

Open Date Equipment Ltd. Unit's 8 & 9 Puma Trade Park, Morden Road, Mitcham, Surrey. CR4 4DG

Tel:- 020 8655 4999 Fax:- 020 8655 4990 www.opendate.co.uk

"Codesoft 8.5 Pro" Overview Manual Thermocode Series 2

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<u>O</u>K

Foreword

Throughout this document, trademarked names may be used. Rather than put a trademark ($^{\text{TM}}$ or $^{\text{CM}}$) symbol in every occurrence of a trademarked name, we state that we are using the names only in an editorial fashion, and to the benefit of the trademark owner, with no intention of infringement.

This manual is a only a general overview on setting up the Thermocode Series 2 range of Thermal transfer printers, so they can be controlled & programmed from within the Codesoft software. If you experience any difficulties in setting up your printer, please contact your local supplier.

All Thermocode Series 2 printer's, use True type or Bitmap fonts that can be downloaded from within Codesoft. This enables all types of variable text and counter fields to be created and then controlled from within the printer software.

As well as this User's Guide & within the Codesoft software there are comprehensive "help" menu's that also assist in design of the required formats for printing.

Codesoft Installation

The Software may be supplied with a dongle, a Hardware Protection key. Which must be installed, in the **USB** port.

If no Hardware Key (dongle) is supplied, install the Software Key version.

Registration

Refer to the "Codesoft 8.5 Registration Document" before registering your version of Codesoft.

The Codesoft 8.5 CD will automatically load the software and display the dialog box shown below.



Click on "Install" and follow the installation instructions.

Codesoft Installation (Continued)

Click on the + to see the different futures.

Click on "This feature, and all sub features, will be installed on local hard drive.

🛃 CODESOFT Pro - InstallShield Wizard		🔀 CODESOFT Pro - InstallShield Wizard	
Custom Setup Select the program features you want installed.		Ready to Install the Program The wizard is ready to begin installation.	
Click on an icon in the list below to change how a feature is	installed.	Click Install to begin the installation.	
CODESOFT Pro CODESOFT Pro Printers Templates Labels Tutorial	Feature Description This feature requires 34MB on your hard drive. It has 4 of 4 subfeatures selected. The subfeatures require 141MB on your hard drive.	If you want to review or change any of your installation setting exit the wizard.	s, click Back. Click Cancel to
Inscall to: C:\Program Files\Open Date\Codesoft 8\	Change		
InstallShield		InstallShield	
Help Space < <u>B</u> ack	Next > Cancel	< <u>B</u> ack	Install Cancel
	7		~
Click or	"Next"	Click on "Install"	
	Follow the Installation	on Instructions.	

Possible Error's

When Installing Codesoft 8.5 and you get any of the following shown, Click on "OK"

You will need to install the required files requested within the "InstallShield Wizard"





When this Dialog box appears Click on "Finish"

Codesoft Installation (Continued)



You may have to install one or more of the above files installed on the CD.

Click on Install, to install the English version. (Click on Language to change)

These links may also be of help.

(Explorer) http://www.microsoft.com/windows/products/winfamily/ie/default.mspx

(MDAC) http://www.microsoft.com/downloads/details.aspx?FamilyID=78cac895-efc2-4f8e-a9e0-3a1afbd5922e&DisplayLang=en

Main Screen Layout

After installation the main page layout is this, and can be customised to your own requirements (Pick and Place with the mouse)

Scodesoft 8.5 Pro (DEMO) - [Document1]	
ဖြို့မြို့မြို့မြို့မြို့ Edit View Object Datasource Tools Window Help	_ @ ×
	× ×
	Database(0)
	Date(0)
	Form(0)
	Table lookup(0)
	Free(0)
-	
3	
40	
50 -	
_	
60	
	Data Sources Objects
\\OPENDATEW51\HP_Officeiet_7300_Ne03: x,v: 33.49.21.87_cx,cv:	

Through out this Overview the main page layout are shown as below the same as Codesoft 6.



Printer Set Up

After Codesoft 8 Premier has been installed. You must set up the model of Printer being used.

Click on the icon button showing a printer highlighted with a question mark.

CODESOF		5 Pro	(DE	MO)	- [D	ocum	ent1]							
🙆 Eile Edit		Obje	ect (<u>D</u> ata s	source	e <u>T</u> oo	ls <u>W</u> ir	ndow	<u>H</u> elp					
🗅 😅 🖬	3	ا هڪ[₽			ն ն	<u>)</u>			₽	¢.	٥	ŧ	
🕮 XX 12	(în)	FE:	Q											Ŧ
							••••	Å		ilii	1			20
📗 💬 彈 Datab	ase(0)						0 -	<u> </u>					

The Dialog Box below will appear. Click with your mouse on "Add"

rinter				
Name	Port			Settings
\\OPENDATEWS1\HP Officejet 7300 se.	. Officejet730	l0ser		<u>com</u>
				Remov
				<u>A</u> dd
				<u>P</u> ort,
		ок	Cance	Help



Printer set Up (continued)

Before clicking on "**OK**" The printer communication settings have to be set up.

			Click your mouse on "COM"
Printer			
Name	Port	Settings	
\\OPENDATEWS1\HP Officejet 7300 se	Officejet7300ser ->COM1:	<u>⊆</u> 0M	
IhermoCode 1075	->COM1:	Remove	
		<u>A</u> dd	
		<u>P</u> ort	"Port" allows the user to change
			the port if required.
	OK	Cancel <u>H</u> elp	

All the Thermocode Series 2 Printers, have a maximum Baud rate of **115200.**

COM1 Properties	
Port Settings	Bits per second = 115200
Bits per second: 115200	Data bits = 8
Data bits: 8	Parity = None
Parity: None	Stop bits = 1
Stop bits: 1	Flow control = Hardware
Elow control: Hardware	
<u>R</u> estore Defaults	
OK Cancel Apply	—— On completion click on " OK "

Set Port Settings as: -

This printer dialogue box will now be seen.

Printer		
Name	Port	Settings
\\OPENDATEW51\HP Officejet 7300 se	Officejet7300ser ->COM1:	<u>⊆</u> 0M
ThermoCode 1075	->COM1:	Remove
		<u>A</u> dd
		<u>P</u> ort
1	ОК	Cancel <u>H</u> elp

Then click on "OK"

Page Set Up

Page Set up (maximum Print area), Click on the icon displayed as a page with the Ruler.



