Printronix Device Types YPTT4203 / YPTT4305 / YPTT4600 YPTT2203 / YPTT2300

The YPTT4203, YPTT4305, and YPTT4600 SAP device types were designed by Printronix Auto ID specifically for all PGL-based **Thermal printers** (with the exception of the T2N) and are compliant with all requirements for SAP R/3 compatible Device Types as defined in the SAP Printer Supplier Agreement. These three device types represent 203, 300, and 600 dpi respectively. These will be referenced as YPTT4xxx.

The device types YPTT2203 and YPTT2300 are specifically for the PGL-based T2N but have the same functions as the YPTT4xxx drivers. These two device types represent 203 and 300 dpi, respectively. These will be referenced as YPTT2xxx.

Once installed in the SAP system, the device type can be assigned to any number of PGL-based printers by the SAP System Administrator. The device type functions entirely within the SAP R/3 software system. It allows SAP users to print SAP Smart Forms documents conveniently from their SAP system, without the need to program or understand the printer's native PGL graphics language.

For more information on the Printronix PGL graphics language, please refer to the online manuals at the Printronix Auto ID web site <u>https://printronixautoid.com/support/downloads/</u>. The Printronix Printer Vendor Wizard Note is number 2370835. Please visit this SAP Note to obtain more information and any new updates.

Features:

The YPTT4xxx device types support all resident printer fonts, both in bold and italics print. Four styles of Unicode characters are available to use: Andale J, Andale K, Andale S and Andale T, which support Japanese, Korean, Simplified Chinese, and Traditional Chinese respectively, provided the appropriate font cartridge (T4M) or SD card (other models) is installed into the printer. These Andale fonts are <u>not</u> available for the T5r and are purchased as options for the other printer types.

Certain bar codes are also supported, which are listed in SAP note 2370835.

Support GS1 Class 1 Gen2 RFID EPC encoding and printing.

Graphical elements such as lines, boxes and logos are supported. Logos can be kept and maintained on the BDS system (Business Document Service) via transaction SE78. Refer to Appendix 2 for more information on graphics.

Different device types must be chosen based on model and print head dpi. Only the YPTT4600 supports 600 dpi. Verify which print head is installed before selecting a device type to use. The

difference between these two drivers is in how they handle logo scaling. Logos are sized differently depending on the dot resolution of the printer. More information on this topic is available in Appendix 2.

Limitations:

The following SAP features are not supported: List printing, SAPscript Layout Set generated output, printing of specialty symbols, Adobe forms.

SAP Versions: These drivers are compatible with the following SAP systems: SAP_BASIS 6.20 Support Package 64 and higher SAP_BASIS 6.40 Support Package 22 and higher SAP_BASIS 7.00 Support Package 16 and higher SAP_BASIS 7.10 standard SAP_BASIS 7.11 and higher Please refer to SAP Note 1097563 for more information on releases.

In the SAP system, a Device Type stores the information needed to generate a device specific, output-ready data stream. For printing devices, this includes such things as controls for font selection and formatting, character set selection, page size, bar code definitions, graphic object rendering and more. Please refer to online help "SAP Printing Guide (BC-CCM-PRN)" on SAP Help Portal for details.

The SAP system provides a list of "out-of-the-box" device types. Others such as the Printronix YPTT4xxx and YPTT2xxx device types are provided by individual vendors for support and maintenance. This document describes how to install and use these device types. Familiarity with the SAP System Administration screens (SPAD) will be required. Working knowledge of SAP Smart Forms is also required.

Appendix 1 provides step-by-step installation instructions for these Device Types.

DEVICE TYPE COMPONENTS

The YPTT4xxx and YPTT2xxx device types have the following logical components:

DEVICE TYPE AND ABAP LABEL PRINTER PDL DRIVER

These are the two main components that make up the complete device type. They make possible the conversion of the SAP generic output format of Smart Forms (SAPGOF) to the printer specific commands that are sent to the printer. The device type uses the properties and attributes resident in the definition to translate Smart Forms output format into a data stream that can be understood and printed by the physical printer. The ABAP PDL driver (Page Description Language), in conjunction with the device type settings, does the translation from SAPGOF format to the native printer commands.

