
☐ NETWORK	IP 192.168.102.100 Port 9100

Printer Control

~B

Send Query

Print Test

Label Width(mm) Label Height(mm)

Print Text 1	PosX(Dot) 10 PosY(Dot) 10 Font Size 24 Font Name Arial Print Text ABCDE
Print Text 2	☐ Bold ☐ Italic ☐ Underline ☐ Strikeout ☐ Inverse Rotate 0 Alignment Left
Print TTF (UTF8)	PosX(Dot) 10 PosY(Dot) 10 ID TA Print Text ABCDE

If successful a label should be printed.

Testing WebPrint from SCM

To check if WebPrint is working from the main system, you can use Print Test dialog, accessed by opening a Command Template to edit.

System Configurati...

Administration

Company ProfilesDefaults1Financial Periods SetupBackupsMulticurrencyMultilingualCustom FieldsReference ValuesCustom Period SetupImportsEmailing Schedule SetupExport SchedulePOS SetupCourier Setup

General+General Ledger Lin...+Security+

System Defaults

SavePlease Note: Remember to save your default setting before leaving this window.

System DefaultsGeneral LedgerDebtorsCreditorsInventory2Webatar

Stock Adjust Type:STK/Level - STK/Level

Barcode Printing Style

Print Type:

CSSCommands

CSS

Barcode RH Style:AltBarcodeForTestingOnly.cssBarcode Style:barcode.cssAssets:barcode.css

Commands

Template3Printer Config

Inventory:Batch Tracking Grid 1Assets:Assets TestScan:Scan TestDebtors Doc:DebtorsLab Samples:Lab1Lab Tests:LabTest1Job Item:PT Job Item 1Wastage Item:WastageTestBatch Serial No:Serial Test 4SO Delivery Details:SO Delivery Test 2Batch Tracking:Batch Tracking Grid 1

Inventory Expenses Property allocations fix

Item Recalculate on New:☒Item Recalculate on Edit:☒Item Recalculate on Receive:☒

Edit Template

×

Name:

Acc Grid 2

Description:

Accessories Grid Test 2

Printer:

Unassigned ▼

Label Types:

☒ Inventory
☐ Assets

☐ Scan
☐ Debtors Doc

☐ Lab Samples
☐ Lab Tests

☐ Job Item
☐ Wastage Item

☐ Batch Serial No
☐ SO Delivery Details

☐ Batch Tracking

Command Area Text:

Th:m:s

Dy2-me-dd

Th:m:s

AH,215,52,1,1,0,0E,ACCESORIES PRINT 2

AD,40,352,1,1,0,0E,ACC_CODE_01

AD,38,432,1,1,0,0E,ACC_DESCR_02

AD,952,824,1,1,0,0E,

BA3,38,196,3,8,80,0,1,BAR1

AD,800,376,1,1,0,0E,LAB1

AD,798,222,1,1,0,0E,DESCR1

AD,798,260,1,1,0,0E,CODE1

AD,50,552,1,1,0,0E,ACC_GRID(QTY,DESCR)

R38,602,1067,743,4,4

Lo,38,671,1067,674

Lo,404,602,407,743

E

Paste

Read File

Copy

Print Test

Save And Close

Save

Close

A Command Template needs to be created and saved first with the placeholder values in GoLabel II.

If Web Print is working, then clicking the Web Print button should result in the same barcode as you would get in GoLabel II but with the placeholder values replaced with the values in the fields of the Print Test form.

Print Test

Copies:
1

Inventory Code (ITEM1):

Barcode (BAR1):

Label (LBL1):

Short Description (DESCR1):

Long Description (DESCR2):

Customer Name (CUST1):

Job No (JOB1):

Customer Code (CUST2):

Printer Commands:

```
^XSETCUT,DOUBLECUT,0
^Q24,3
^W40
^H8
^P1
^S4
^AD
^C1
^R0
~Q+0
^O0
^D0
^E18
~R255
^L
Dy2-me-dd
Th:m:s
BA3,60,20,2,6,80,0,1,1234
E
```

Print Dialog

Web Print

Network Print

Copy

Close

Network printing setup

When printing to a network printer, ensure that a printer is setup with IP address

See below settings

Edit Printer



Name:

G500 Printer Home

Print Mode:

☐ Print Dialog

☒ WebPrint

DPI:

200

Default Print Label:

☒ Inventory

☐ Assets

☐ Scan

☐ Debtors Doc

☐ Lab Samples

☐ Lab Tests

☐ Job Item

☐ Wastage Item

☐ Batch Serial No

☐ SO Delivery Details

Print Dialog Settings

Driver Commands

Enable: ☐

Start:

End:

WebPrint Settings

WebPrint

Address: localhost:16327

Connection

Type:

☐ USB

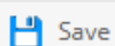
☒ Network

Network IP:

192.168.1.120

Network Port:

9100



Save



Save And Close



Close

Edit Printer

Name:G500 Printer Home

Print Mode:

Print Dialog

WebPrint

DPI:200

A

Default Print Label:

☒ Inventory

☐ Assets

☐ Scan

☐ Debtors Doc

☐ Lab Samples

☐ Lab Tests

☐ Job Item

☐ Wastage Item

☐ Batch Serial No

☐ SO Delivery Details

Print Dialog Settings

WebPrint Settings

Driver Commands

WebPrint

Enable:☐

C

Start:

End:

Connection

Type:

USB

Network

Network IP:

192.168.1.120

E

Network Port:

9100

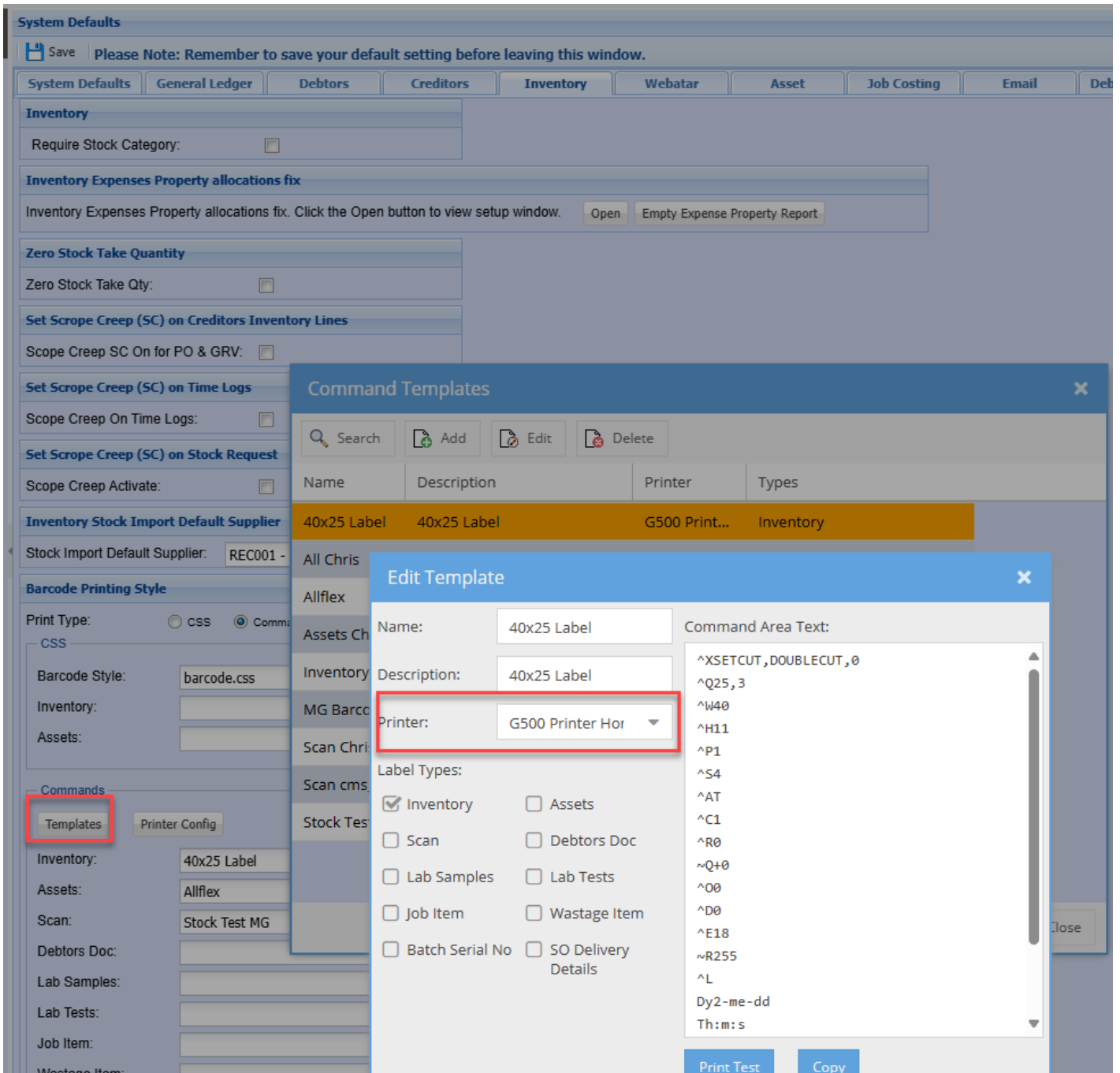
F

Save

Save And Close

Close

Once the new printer is setup for network, link the label to the printer



Revision #26

Created 17 January 2024 08:34:54 by Malcolm

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