This Dialog Box will appear. Ignore the warning message in red and label page size. Enter the Printer Type and the Model name of the Printer. Then Click on "Label"

sge setup					
Stock Laber Pag	ge Margins	/			
Туре 🌥	Thermocody				-
Name	535				-
	,	Previ	ew		
Number of labels :	1				
Label size :	106.60 × 106.60(mm)				
Page size :	Customized 106.60 × 106.60(mm)				
Comment					
		<u></u>	ave	Rer	nove
Page height too big					
Settings		_	Cancel	1	Help

The Dialog Box will change enter the width and height of your Print area. (See chart below)



Labels per column = 1

Page Set Up (continued)

Select "Page" ensure that "Automatic sizing" is checked.

Page setup	X
Stock Label Page Margins	1
Automatic sizing	
Page size(mm)	Preview
Width 53.30	
Height 53.30	
C Landscape	
OK	Cancel <u>H</u> elp

Click on "OK" to save the page and sizes.

Alternatively you can save the label with some comments.

Stock Label	Page Margins		
Туре	Thermocode	•	1
Name	535]
Number of labels Label size : Page size :	5 : 1 53.30 × 53.30(mm) Customized 53.30 × 53.30(mm)		-
Comment			
		Save Remove	
		Const L units	

You can add Comments with in this Box if required.

"Click on Stock"

Configuration of saved Formats (label designs)



Check the first two boxes shown. directory.



This dialog box you can change file path or

The default folder "Documents and settings"

otions	
Printing Document Display	Others Wizards Default folders User tools Grid
File type	Path
Documents (*.LAB)	d Settings\All Users\Documents\Teklynx
Images (*.BMP,*.PCX,)	C:\Documents and Settings\All Users\Docum
Describer (*.DSC)	C:\Documents and Settings\All Users\Docum
Print out files (*.TXT)	C:\Documents and Settings\All Users\Docum
Shared variables (*.FRE *.Fr	C:\Documents and Settings\All Users\Applic
User settings file (USER.INI)	C:\Documents and Settings\All Users\Applic
Data (*.TXT)	C:\Documents and Settings\All Users\Docum
Specific Formulas (*.DLL)	C:\Documents and Settings\All Users\Docum
[OK Cancel <u>H</u> elp

Click on "OK" to save settings.

For further information on the other check boxes and menus click on the Help.

This dialog box you can select the help Wizards.

The set up in this manual is with out

2 February 2009

Options 🛛	Options
Document Display Default folders User tools Grid Printing Others Wizards Select the Wizards to be used Image Wizard Image Wizard Image Wizard Image Wizard Image Wizard Image Wizard <td>Document Display Default folders User tools Grid Printing Others Wizards Select the Wizards to be used </td>	Document Display Default folders User tools Grid Printing Others Wizards Select the Wizards to be used
OK Cancel Help	Select all Unselect all

Click on "OK" to save settings.

For further information on the other check boxes and menus click on the Help.

Saving a Printing the New Format (label design)

Click on the Disk Symbol to save the new format.



Continued on next Page.

Saving and Printing the New Format (label design)

This Dialog Box appears if using the default folder.

Save As	? 🔀
Save jn: 📋 My Documents	- 🖬 🍅 🖬 -
Commander	🕮 My Videos
Envirowwise_Wee	
🚞 My eBooks	🛅 Viking Direct - Order History Detail_I
📸 My Music	🚞 work
C My Pictures	🛃 BC test6 nov25.Lab
C My Received Files	Carteolol RSS.Lab
File <u>n</u> ame: Document1.Lab	<u>S</u> ave
Save as type: Labels (*.Lab)	Cancel
Enter the file name you re	equire.

Then click on save.

Click on the Print Symbol to send the format to the Printer.

🖉 CODESOFT 8 Pro (DEN [Docume	ent1]	- 7 🗙
Eile Edit View Object source Ic	ools <u>Wi</u> ndow <u>H</u> elp	_ # ×
D 🗃 🖬 🎿 🏷 🕂 🕒 🗶 🕞	▶ 3 ㅋ ㅋ ● ◆ ◇ ◇ ◇ ◇ → > ▶ 5 = 2 → 4 明祭問習 告 答言 4 5 5 7 → > 5 = 5	
🗵 XX 12 🎓 🗄 🔾 💷	- 15 - JEEE E E J VAN MAN	•
Database(0) Date(0) f(ω) Formula(0) Form(0) Table lookup(0) Counter(0) Free(0)	Test Text 1234567890	20 130

This dialog box appears Click on "OK"

		\backslash
Print		
Quantity Labels Copies of each label Copies of each page		OK Cancel Preview Help
Total Printer ThermoCode 107M,->COM1:	1	Settings More >>

Printer Settings (General Menu)

Forward

The Printer settings are very important, ensuring that the print quality is optimised for product being printed.

Ideally you should leave the values Burn, Pressure, Speed and Home offset as the defaults that have loaded with the software. Once a test print on the substrate to be printed has been done, fine-tuning can take place to suit your required application.

Click on the icon that shows the Printer with the Spanner, the printer settings dialog box is then shown.

CODESOFT 8 P (DEMO) - [Document	41	
	Printer settings - ThermoCode 107M	
Eile Edit View Ect Data source Ioo	General Advanced Fonts	
🗅 🖙 🖬 🎿 🔊 🖶 📇 🛝 🗅 🕯	Use resident printer settings	1
🕱 XX 12 🍙 👎 Q	280 Grow A to B	2
	25 Pressure (N)	Z
Database(0)	100.0 Speed (mm)/s 3.0 Home orrset (mm)	
	Check printer status Check printer status	
-f(x) Formula(0)	10 Timeout(s)	
Table lookup(0)	V Inninite print Reload images at next print job	3
Counter(0)	Compressed Images	-
Free(0)	← Without ← PCX ← LZ Set date/time	4
	OK Cancel <u>H</u> elp	

- 1 <u>Use resident printer settings</u>: With this clicked on, no print parameters are sent to the Printer with the format design. The Printer will then automatically uses the default values as set up in "Supervisor" menu of the Terminal.
- 2 <u>Printer Settings</u>: Are the Burn, Pressure, Speed and Home offset values that will be down loaded with the format design, if the Used resident printer settings box has not been checked. (Normal operation)
- 3 **Check printer status:** With this box checked, the Printer is checked to ensure everything is **OK** before sending a format etc.