Further information on SAPGOF can be found from SAP provided documents and specifications. The various components of the device types are listed below.

CHARACTER SET

The Device Types use character set 4131, which is for UTF-8 printing.

PRINT CONTROLS

Certain print controls are set up in the device types. These are standard print tokens which represent strings of printer commands. The printer commands can be tweaked to affect or enhance the output, but care should be taken when doing this as it may result in errors during output.

FORMATS

This component determines how the output will appear on the paper and primarily specifies paper sizes, such as INCH4 and INCH6. It allows Smart Forms output to construct a layout in portrait or landscape orientation in the printable area of the page. Supported formats include INCH2, INCH4, INCH5, INCH6, INCH7 and INCH8.

DEVICE INITIALIZATION

This component is a group of commands used to configure the output device for the requirements of the specific document in the print request. These configuration escape sequences, containing information such as CPI, LPI and fonts, are sent to the printer prior the initiation of an output data stream for the document. Device initialization is not used with device YPTT4xxx.

Printronix SAP Device Types: Bar Code, RFID, and Font Support

Printronix device types YPTT2xxx and YPTT4xxx provide SAP system users the ability to print Smart Forms documents utilizing the bar codes, RFID, and fonts that are resident and standard in the PGL-based Thermal Printers.

When the device type has been specified in the printer definition, the printer's bar codes, RFID, and fonts are made immediately available for use by SAP Smart Forms developers. All available bar codes are automatically mapped to the equivalent device-specific escape sequences that represent the bar codes in the output device.

Note: When a form is designed in SAP using Smart Forms, we suggest that the programmer examine the actual printout (hard copy) of the form on the target printer rather than view the print preview mode of the document in SAP. The placement of different types of bar codes can only be finalized with a visual inspection of the actual output.

Certain fonts and graphical images may also differ slightly in appearance from the preview mode versus the printed hard copy.

Refer to SAP Note 2370835 for information on supported bar codes, RFID, and fonts.

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Appendix 1

Installation, use and maintenance of the Device Types

Briefly, the steps for installation and use of the device type are outlined here:

- **Test** the printer outside SAP R/3 to verify its printing operation, network connection and printer resident settings.
- **Import** the Printronix device type/s using the Transport Management System (TMS) and SA38 utility.
- **Create** an Output Device for the SAP spooling system. This makes a logical connection between the Device Type and the physical device (printer).
- **Print** a test document from the application screen. Specify the output device name in the Print dialog screen. Many Smart Forms can be tested directly from the Smart Forms transaction with the built-in test feature.

The following procedures provide details of these steps. For demonstration purposes, device type YPTT4203 is used to illustrate the steps. The same procedures apply to the other device types.

Preliminary Printer Verification Stage: Printing Non-SAP documents in Non-SAP environment

This is to confirm that the host OS/printer attachment works properly outside of SAP. <u>This</u> enhances the assurance that the host operating system and the printer are correctly configured prior to creating the Printronix printer as an OUTPUT DEVICE to the SAP R/3 internal spool system.

SAP R/3 documentation strongly advises that the printer should be thoroughly pre-tested in printing Non-SAP documents in the host OS system without SAP. Typically, the host OS could be any one of these platforms: UNIX systems, Windows or Windows NT, AS/400, or IBM mainframe platforms.

After the "Printer's Requirements" above are satisfied, generate a few printouts to the Printronix printers from any non-SAP applications such as MS Word or any ASCII text editor. If no printouts were generated, check all connections to and from the printers. If all else failed, contact Printronix Support Group to resolve it. *Do not proceed any further!*

PROCEDURE ONE:

