

GXPRINT.INI Sections and Settings

1. Introduction

The GXPRINT.INI file contains only the settings required when the GX Print option is in use. The GX Print option is fully described in Technical Note IN259 which should be read in conjunction with this document. Although this document duplicates some sections of IN259 we include the sections and settings here for reference purposes.

At the time of writing the location (in the GX folder) and the name of the GXPRINT.INI file are both fixed. It is **NOT** possible to replace “GXPRINT.INI” by a GX.EXE command line override. Furthermore, a proposed option to allow the “GXPRINT.INI” file to be replaced by the filename defined by the GXPRINT%=*name* override in the GXHOSTS.INI file has **NOT** been implemented and is reserved for future use.

Important Note: The installation of the Global Windows Explorer (GX) does not create a GXPRINT.INI file. This file must be created if you are adding a GX Local Printer for the first time on a PC.

The GXPRINT.INI file contains a separate section for each printer number. For example:

```
[500]
Type=printer_type
Name=printer_name
various other settings for unit 500 (see below)
[501]
Type=printer_type
Name=printer_name
various other settings for unit 501 (see below)
etc.
```

2. GXPRINT.INI File Sections

The following sections are supported in the GXPRINT.INI file:

Section	Description
[5nn]	The individual [5nn] sections of the GXPRINT.INI file specify the settings for a single printer unit. For example, section [504] defines the settings for GXPrint printer 504.
[gdifonts]	GX V2.8, and later, support the [gdifonts] section in the GXPRINT.INI file for use in conjunction with the generic Font Selection Printer Control File (PCF) sequences.

3. Settings in the GXPRINT.INI File [5nn] Section

The various [5nn] sections of the GXPRINT.INI file specify the settings for a single printer unit. For example, section [504] defines the settings for GXPrint printer 504. The settings can range from [500] to [599].

3.1 Type

This **mandatory** setting specifies the type of printer. The remaining settings are dependent on how this is set. Only three printer types are currently supported:

DOSPrint	This is equivalent to the GSM (Windows) DOSPrint printer controller
WINPrint	This is equivalent to the GSM (Windows) WinPrint printer controller
GDI	GDI printer interface

All other types are ignored.

3.2 Name

This **mandatory** setting configures the printer name and is dependent on the printer type specified in the Type setting.

3.2.1 Name option for DOSPrint

For a DOSPrint printer type the following printer types can be specified by the Name option:

<i>Printer type</i>	<i>Example Name setting</i>
Device	LPT1:
File	C:\GSM\PRINT.TXT
Directory	C:\GSM\PRINT\

3.2.2 Name option for WinPrint

For a WinPrint printer type an explicit printer can be selected by setting up the Window printer name. Alternatively, **if no name is specified then the standard Windows printer dialogue will be displayed allowing the printer to be chosen.**

3.2.3 Name option for GDI

For a GDI printer type an explicit printer can be selected by setting up the Window printer name. Alternatively, **if no name is specified then the standard Windows printer dialogue will be displayed allowing the printer to be chosen.**

3.3 CreateNewFile

This setting is only interpreted for a DOSPrint printer.

This string setting specifies whether the print file should be re-created for each print or appended to. If the print file is recreated then the file will only contain the last Global print report. If the print file is appended, it will contain the entire accumulation of Global print

reports (and will have to be deleted using a Windows command e.g. using the Delete option in Windows Explorer).

The default setting is "Off". Valid strings that enable the option are "On", "True", "Yes" and "1". Valid strings that disable the option are "Off", "False", "No" and "0". All invalid strings default to "Off".

3.4 LFToLFCR

This setting is only recognised for a DOSPrint printer.

This string setting specifies whether a Carriage Return character (#0D) should be sent before each Line Feed character (#0A).

The default setting is "Off". Valid strings that enable the option are "On", "True", "Yes" and "1". Valid strings that disable the option are "Off", "False", "No" and "0". All invalid strings default to "Off".

3.5 RemoveCR

This setting is only recognised for a DOSPrint printer.

This string setting can be used to enable a File Editing function within the DOSPrint printer option within GX. When this option is enabled the DOSPrint printer option within GX removes trailing <CR> characters (0x0D) from the output print file.

This option is available for specialised data export and should be used with extreme caution. This option is documented for completeness only.

The default setting is "Off". Valid strings that enable the option are "On", "True", "Yes" and "1". Valid strings that disable the option are "Off", "False", "No" and "0". All invalid strings default to "Off".

3.6 RemoveLF

This setting is only recognised for a DOSPrint printer.