<u>Timeout (s)</u>: The amount of time in seconds that the Printer will be checked. (Any errors will be displayed)

Reload images at print time: After down loading a Format with variables or graphics, Codesoft does not send these items again, as they are held in the Printer File store and memory of Codesoft. If an Initialisation is carried out, then sending the Format without checking this box, you will have an error message, as Codesoft believes the files are already within the printer. Ticking this box will send the complete Format.

<u>Compressed images:</u> This allows Graphics to be compressed for high speed loading to the Printer, this mainly used when Variable Graphics are being loaded to a Printer from a Database. These Can be compressed as a: - **PCX** or **LZ**.

Infinite print: With this not ticked the printer will only print one label.

Destination memory: Sends the Format to the Printer File Store only.

Send modified data only: Updated information only, not the complete format. (After first print)

Immediate printing: Format is automatically printed as soon as it has downloaded to the Printer.

On: Send the Format to the Print Head Memory and Printer File Store.

4 <u>Set date/time</u>: Allows the user to configure the Printer Date & Time to be in synchronisation with the PC, or as the user requires.

Downloading Firmware (automatically update)

Select the "Spanner icon", then the "Advanced" of Printer settings.

1. Enter password "999999" (this password can be changed)

Printer settings - ThermoC	ode 53S	
General Advanced Fonts		
Password ***	****	Layouts
Resident fonts	Resident layouts	Fonts
Resident fonts	Resident layouts	Network
Delete printer font list	Current layout	
Delete font	Delete the selected layout	
Send setting	1	
	- Cond	
	Send	
Store fixed images Shared Network settings Select prin		Network
		Optimize Default
Download ne	ew program	Automatic
	ок	Cancel <u>H</u> elp
	2. Automatic Ch	ecked.

- 3. Select "Download a new program"
- 4. Select the directory where the *.hex files are stored. (In this case C:\Opendate\Firmware)

a)pen					? 🛛
	Look in: 🗀	Firmware	•	(-	D 💣	· · · ·
	III A305007X.	ŧΕΧ				
F	Fie <u>n</u> ame:	A305007X.HEX				<u>O</u> pen
F	Fles of <u>type</u> :	Firmware for Printer (*.HEX)		-		Cancel
5. Highlight the The version	 e file to number	download. may change. (<mark>XXXXXXX</mark> .HEX)				

6. Then click on "Open"

Downloading Firmware (automatically update) continued.

This dialog box will appear when the Firmware has started to load.

Printer settings - Thermo	ode 53S	×
General Advanced Fonts Password ** Resident fonts Dele Download sy Send se		
Download n	new program 🔽 Automatic	
	OK Cancel Help	

Problems maybe experienced with "communications", if the printer is not switched "on" or not "connected".

Printer settings - ThermoCode 53S	×
General Advanced Fonts Password ******* Resident fonts Resident fonts Delete printer font list Delete font Delete font Delete the selected layout	- Layouts - Fonts - Network
📓 Wait until the printer is	ready
Select printer	Optimize Default
Download new program V AL	CancelHelp

1

Download system software to: Printer: 02070201
0 %
Cancel

When this dialog box appears Click on Cancel

If the Printer is switched on with no errors, click on "Resident fonts" or "Resident layouts"

This requests the fonts or layouts back from the Printer. If the fonts or layouts are returned, try downloading the firmware again.

Downloading Firmware (automatic update) continued.

This dialog box will appear when the Firmware has started to load.

General Advanced Fonts Password ****** Resident fonts Resident layouts Dele Download system software to: Printer: 02070201 Send se 11 % St Mt Cancel Download new program	Printer settings - Thermo(ode 53S	×
On Optimize Default Download new program	General Advanced Fonts Password ** Resident fonts Dele Send sel	**** Resident layouts Resident layouts Converse former at ystem software to: Printer: 02070201 11 %	
		On Optimize Default	

Problems maybe experienced with "communications", if the printer is not switched "on" or not "connected".

Printer settings - ThermoCo	.de 135 🛛 🗙
General Advanced Fonts Password ***** Resident fonts Resident fonts Delete printer font list Delete font	Resident layouts Resident layouts Current layout Delete the selected layout
<u> X</u> Wa	it until the printer is ready
Select print	on Optimize Default w program
	OK Cancel <u>H</u> elp

Download system software to: Printer: 02070201			
0 %			
Cancel			

When this dialog box appears Click on Cancel

If the Printer is switched on with no errors, click on "Resident fonts" or "Resident layouts"

This requests the fonts or layouts back from the Printer. If the fonts or layouts are returned, try downloading the firmware again.

Downloading Firmware (manually)

Switch the Printer off, and then click on "Yes"

Printer settings - Copy of ThermoCode 53S
General Advanced Fonts
Password ****** Resident fonts Resident fonts Resident layouts Network
Download system software to: Printer
Send: Switch printer off
Network settings Select printer On On
Download new program
OK Cancel Help

Follow "on screen" instructions.

 \mathbf{X}

Print	er settings - Copy of ThermoCode 53S	×
Gen	Advanced Fonts Password ******* ident Pants Resident layouts Resident layouts Pelete printer fonts Current layout	
	Download system software to: Printer 🔣	
Sen	1- Switch printer on 2- Please wait for 3 seconds 3- Choose Yes	
	<u>[Yes</u>] <u>N</u> o	
	On Optimize Default	
	Download new program	
	OK Cancel Help	

This dialog box will appear, when the Firmware has started to load.

Printer settings - Copy of ThermoCode 535
General Advanced Fonts Password ****** Resident fonts Resident layouts Resident fonts Resident layouts Network
Develop Download system software to: Printer: 02070201
Select printer On Optimize Default
Download new program
OK Cancel <u>H</u> elp

Downloading True Type Fonts (*.TTF)



Font "Icon" Descriptions.