Install the Device Types to an existing SAP R/3 System

- 1. Set the LP+ printer emulation to P-Series from the printer's panel and the Active IGP emulation to PGL. The printer emulations should already be set properly by default. Next, print the printer's configuration from the printer's panel to make sure that the firmware is loaded correctly, and the Flash and DRAM installed memory satisfied the printer's memory requirement. Refer to the printer documentation for more details.
- 2. Save the current printer's configuration as the Power-up Config so that settings are retained whenever printer is turned off. The saved settings will load into the printer's memory when it is powered on. Refer to the Administrator's Manual of the Printronix printer for a complete procedure on how to accomplish step 1 and 2. Manuals can be found on the Printronix Auto ID web site at https://printronixautoid.com/support/downloads/.
- 3. Double-click the self-extracting device type file *xxxxx.exe* you have just download from the Printronix DEVICE TYPE DOWNLOAD PAGE. Note the path where this file is saved because you will be asked to specify the path during the import process of the device type. The package consists of seven files:

K001172.PVD, R001172.PVD:	ABAP PDL control and data files
YPTT2203.PRI, YPTT2300.PRI:	Device Type files for T2N
YPTT4203.PRI, YPTT4305.PRI, YPTT4600.PRI:	Device Type files for other models

These files need to be saved in a directory on your local system where they can be obtained when importing into SAP.

Name	Date modified	Туре	Size
K001172.PVD	3/25/2021 9:58 AM	PVD File	1 KB
R001172.PVD	3/25/2021 9:58 AM	PVD File	148 KB
YPTT2203.PRI	8/15/2019 4:42 AM	PRI File	2,600 KB
YPTT2300.PRI	8/15/2019 4:42 AM	PRI File	2,600 KB
YPTT4203.PRI	3/15/2021 2:00 PM	PRI File	2,657 KB
YPTT4305.PRI	3/15/2021 2:01 PM	PRI File	2,764 KB
YPTT4600.PRI	3/15/2021 2:02 PM	PRI File	2,657 KB

NOTE: It is advised to install all DPI versions onto your system for your target model printer. If you choose to install only one of the device types, you will still be required to use both ABAP PDL files (K001172.PVD & R001172.PVD). Importing these transport files is shown in PROCEDURE 2.

4. Start the SAP R/3 front-end client GUI. Log into the central instance of SAP Server with administrator rights. Type in your Username and Password. Press the *<ENTER>* key to continue to the next screen. The next few steps involve installing the device type files (.PRI file). More information relating to this procedure can be found on SAP Note 6427.

Menu Edit Favorites Extras System Help
◎ □ < □ < ○ < ○ < □ < □ < □ < □ < □ < □ <
SAP Easy Access
🕼 💽 🔀 🗛 Other menu 🛛 😹 🔀 🥒 🔍 🔺 🕼 Create role 🗍 🚳 Assign users 🗟 Documentation
SAP menu
Cross-Application Components Cross-Application Components Accounting Information Systems Tools

SAP R/3 System Screen

4. Start the *Program Execution* transaction SA38 by entering */nSA38* in the command line text box located just below the menu bar of the SAP R/3 System screen and press *<Enter>*. The screen should look very much like the illustration below.

l⊈ P <u>r</u> ogram	<u>E</u> dit <u>G</u> ot	to <u>U</u> tilities	System	<u>H</u> elp				
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ABAP: Program Execution								
🕒 🕀 Witt	h variant	🔁 Overviev	v of variant	s Backgro	ound			
Dragram	DCTVC	00						
Flogram	Norxou	dMF						

ABAP/4 Execute Program Screen (see SAP Note 6427 for more details)

6. The next series of steps outline the import procedure of the device type definition file to the SAP R/3 printing system. The same procedure applies to all Printronix device types. For illustration purposes, the YPTT4203 device type will be used to demonstrate.

Using transaction SA38("*ABAP/4: Execute Program*"), key in *RSTXSCRP* in the *Program* text entry box then click execute button to launch the device type definition import program. This program can also be accessed from transaction SPAD via the menu *Utilities -> For device types -> Export/Import*.

7. At the next window titled "SAPscript Export to Dataset / SAPscript Import from Dataset" shown below, select Device type option, key in YPTT4203 for Object name text field, enter IMPORT for Mode (EXPORT/IMPORT) option, select appropriate Control Parameters for File Operation depending on file location From/On Frontend, and key in cpath>YPTT4203.PRI in the File name entry field. When all fields are entered correctly, click on the execute button (F8) to start the import process. Ignore all other options.