This string setting can be used to enable a File Editing function within the DOSPrint printer option within GX. When this option is enabled the DOSPrint printer option within GX removes all Line-Feed <LF> characters (0x0A) from the output print file.

This option is available for specialised data export and should be used with extreme caution. This option is documented for completeness only.

The default setting is "Off". Valid strings that enable the option are "On", "True", "Yes" and "1". Valid strings that disable the option are "Off", "False", "No" and "0". All invalid strings default to "Off".

3.7 RemoveFF

This setting is only recognised for a DOSPrint printer.

This string setting can be used to enable a File Editing function within the DOSPrint printer option within GX. When this option is enabled the DOSPrint printer option within GX removes trailing Form-Feed <FF> characters (0x0C) from the output print file. Thus, this option effectively removes hard page-breaks from the print file.

This option is available for specialised data export and should be used with extreme caution. This option is documented for completeness only.

The default setting is "Off". Valid strings that enable the option are "On", "True", "Yes" and "1". Valid strings that disable the option are "Off", "False", "No" and "0". All invalid strings default to "Off".

3.8 Timeout

This setting is only recognised for a WinPrint or GDI printer. This value allows a "close printer timeout" to be specified in seconds. Any value between 1 and 60 is allowed (a value of 0 implies no timeout). When the timeout period elapses the Windows printer is closed to allow Stationery Alignment patterns to be printed in real-time.

Please note that the related "FlushOnAlignment" setting is not supported by the WinPrint functionality within GX.EXE.

This setting defaults to 0 (i.e. the timeout option is disabled).

3.9 StartDocDataType

This setting is only recognised for WinPrint printers and is available to specify the "Data Type" of the document printed by the WinPrint functionality within GX.EXE.

There is no default setting.

3.10 StartPageAfterFormFeed

This setting is only recognised for a WinPrint printer. If this option is enabled the WinPrint functionality within GX.EXE will issue a StartPagePrinter function call after every Form-Feed character has been printed.

This setting defaults to Off.

3.11 SkipStartPageCall

This setting is only recognised for a WinPrint printer. If this option is enabled the functionality within GX.EXE will avoid both StartPagePrinter and EndPagePrinter function calls.

This setting defaults to Off.

3.12 IgnoreStartPageError

This setting is only recognised for a WinPrint printer. If this option is enabled the functionality within GX.EXE will ignore any errors that may be generated by the StartPagePrinter function.

This setting defaults to Off.

3.13 UseDevMode

This setting is only recognised for a WinPrint printer.

This option is reserved for future use.

This setting defaults to Off.

3.14 Font

This setting is only recognised for a GDI printer.

This setting specifies the **default** font to be used for printing. The general setting is as follows:

Font=font_name,point_size,weight,italics_flag

where the *font_name* selects the font (note this must be a fixed pitch font, e.g. Courier New), the *point_size* represents how large the characters will appear (72 point is required for most printers), the *weight* specifies how bold the text will appear (in the range 100 to 900 where 100 is faint, 900 is bold and 400 is normal) and the *italics_flag* specifies whether the italics version of the font should be used.

The default setting is:

Courier New,72,400,Off

Note that the default font can be overridden by a font setting in the [gdifonts] section when selected by an GDI Printer escape sequence in the Printer Control File.

4. Settings in the GXPRINT.INI File [gdifonts] Section

The settings in the [gdifonts] section of the GXPRINT.INI file allow the default font specified for a GDI printer to be overridden by an escape sequence defined in the Printer Control File for that printer. See technical note IN259 for full details of the GDI Printer Control File mechanism.

Note that the settings in this section are only recognised for a GDI printer.

4.1 Font1, Font2, Font3,..., Font40

Each of the font selection sequence in the GDI Printer Control File are used to choose from a range of up to 40 fonts that are configured in the GXPRINT.INI file. The settings in the [gdifonts] section are specified as Font1, Font2, up to Font40. As with the default font

setting in a GDI printer section (see section 3.14) the font parameters are specified as follows:

Font%=font_name,point_size,weight,italics_flag

where the *font_name* selects the font (note this must be a fixed pitch font, e.g. Courier New), the *point_size* represents how large the characters will appear (72 point is required for most printers), the *weight* specifies how bold the text will appear (in the range 100 to 900 where 100 is faint, 900 is bold and 400 is normal) and the *italics_flag* specifies whether the italics version of the font should be used.

For example:

```
[gdifonts]
Font1=Courier,72,400,Off
Font2=FixedSys,72,900,Off
```