Downloading True Type Fonts (*.TTF) continued

1. Click on "Font select", scroll down and search for the font you require.

Printer Vi	Font selection and settings	
Fonts to	Times New Roman Bold	
ThermoCod	OK Cancel <u>H</u> elp	

2. In this case "Times New Roman Bold" click on the font.

	Font selection and settings	
Printer Vie	System fonts	
	!#\$%@()012AaPpWw	
	Select font	
Foots to	Times New Roman Bold 🗾 Western 👤	
	Font to download	-
	Font name	
		Т
ı ThermoCode		
	OK Cancel Help	
dit the fe	I if required	
.uit the it /aximum	length can be 10 characters	
	4. Click " OK " when co	alamc

Downloading True Type Fonts (*.TTF) continued

Automatically when you select "Yes" the font will be downloaded to the printer.

🔀 CODESOFT Pro : Font Dov	n loader		
<u>Printer View Font H</u> elp			
<u> 28</u> / 27 - 5	¥ 🏖 🔋 🚽		
Fonts to down	loader 🛛 🔀		
TimesBd ("Tin This font is Do you wisl	npw available in Font Downloader. to download it to the printer?		
	Yes No		
!#\$%@()012AaPp\\w			
ThermoCode 1075,->COM4:	TimesBd Vector for	it //	

Alternatively you may wish to load several different types of fonts, click on "No" and see instruction below.

Holding the "shift key" and the "down arrow", selects all the fonts ready to load to the printer at once.

💹 CODESOFT Pro : Font D	ownloader
<u>P</u> rinter <u>V</u> iew <u>F</u> ont <u>H</u> elp	
<u></u> <u>→</u>	· 🕱 😨 🔹 📲
Fonts to download	
TimesBd ("Times New Roma Arial Bold ("Arial") ODECON ("ODECON") ODEREG ("ODEREG")	n")
ThermoCode 1075 ->COM4	
memocode 10/3,-2000H.	

Click on the "Download Font" button, this will copy all selected fonts to the printer.

Downloading Bitmap Fonts (*.SFP)

1. Click on "Printer setup"



2. This Dialog Box will appear Click On Fonts.

Printer settings - ThermoCode 53S	×
General Advanced Fonts	
Use resident printer settings Burning time (μs) 170 From A to B	
20 ⊕ Pressure (N) 100.c ⊕ Speed (mm)/s 3.0 ⊕ Home offset (mm)	
Current layout	
10 Timeout(s)	
Infinite print Infin	
Compressed images at next print job	
Without OPCX CLZ Set date/time	
OK Cancel	Help

4. Select directory with "***.sfp**" fonts. /

Printer settings - Copy of	ThermoCode 53S
General Advanced Fonts	
Select a SFP font	
Download the SFP font	>>
🔲 Vector font	<<
Fixed character width	
Identifier	Display font
	Height (Points)
	OK Cancel <u>H</u> elp

	/		
Open			? 🔀
Look jn: 🔀 S	6FP	• 🗢 💽	-11 🍅 🔳
MSD09.SFP MSD5.SFP CCRA06.SFI CCRA09.SFI CCRA10.SFI CCRA10.SFI	CCRB28.SFP CCRBBD07.SFP CCRBBD08.SFP CCUL.SFP CCUL.SFP CCUL.SFP CCUL.SFP CCULSFP CCUL	SKB08.SFP SKB09.SFP SPECFONT.SFP swiss06.sfp Swiss08.SFP Swiss10.sfp Swiss10.sfp	SWISS12.SFP Swiss20.sfp Swiss48.sfp TEST2.SFP TEST3.SFP TEST3.SFP TEST4.SFP
<			>
File <u>n</u> ame:	Swiss10.sfp		<u>O</u> pen
Files of <u>t</u> ype:	Fonts for Printer (*.SFP)	•	Cancel
5. " Highlight " the font you wish to use.			

6. Then click on "Open"

Printer settings - Copy of	ThermoCode 53S	
General Advanced Fonts		
Swiss10	C:\THERM2\FONT\SFP\Swiss10.sfp	
Select a SFP font		
Download the SFP font	>>	
Vector font	<<	
🔲 Fixed character width		
Identifier	Display font	
Swiss10	Swis721 Cn BT	
	10 Height (Points)	
	OK Cancel	Help

7. Click on "**Download the SFP font**" to load to the Printer. 8. Showing the download window.

Printer settings - Copy of ThermoCode 5	i3S 🛛 🔀	
General Advanced Fonts		
Swiss10 C:\THERM2\FO	NT\SFP\Swiss10.sfp	
Download SFP font: C:\THER	M2\FONT\SFP\Swiss10.sfp	
Ide		
	OK Cancel <u>H</u> elp	

3. Click on "Select a SFP font".

Simulating True Type for Bitmap Fonts

1. From the "**Spanner Icon**", printer settings select the "**Fonts**" menu.

/	2. "Highlight" the font to be simulated
/	
Printer settings - Copy of Therm	noCode 535
General Advanced Fonts	
	\downarrow
Select a SFP font	Swiss10
Download the SFP font	>>
Vector font	
Fixed character width	
Displa	ay font
10	0 Height (Points)
	OK Cancel <u>H</u> elp

- 3. Click on the "Left Arrow"
- 4. The "font name" is now imported to the to the "Select a SFP font" box as shown below.

Printer settings - Copy of	ThermoCode 53S		
General Advanced Fonts			
Swiss10			
Select a SFP font			
Download the SFP font	>>		
C Vector font	<<		
Fixed character width	1		
Identifier	Display font		
Swiss10	Swis721 Cn BT		
	Height (Points)		
/			
	ОК	Cancel	

5. This displays the "**True type Font**" being used for simulation.

6. To change the font style, click on the "button" indicated.

Simulating True Type for Bitmap Fonts (continued)

1. Select "Font" name required for simulation.

	2. Select "Font S	Style" required for simulation.
		3. Select " Size " for required simulation.
Prim	ter settings - Copy of ThermoC	
Ger	Font	
Sw	Ebnt: Fo	Th style:
_	Swis721 BT B	
	T Stencil	Sold Italic 9 Cancel
	O Sylfaen	
	O Symbol System	
1.1.1	🕖 lahoma 🛛 💌 j	J16 M
Ide	E,	Sample
Sw		AaBbYyZz
	Sc	c <u>r</u> ipt:
	<u> v</u>	Vestern
—		