SAPscript Export to Data	set / SAPscript Import from Dataset
Object selection and session ctrl	
O Style	
O Standard text	
Text ID ST	
Language EN	
Device Type	
Object name	YPTT4203
Mode (EXPORT/IMPORT)	IMPORT
Ctrl parameters for file operation	
From/on frontend	
O From/on application server	
File Name	C:ttemptYPTT4203.PRI
🔲 Binary file format	
Display File Contents	
Control of language versions	
Language vector	
Only export original language	

SAPscript Import from Dataset Screen

- 8. An "Open" dialogue box should be displayed. Navigate to where the extracted file was placed from step 3 above and select the file. Click the *Open* button.
- 9. When the import process is finished, an update message will be displayed in the current active window. Repeat the process for the second PRI file.

PROCEDURE TWO:

Importing of the transport files containing the ABAP PDL Driver

NOTE: Please read SAP Note 1103422 before commencing with these instructions.

1. Place the two transport files, K001172.PVD and R001172.PVD (actual names may differ slightly), into their respective locations for importing into SAP.

K001172.PVD is copied to the control directory and R001172.PVD is copied to the data directory:



👰 E:\usr\sap\trans\data 📃 🗖 🗙							
Elle Edit View Favorites Tools Help							
🔾 Back 🔹 🕘 🖌 🏂 Search 陵 Folders 🛛 🎉 🎶 🗙 🎾 🛄 -							
Address 🛅 E:\usr\sap\trans\data 💽 Go							
Folders ×	Name 🔺	Size	Туре	Date Modified	Attributes		
adfs 🔺	R000146.PVD	118 KB	PVD File	2/2/2009 5:30 PM	А		
🗄 🚞 Documents and Settings							
🕀 🛅 j2sdk1.4.2_24							
🕀 🚞 Program Files							
🗉 🧰 sapdb							
🕀 🛅 tools 👘 👘							
🗉 🧰 WINDOWS							
🕀 🛅 wmpub							
🕀 🥝 CD Drive (D:)							
🖻 🥯 New Volume (E:)							
🕀 🧰 sapdb							
🖃 🧰 usr							
🗆 🚞 sap							
🕀 🚞 ccms							
🗉 🧰 NSP							
🕀 🚞 prfclog							
🖃 🧰 trans							
🛅 bin							
🛅 buffer							
Cofiles							
🗁 data							
🕀 🧰 EPS							
🗀 etc							
🗀 sapnames							
Control Panel							

2. Importing the files is carried out with transaction STMS. The files (normally 1 data file and one control file) need to be imported into a development system.



STMS Initial Screen

3. Click on Overview -> Imports (F5). On the next screen select the system to import into by double clicking on it or clicking on it then pressing F2.

Import	Overview: Domain DOMAIN_NSP		
🛐 🖧 🗞			
🖶 Number	↑ of import queues: 2	02/12/20	10 13:46:53
Queue	Description	Requests	Status
CL5 🔘 NSP	Virtual System for Transport System NSP	0	*

4. Click on the transport file shown, then click on Extras -> Other Requests -> Add

S		Ē	Legend	Ctrl+Shift+F4	🕰 🗶 🐹 🗾 🕲 📑		
Import	t Queue: S	vste	n Personal Sett	ings Ctrl+Shift+F12			
		n I	<u>Other Reques</u>	sts 🔸	Add		
	7 % % % %	<u> </u>	🔨 🛛 Activate I <u>n</u> acti	ve Requests	Find in Other Groups		
Delete Imported Requests							
Requests for NSP: 0 / 1 02/12/2010 13:46:53							
Number	Request	RC	Owner	Short Text			St

5. The import queue is shown. Click the green check button.

다 Queue Edit Goto Request Extras Environment System Help	
Import Qualle: System NSP	
	*
Requests for NSP: 0	04.02.2010 15:19:55
I⊂ Add Transport Request to Import Queue	St
Transp. Request PVDK000146	
Import Queue NSP System NSP	
Import Again	
	¢
5	