4. Click on "OK" to save the font simulation.

Printer settings - Copy of	ThermoCode 53S	×
General Advanced Fonts		
Swiss10		
Select a SFP font		
Download the SFP font	>>	
Vector font	<<	
Fixed character width		
Identifier	Display font	
Swiss10	Swis721 BT	
	10 Height (Points)	
	OK Cancel I	<u>t</u> elp
	T	

1

5. Click on the "Right Arrow"

4. Click on "OK" to save the font simulation.

Checking Font Installation

1. From the "Spanner Icon", Printer settings, select the "Advanced" menu.

Printer settings - Copy of ThermoCode 53S General Advanced Password Password Resident forts Resident layouts Resident forts Resident layouts Delete printer font list Current layout Delete font Delete the selected layout Send setting Send Store fixed images Shared Network settings Select printer On Optimize Download new program Automatic	2. Select " Resident fonts " 3.	. Select the "+" next to Fonts.
General Advanced Fonts Password Resident fonts Resident layouts Delete printer font list Delete font Delete font Delete the selected layout Send Store fixed images Shared Local C Network Select printer On Optimize Default Download new program	Printer settings - Copy of T	ThermoCode 53S
Resident forts Resident layouts Resident forts Resident layouts Delete printer font list Current layout Delete font Delete the selected layout Send setting Send Store fixed images Local Network Network Select printer On On Optimize Demonstratic Optimize	General Advanced Fonts Password	Layouts
Delete printer font list Current layout Delete font Delete the selected layout Send setting Send Store fixed images Shared Network Select printer On Optimize Default Download new program	Resident fonts Resident fonts	Resident layouts
Delete font Delete the selected layout ODECON Send setting Send Arial Bold Store fixed images Shared Local Network settings Select printer Network Select printer On Optimize Download new program Automatic	Delete printer font list	Current layout TimesBd
Send setting Send setting Send Store fixed images Shared C Local Network Select printer On Optimize Default Download new program Automatic	Delete font	Delete the selected layout ODECON
Store fixed images Shared Local C Network settings Select printer On Optimize Default Download new program	_ Send setting	Send
Download new program Optimize Default Download new program Optimize Default Download new program Default Default	Store fixed images Shared Network settings Select prin	C Local C Network
Download new program		Optimize Default
	Download ne	ew program Automatic
		OK Cancel Help

3. Displays "all Fonts" loaded to the Printer.

Checking Format Installation

1. Select "Resident layouts" 2. Select the "+" next to Layouts.

Printer settings - Copy of T	hermoCode 53S	X
General Advanced Fonts		
Resident fonts	Resident layouts Resident layouts	- Layouts - Text2Grph53s - Text1Grph53s - Fonts Used53s
Delete printer font list Delete font Send setting	Current layout Delete the selected layout	Dates_CD7_10_5
	Send	
Store fixed images Shared Network settings	C Local •	Network
Select prin	On	Optimize Default
Download ne	ew program	Automatic
	ОК	ancel <u>H</u> elp

3. Displays "all Formats" loaded to the Printer.

Do not save formats with spaces, use an "underscore"

Deleting a Printer Font & Format (layout)

- 1. From the "Spanner Icon", Printer settings, select the "Advanced" menu.
- 2. Enter the required password.
- 3.Highlight the font to be deleted.

4. Click on "Delete font

elete font"		/
Printer settings - Copy of T	hermoCode 53S	X
General Advanced Fonts Password **** Resident fonts Deste printer font list Delete font Send setting	**** Resident layouts Current layout Delete the selected layout Send	Layouts Fonts Swiss10 ODEREG ODECON Arial Bold Network
-Network settings Select prin		Network Optimize Default
	OK	Cancel Help

This Dialog box appears click on "Yes" to delete the font.

Resident fonts		X
Are you sure you we	ant to delete this	s file?
(<u>Y</u> es	No	

Deleting a Printer Layout (Format)

5. Highlight the format to be deleted.

6. Click on "Delete the selected layout"

Printer settings - Copy of ThermoCode 535
General Advance Fonts Password ******
Resident fonts Text2Grph53s Resident fonts Resident layouts Text1Grph53s
Delete printer font list Current layout Fonts_Used53s Dates_CD7_10_5
Send setting
Send
Store fixed images
Shared C Local C I Network Select printer
On Optimize Default
Download new program
OK Cancel Help

This Dialog box appears click on "Yes" to delete the selected layout.



Other Printer Settings

Highlighting a layout then clicking on "Current layout"

Printer settings - Copy of T	hermoCode 53S	
General Advanced Fonts Password *** Resident fonts Delete printer font list Delete font Send setting	Resident layouts Resident layout Current layout Delete the selected layout Send	Layouts Fents_Used53s Dates_CD7_10_5 Fonts Network
Store fixed images Shared Network settings Select prin Download ne	C Local C iter On ew program	Network Optimize Default
	ОК	Cancel <u>H</u> elp

This selects the format from the Printer storage memory, to the Printer image memory ready for printing.

Deleting the Font List (within Codesoft 8)

Text		
Character Paragraph	Data source	point size 💌
Font Arial Bold Arial Bold ODECON ODEREG Swiss10 Swiss10 TimesBd	Height	Size
Subset	Style PBold Italic Underline	Height
ABCDEFGHIJKI 0123456 abcdef	_MNOPQRSTU gh	Width %
	ОК	Cancel <u>H</u> elp

Printer Fonts, listed within Codesoft.

The Printer Fonts, listed within Codesoft. Do not match the actual fonts listed within the Printer.

Crinter settings - Copy of T General Advanced Fonts Password ***	hermoCode 53S	Layouts
Resident fonts	Resident layouts	- Fonts ODEREG
Delete printer font list Delete font	Current layout Delete the selected layout	Arial Bold
Steen fixed income	Send	
- Network settings Select prin	C Local C	Network
Download ne	On	Optimize Default Automatic
	ОК	Cancel <u>H</u> elp

See Page 26 Selecting a printer font. Within Font Down loader you can delete the font TimesBd.

	Printer settings - Copy of ThermoCode 53S
	General Advanced Fonts
	Resident fonts Resident layouts Fonts ODEREG
Click on Delete printer font list.	Delete printer font list Current layout ODECON Arial Bold Network
	Send setting
	Send
	Store fixed images Shared C Local C Network settings Select printer On
	Download new program
	OK Cancel Help

Printer Fonts now deleted, within Codesoft.