6. A confirmation prompt will appear. Click 'Yes' to continue.

🖙 Queue Edit Goto Request Extras Environment System Help		
Import Queue: System NSP		
B Desuperte des NCD : 0	04.00.0010.15:10:55	Ç.
Generation for Nor. 0	04.02.2010 13.18.33	
Number Request RC Duner Short Text	st	
🖙 Add Transport Request		
Inport queue 1s enpty Transport Request PVDV000146		
attach to import queue NSP ?		
Yes No 🗶 Cancel		
		•
SAP		4

7. On the scheduling prompt, select 'Immediate', then click the green check button.

C Queue Edit Goto Request Extras Environment System Help	
✓ ✓ ✓ Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø	
Import Queue: System NSP 최 슈 당 육 역 당 쇼 수 관 국 군 승 유 유 바 또 또 한 대 요 Evimport Transport Request	× 04.02.2010 15:20:24
Transport Request PVDK000146 Printroniu driver 2.2 2009 (class + table entries Target System NSP System NSP Target Client 00110 Targ Client=Source Client Date Execution Options	St lass + table entries)
Start Date Immediate At Start Time Planned Start Other Event Event Parameters Parameters	6
	SAP 4

8. An additional prompt appears. Click the 'Yes' button to execute the import. The print driver is now ready to use.

년 Queue Edit Qoto Request Extras Environment System Help	
import Queue: System NSP	
51 A 7 4 9 7 6 6 7 8 A 8 8 8 6 8 8	
🔄 Import Transport Request	
Transport Request PVDK000146 Printronix driver: 2.2.2009 (class + table entries	04.02.2010 15:20:24
Target System NSP System NSP	St
Target Client 001 C Start Import	
Date Execution Start Date The dialog or batch process will bereleased all rhe import has been started. Immediate Import transport request PVCK000146 linko system Planned Start NSP client 01? Ves No Parameters Yes	
	SAP Q

PROCEDURE THREE:

Verify the import of the DEVICE TYPE in the SAP R/3 System

- 1. Start the Spool Administration transaction program **SPAD** by enter */nSPAD* in the command line text box located just below the menu bar of the current active window of SAP R/3 system. Press the *<Enter>* key or click on the check box adjacent to the command line text box entry.
- 2. At the "Spool *Administration Initial Screen*", select *Device type* option so that the radio button is ON and then click the *Display* button.
- 3. Scroll down the "List *of Device Types*" screen and locate the device type that you imported. If it is not listed, then repeat PROCEDURE ONE again.

Creating the Output Device

Each output device can only be tied to one single output device at a time. The procedure below shows the steps involved in creating the output device and linking it to the device type.

- 1. From the current active SAP R/3 system window enter the "System *Administration*" screen by keying in */nSPAD* at the command line text box entry located just below the menu bar.
- 2. At the "Spool Administration: Initial Screen" type in new printer name, then click on Display Display. The following screen will show an empty list.

	Spool Administration: Initial Screen				
2	Simple admin. Extend	ed admin.			
7					
	Devices / servers	Output management systems	DeviceTypes	Char 🚺 💶 🖿	
	Output Devices			Dieplay	
	Spool Servers			Display	
l	Access Methods			Display	
I	Destination Host			Display	
I					
I					

3. Click on the create icon to create the new output device.

Spool Administration: List of Output Devices (Change) (0 ent				
🐼 🤀 🗃 🛱 📮 🛅 🗅 🖶 🛤 🖉				
Dev. No entry defined	K Dev. type Spool servers	Location or message		

4. Click on the Device Type pull down arrow and select the applicable device type that you wish to use.

Ľ	Spool Administration: Create Output Device				
⊳	Output Device ZLABEL_PTR Short name Description				
	DeviceAttributes Access Method Output Attributes Tray Info				
	Device Class Standard printer				
	Authorization Group				

5. Fill in the remaining fields. Most importantly, these fields shown below:

Device Class: Standard printer (it should default to this value).

Spool Server: The name of the SAP Spooler Server.

Host Spool Access Method: This depends on how the printer is set up and the printer host system. Press F1 on this field for more information.