This also Deletes the fonts used within Codesoft. **"Font Downloader"**

Text	X	
Characte	r Paragraph Data cource	📈 CODESOFT Pro : For <mark>it Downloader 🛛 📃 🗖 🔀</mark>
(• Prin	eri Granbic point size	Printer <u>V</u> iew <u>F</u> ont <u>H</u> elp
Font	Height	
Arial		Fonts to download
	12 × 14 14 16 18 ×	
Subset	Style	
Wester		
	Underline Height	
ABCI 01234	DEFGHIJKLMNOPQRSTU	
	OK Cancel <u>H</u> elp	ThermoCode 1075,->COM4:

You would now have, to reselect the fonts into the "Font Downloader" required for the printer images.

🔀 CODESOFT Pro : Font Downloader	
<u>Printer View Font H</u> elp	
<u></u>	
Fonts to download Arial Bold ('Arial') ODECON ('ODECON') ODEREG ('ODEREF Font Downloader This font is now available in Font Downloader Do you wish to download it to the printer? !#	When this dialog box appears Click on " No "
ThermoCode 1075,->COM4: ODEREG Vector font	

After selecting the required fonts you don't have to send them to the Printer, if they have all ready been installed.

The new Printer Fonts, list within Codesoft, are now matching the actual fonts within the Printer.

Toxt	/	
Text		
Character Paragraph	Data source	
Printer	C Graphic	point size
Font	Height	
日 一 日 Arial Bold の DECON 日 の の DEREG	8 9 10 11 12 14 14 16 18	A
Subset	Style Stalic Underline	Height
ABCDEFGHIJKLM 0123456 abcdefgh	NOPQRSTU	Width %
-	ОК	Cancel <u>H</u> elp

General Advanced Fonts Password *** Resident fonts Resident fonts	Resident layouts	Layouts - Fonts - ODER	teg
Delete printer font list Delete font Send setting	Current layout Delete the selected layout Send	ODEC	:ON Bold
Store fixed images Shared Network settings Select prin	C Local C Iter	Optimize	Default

Subset

Latin

Style

-

ABCDEFGHIJKLMNOPQRSTU

0123456 abcdefgh

Bold

Italic

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OK

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Help

Height

Width %

Cancel

Text Generation



Subset

Western

Style

-

ABCDEFGHIJKLMNOPQRSTU

0123456 abcdefgh

Bold

Italic

Underline

ОK

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12.0

100

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Height

Width %

Cancel

Help

Creating Automatic Date & Time fields

Automatic date fields, are text fields that will be automatically updated by the Printer. Typically a "**Best Before**" date could have an automatic offset of 5 days. At midnight the date will automatically advance by 1 day, ensuring the customer always has a 5 day offset in the date.

😹 CODESOFT 8 Pro (DEMO) - [Document1]		_ 7 🗙
Eile Edit View Object Data source Tools Window H	lah -	_ # ×
D 😅 🖬 🎿 🆦 🖶 🏔 🗡 🏠 🍈	Right Click the mouse button on the Date icon.	a 🗈 🖽 📖
🗷 XX 12 🍙 👯 🔾	▼ 12 ▼ □ □ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	
Database(120 130
Source and the second s		🛛
Eile Edit View Object Data source Tools Wind	Click on "Add", a variable named "Date0" will appear in	_ @ ×
	the menu.	
🗵 XX 12 🔊 🗄 🔾		
Database(0) Image: Control of the control	0 10 20 30 40 50 60 70 80 90 100 110	
SCODESOFT 8 Pro (DEMO) - [Document1]		_ 2 ×
i lo le Edit View Object Data source Iools Winc □ De III 28 29 49 29 10 10 10 10 10 10 10 10 10 10 10 10 10	Double Click the "Date0", to show variable properties	
🖾 XX 12 🔊 🗄 🔍	▼ 12 ▼ III IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	\$. *
Database(0) Image: Constraint of the constr	0 10 20 30 40 50 60 70 80 90 100 110	

Click on "**Options**", opens up the options dialogue box. The Name can be changed

Variable	Date0
Date Options Name Date0 Preview "18/07/06" 03/06/98 03/06/1998 06/03/98 06/03/98 06/03/1998	Date Options Date
WED/6/98 Wednesday/6/98 03/June/1998 Wednesday 03 June 1998 <customized> OK Cancel <u>H</u>elp</customized>	Language English OK Cancel

Check the box Settings according to the printer.

Note: - WED/6/98 & Wednesday/6/98, The "6" being the Month of Year will print as Alpha character only. The system variable "SYSMONTH1 A,B.C,D,E,F,G,H,I,J,K,L" "A" being January. This variable can be changed

Enter an offset if required. (A numeric value of 5 = 5 minutes, days or months)

Date0	×
Date Options	
Date	
Add a value	
• Fixed	Unit
C Variable	Minutes
Language	Minutes Days Months V Settings according to the printer
English	jo Security according to the printer
	OK Cancel Help

If an offset is required, choose which "**unit**" of offset is required. (Minutes, Days or Months) Select "**Day**" function within the options dialogue box, if a day offset is required.

Select the Date format required from the default Dates shown.

Variable	×
Date Options	
Name	Date0
Preview	"18/07/06"
03/1 03/0 06/0 06/0 WEI Wec 03/1 Wec <cl< td=""><td>16/98 16/1998 13/1998 13/1998 1/6/98 June/1998 Inesday 03 June 1998 Inesday 03 June 1998 Istomized></td></cl<>	16/98 16/1998 13/1998 13/1998 1/6/98 June/1998 Inesday 03 June 1998 Inesday 03 June 1998 Istomized>
	OK Cancel Help

Or select <Customized> and create the date or time format you require.

Variable		×
Date Options	1	
Name	Date0	-
Preview	"18/07/06"	
	03/06/98 03/06/1998 06/03/98 06/03/1998 WED/6/98 Wednesday/6/98 03/June/1998 Wednesday 03 June 1998 <customized></customized>	
dd/mm/yy	dd (18) ddd (2) dddd (TUE) ddddd (Tues)	

Dates &	Гimes	<customized></customized>	
Variable			
Date Options	1		
Name	Date0		_
Preview		"18/07/06"	
	03/06/98 03/06/1998 06/03/98 06/03/1998 WED/6/98 Wednesday/6/98 03/June/1998 Wednesday 03 Ju < <u>Customized></u>	3 une 1998	
dd/mm/yy]
		dd (18) ddd (2) ddddd (TUE) ddddd (TUE) c (7)	P

Day of the week

dd (11)	Day of month, 2 numeric characters
ddd (1)	Day of week as a numeric number Monday $=$ "1"
dddd (MON)	Day of the week, 3 alphabetical "MON"
ddddd (Monday)	Day of the week, alphabetical "Monday"
j (101)	Julian Day of the year, 366 = 29 th Feb
jj (101)	Julian Day of the year, 366 = 31 st Dec
Month of the year	
m (4)	Month single alphabetical character, Jan = "A"
mm (04)	Month 2 numeric character Jan = "01"
mmm (JAN)	Month, 3 alphabetical "JAN"
mmmm (April)	Month, alphabetical "April"
Year	
y (5)	Year 1 numeric character 2005 = 5
уу (05)	Year 2 numeric characters 2005 = 05
уууу (2005)	Year 4 numeric characters 2005 = 2005
ww (02)	Week number of year 2 numeric characters
Time 24 hour	
hh (08)	24 hour time
nn (37)	Minutes
ss (23)	Seconds
Time 12 hour	
hhh (8)	12 hour
nn (37)	Minutes am/pm
AM/PM (am)	adds am or pm to the above

Click and hold on "Date0", then drag and drop on the page. Ensure text display is selected.



Clicking on the "12 icon" will Display field contents.

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🕮 XX 12 🔊 🗄 🔍 🔳	→ 12	·		*	MABM	8 *
Database(0) Database(0) Date(1) Date0 f(∞) Formula(0) f(∞) Form(0) Table lookup(0) diatabase(0) f(∞) Form(0) f(0) f(∞) Form(0) f(∞) f(∞)		20	50 60 7			

At this point you can type a text filed in front of the Date field.

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Database(0) Database(0) Date(1) Date(1) Date(1) Date(0) Gormula(0) Counter(0) Gounter(0) K Free(0)		120 130 1 11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.

Text field inserted before the date field.

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🕮 🐹 12 🔊 🗄 🔍 📰 📕 🕮 Arial Bold	 12 ■ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
Database(0) Image: Control = 0 Database(1) Image: Control = 0 Date Image: Control = 0 Definition Image: Control = 0 Date Image: Control = 0 Image: Control = 0 Image: Control = 0	10	



All Variable Fields Must Use a Printer Resident Font



3. Click on "OK"

Date Field rollovers before and after Midnight (Example)

Date Field to rollover at 6am the following Day

- 1. Check the Box "Settings according to printer"
- 2. Select the "Unit" is Minutes.
- 3. "Add a value" enter the rollover time in Minutes.360 = 6am the following morning. (Time from midnight)

Date0		×
Date Options Date Date Options Add a value Fixed Variable Language English	3 360 Unit Unit Minutes	
	OK Cancel <u>H</u> elp	

Enter the required date field then Click on "OK"

Date0				
Date Option	ns	"19/04/05"		
	03/06/98 03/06/1998 06/03/98 06/03/1998 JUN-98 JUN-98 03-JUN-98 03-JUN-98 03-JUN-98 WED/6/98	<u>.</u>		
		ОК	Cancel	Help

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👁 🗴 12 🔊 🗄 🤤 📰 🛛 🗛rial Bold 🗸 🗸	12 👻 🗈 🗵 교 교 표 표 표 표 표 표 표 표 표 표 표 표 표 표 표 표 표	
▼ ▲ 0 10 ● Database(0) ■ ■ ■ ■ ● Date(1) ■	Production Date 08/04/08	

Production Date will rollover at 6am on the 09/04/2008





Date Field rollovers before and after Midnight (continued)

When changing SYSTIMEOFF this will affect every format with a real time date. And will change over at the time you have set, be it two hours before midnight or 6 hours after midnight.

Select the "Spanner icon", then the "Advanced" of Printer setup.

Enter password "9999999" (this can be changed, see page 46)

Enter the System Variable Name "XSYSTIMEOFF 360" or the required offset in minutes. / Click on Send

			/	
Pr	rinter settings - Copy of Th	ermoCode Ø3S		X
L. L	General Advanced Fonts			
	Password ****	***	Layouts	-1
	Resident fonts	Resident layouts	Fonts	
	Resident fonts	Resident layouts	Network	
	Delete printer font list	Current layout		
	Delete font	Delete the selected layout		
	Send setting			
	XSYSTIMEOFF 360	Send		
	Store fixed images		1	
	Silvared (🔍 Local 🖲	Network	
	Select print	er		
/				
		<u>Un</u>	Optimize Default	
	Download	v program 🛛 🗖 Au	utomatic	
/ -			1	
		ОК	Cancel <u>H</u> elp	
"I I	. "On a c c " "O Norm	ania akana tana tan		(100)
"Uppercase text"	Space 3 Num	ieric characters for	rpius values", r	ninus values = -120)
Codesoft: - XSYST	INEUFF 360	Rolls over at 6am t	ne following day	r. (iviaximum plus value + 720)
Codesoft: - XSYST	IMEOFF –120	Rolls over at 2200	the same day. (I	Maximum minus value -720)

All Printer System & Mechanical Variables can be sent from this dialog box to the printer "Send setting"

Before changing any System & Mechanical Variables you are strongly advised to contact your Supplier before making any other changes.

NOTE! "Sending the wrong typed information to the printer will cause errors"

Error number: - 26 Sys pram unknown. (Possible missed typed system variable) 84 Sys pram out of range. (Incorrect value sent to the printer)

XSYSTIMEOFF 0 resets the printer to the original setting with out any time offset.

	Printer settings - Copy of ThermoCode 53S General Advanced Fonts	
	Password *****	-1
	Resident fonts Resident layouts Fonts	
	Resident fonts Resident layouts Network	
	Cigrank Invest	
	Delete printer font list	
X	Delete font Delete the selected layout	
	Send setting	
	XSYSTIMEOFF D Send	
	Store fixed images	-
	Shared C Local C Network	
	Select printer	
	On Ontining Default	
	Download new program 📃 Automatic	
	OK Cancel <u>H</u> elp	

Creating a Variable Counter Fields

Variable Counter Fields are created initially in the same way as Date Fields.