Host Printer: The name of the printer where it is defined in the host operating system.

Destination Host: The host machine where the printer is installed.

Location: Administrative information field, typically to describe the physical location of the printer.

Message: Administrative information field for SAP administrator to display the message to users.

6. When all the fields are correctly entered with appropriate entries, save the output device definition by selecting from the menu bar *Output device* \rightarrow *Save* or the save icon \blacksquare .

The Printronix Auto ID printer is now ready for Smart Forms output printing.

Reassign an existing "Output Device" in SAP for the Printronix printer

To change an existing output device to use another device type, use transaction SPAD to perform this. Enter the output device name, click 'Display' and you will enter the initial settings screen. If you're not sure of the device name, leave the field blank and click 'Display'. This will present you with a list of output devices to choose from.

Go into change mode by clicking the 'Change' icon \square , select a new device type, then click on the 'Save' \square icon.

The printer should now be ready for SAP document printing.

PROCEDURE FOUR:

Using the Printronix DEVICE TYPE

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Device types YPTT2xxx and YPTT4xxx can only be used with Smart Forms generated output. Smart Forms can be accessed using transaction code 'SMARTFORMS'. Designing forms using Smart Forms is beyond the scope of this document. A good place to start is the online SAP help (BC-SRV-SCR).

More information on Smart Form information sources can be found in SAP Note 526824.



Smart Forms Initial Screen

PROCEDURE FIVE:

Maintenance

In the event that it becomes necessary to support a device type, it is advisable to export the device type from the user system so that it can be analyzed to see what customer modifications, if any, have been made. Device type export is detailed below.

- 1) At the SAP Easy Access screen, enter transaction SA38
- 2) At the ABAP: Program Execution screen, Enter program **RSTXSCRP**
- 3) At the "SAPscript Export to Dataset / SAPscript Import from Dataset" screen:
 - Select the "Device Type" radio button
 - Enter the name of the device type to be exported in the "Object Name" field
 - Leave other fields at their default value
 - Enter (F8) to execute.

SAPscript Export to Dataset / SAPscript Import from Dataset

Object selection and session ctrl			
O Form			
⊖ Style			
🔿 Standard text			
Text ID ST			
Language EN			
Device Type			
Object name	YPTT4203		
Mode (EXPORT/IMPORT)	EXPORT		
Ctrl parameters for file operation			
From/on frontend			
From/on application server			
File Name	C:\temp\YPTT4203.PRI		
🔲 Binary file format			
Display File Contents			
Control of language versions			
Language vector			
🗌 Only export original language			

Device Type Export

- 4) A "save as" dialogue box should be displayed. Enter the name you wish to call the device type (e.g. *devicetype.pri*) and press Save. The file will be saved in the location specified.
- 5) If your download is being performed on a remote system via a WTS login, then transfer to your local desktop as follows:
 - 1. Go to Start -> Run
 - 2. Type \\client\c\$ or \\client\d\$
 - 3. Select the access level you need.
 - 4. Drag desired files to new window displaying local client folder.

Appendix 2

Installing and using logos with the device types

Graphic images can be stored and administered centrally in the SAP BDS (Business Document Service). Transaction SE78 provides a mechanism to upload graphic images and store them in SAP. Source graphic image formats can be in Bitmap format (.BMP) or Tagged Image Format (.TIF or .TIFF).

Administration of Form Graphics

 Form Graphics GRAPHICS General Graphics GRAPHICS General Graphics Stored as Text (Obsolete) 	

Graphics Administration initial screen

Importing graphic images into SAP

The procedure below lists the steps required to import a logo or graphic into SAP for use in Smart Forms.

- 1. Go to transaction SE38 (type /nSE78).
- 2. In the left section of the screen, expend the section called 'Graphics General Graphics'.
- 3. Double-click on BMAP Bitmap Graphics.
- 4. On the right-hand side, type a name for your graphic image. This is the name that the system will use to identify your logo. Select 'Black and White Bitmap Image'.

(Color images can be used, but image quality may suffer. A 'dot' pattern is used to represent color images). It is recommended to use black and white images.

Administration of Form Graphics

 ▽ □ Form Graphics ▽ □ Stored on Document Server ▽ □ GRAPHICS General Graphics □ BMAP Bitmap Images ▷ □ Stored as Text (Obsolete) 	Stored on Document Server Name Test Logo Image Image Image Image		

5. Click on the menu Graphic -> Import (F5).

🔄 Import Graphic		\times		
File name 🕴	C:\Documents and Settings\C5112529\SapWorkDir\	6		
Save as				
Name	TEST LOGO			
Description				
Туре	Black and White Bitmap Image			
	O Color Bitmap Image			
Print Attributes				
Resides in the Printer Memory				
🔽 Reserve Height A	Automatically			
Compression				

6. Locate the source file for the logo. In the File name selection, click on the pull-down arrow to browse for a file. The file can be in bitmap or TIF format.

Open					? 🛛
Look in	: 🞯 Desktop		1	1 🔊 📂 🔡	
My Recent Do My Recent Do Desktop My Documents DEVVDFM835	My Documents DEWDFM835 My Network Pla Font Metrics - I Font Metrics - (Test Logo.bmp	aces New Old			
3	File <u>n</u> ame:	Test Logo.bmp		Ē	<u>O</u> pen
Wy Network P	Files of type:	Windows Bitmap (*.bmp)		Ē	Cancel

- Once the file is located, click on it, then click the 'Open' button. Next click the 'Continue' ✓ button. A message will confirm that the file was imported.
- 8. The image can be viewed by clicking on the 'Print Preview' button 🖾. An image of the logo will display in the space provided.

Administration of Form Graphics					
Image: Stored on Document Server Image: Stored as Text (Obsolete)	Stored on Document Server Name TEST LOGO Black and White Bitmap Image Color Bitmap Image				
	Test Logo				

9. The image attributes can be displayed changed. Click on the 'Graphic Information' (F6) button
button . To change any of the attributes, click on the 'Attributes' button.

Administration of Form Graphics				
 ▽ □ Form Graphics ▽ □ Stored on Document Server ▽ □ GRAPHICS General Graphics □ BMAP Bitmap Images ▷ □ Stored as Text (Obsolete) 	Stored on Document Server Name ITEST L060 Image Image O Color Bitmap Image			
	Administration Created by C5112529 Date created 28.07.2009 Time 03:16:26 Description			
	Technical Attributes Resolution 75 DPI Size 3.52 x 1.12 cm	 Resides in the Printer Memory Reserve Height Automatically Compression 		
	Mattributes Attributes			

NOTE

It may take several iterations to size the logo correctly for it to appear as desired on the output. Of particular importance is the printer resolution.

For example: If you intend to print the logo to a 203 DPI printer, and you need the printed logo to be 1.5 inches in length, and 0.75 inches high, then make sure the drawn image is 300 pixels wide by 150 pixels high (1.5 * 300 / 0.75 * 203).

To control the size of the image, the resolution can be changed in the Smart Forms Graphic object. The image will be scaled according to the resolution of the device type (hence YPTT2403 or YPTT2203 will scale to 203 DPI). Image quality may suffer if the graphic is scaled too much from its original size.

Form ZPTT_BITMAPS	Graphic	TEST_L060
🗢 🗖 Global Settings	Description	New Graphic 3
Form Attributes		
🖹 Form Interface		
🖹 Global Definitions	General Attrib	utes Output Options Conditions
🗢 🗋 Pages and Windows		
🗢 🗋 FIRST First page	Name TES	ST L060
VIN4 Picture	Object GRA	IPHICS
🗢 💼 FACEWIN Face	ID BM4	
📝 FACE_GRAPH New Graph		
V in WIN2_SAPLOGO Picture		
🖻 🕒 MAIN_WIN Main Window	Iack and Whit	e Bitmap Image (BMON)
👂 🗋 NEXT Pages after FIRST	🔾 Color Bitmap Ir	nage (BCOL)
	O Determine Dyn	amically (BMON, BCOL)
	Technical Attribut	tes
	Resolution 26	IA DPT
	Resolution 20	

Smart Forms – setting the graphic resolution