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🙆 Eile Edit View Object Data source	Iools Window Help -	₽×
D 🗃 🖬 🛃 🏷 🖶 🏔 🕮 🛛	▶ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
포 XX 12 🚿 🗄 🔍 🔳	✓ ✓ □ = = = 至 ※ ✓ ₩ 4 ¥ ₩ ₩ ♥ ♥	
Database(0) Date(0) f(x) Formula(0)	$ \begin{bmatrix} \blacksquare & 0 & 0 & 0 & 0 \\ \blacksquare & \blacksquare & \blacksquare & 1 & 0 & 0 & 0 \\ \blacksquare & \blacksquare$	130
Form(0) Table lookup(0) Counter(0) Free(0)	2. Click on "Add", a variable named " Counter0" will appear in the menu.	

3. Double click on "Counter0". The Counter Variable will appear, shown below.

Follow the numbered instructions below, referring to the "Arrow numbers".

- 1. "Start value", click on box, edit and then specify the print value required.
- 2. "Increment" + 1 Counter increments 1,2,3 etc. +2 Counter increments 2,4,6,8 etc.
- 3. "Min Value ", click on box, and then specify the minimum value required. "Set to 1"
- 4. "Max Value", click on box, edit and specify the maximum value required. Enter "999999"
- 5. "label(s)", click on box, edit then specify how many of the same labels required. "Set to 1"
- 6. Select "Output" to edit the menu see the next page.

	T T	he Name can be changed
	Counter0 6	
	Counter Output	L ,
	Name	Counter0
	🔲 Shared variable	🔲 ISO counter
	Туре	
		2
	Current value	Increment
	0	+1
Ž	Min Value	Max Value
	0	9999
	Increment after	5
	Having printed	1 label(s)
	C Each reset of	V
	🗖 Reset after variable	value change
		~
		OK Cancel Help

Creating a Variable Counter Fields (continued)

- 7. You can add a "Prefix" or "Suffix" to a counter field, this will become fixed text.
- 8. Clicking on "Pad with" allows you enter a padding character. Adding a "**0**" and to a counter field would print: - **000001** instead of **1**.

Counter0	×
Counter Out	
Prefix Suffix	
© Output mask	
Display decimals Number of decimals Decimal separator	
Thousand separator	
C Accumulate value	
OK Cancel Help	

Click and hold on "Counter0", then drag and drop on the page. Ensure text display is selected.

🧭 CODESOFT 8 Pro (DEMO) - [Docum	ent1]	- 7
Eile Edit View Object Data source	ools <u>Wi</u> ndow <u>H</u> elp	_ 8 ×
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	Image: Second state sta	

Clicking on the "12 icon" will Display field contents.

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Eile Edit View Object Bata source To	ols <u>W</u> indow <u>H</u> elp			_ 8 ×
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🕮 XX 12 🔊 🗄 🔍 🔳	▼ 12 ▼		- N 4 P N	M Ф. 🍽
■ Database(0) ● Data(0) ● Formula(0) ● Table lookup(0) ■ Counter(1) ■ Counter(0) ₩ Free(0)	Image: Contract of the second seco	text 000000		

Counter field with a text prefix.

Creating a Variable Text Fields

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🖗 Ele Edit View Object Datasource Iools Window Help – 🗗 2	ĸ
□ ☞ 🖬 🙈 🌡 🗄 🖻 🕲 🖕 ➡ 🖗 ♦ ♦ \$. 7 ~~ v 🛛 📴 및 🖃 🖽 🦛 🦛 🦉 🔚 😸 🗃 🕼 特 구 👘 🖉 🛶 🖉 🔳	
🛛 🛥 💵 🎓 🏗 🔾 🔲 📔 👘 Variable Text Fields are created initially in the same way as Date Fields.	
 1. Right click the mouse button on the "Form icon". 2. Click on "Add". A variable named "Var0" will appear. 3. Double click on "Var0". Variable text field will appear shown below. 	

Follow the numbered instructions below, referring to the "Arrow numbers".

- Click in the box, "Var0" enter the required variable name required. Displayed when editing from the mini-terminal. Use the same name in the Prompt found in "Form"
 (You cannot have spaces within the name chosen, use an underscore i.e. Batch No)
- 2. Click on Input, enter the required date "Variable value" to be printed. 40 alphanumeric characters is the maximum field length when using Codesoft.
- 3. Click on box, "Minimum length" of the variable field characters. (Optional)





4. Select the "Output menu" Click on box, "Maximum length" of the variable field characters.

5. You can enter "**Prefix**" or "**Suffix**" to the variable. You have to add the amount of characters used in the prefix, to the total length for the total. Otherwise you may not see a correct view.

Var0 📃 🛛 🛛	
Form Ir uput Counter 4 Maximu 5 30 Prefix Suffix	
Batch Number	
Output mask	
C Display decimals	
Number of decimals	
Decimal separator	Select " OK " when finished.
Thousand separator	
Pad with up to X characters (X=)	You can click and hold on " Var0 ", to drag and drop the variable on the label as required.
C Accumulate value	
OK Cancel Help	Continued on the next page.

Creating a Variable Text Fields

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🖗 Eile Edit View Object Data source Iools Window Help	_ & ×
[] 🗁 🖬 😹 🖶 🖺 X D) 🖱 이 🖕 여 🕀 이 스크 또 수 대 🗄 타 파 파 비 너 세 🕮 🕮 백	
🗵 🗷 💵 🔊 🖽 🔾 🔲 📔 👘 Variable Text Fields are created initia	ally in the same way as Date Fields.
 Database(0) Date(0) Formula(0) Formula(0) Table Add Course Form gustomization Course Form gustomization	Form icon ". r0 " will appear. field will appear shown below.

Follow the numbered instructions below, referring to the "Arrow numbers".

- Click in the box, "Var0" enter the required variable name required. Displayed when editing from the mini-terminal. Use the same name in the Prompt found in "Form"
 (You cannot have spaces within the name chosen, use an underscore i.e. Batch No)
- 2. Click on Input, enter the required date "Variable value" to be printed. 40 alphanumeric characters is the maximum field length when using Codesoft.
- 3. Click on box, "Minimum length" of the variable field characters. (Optional)





4. Select the "Output menu" Click on box, "Maximum length" of the variable field characters.

5. You can enter "**Prefix**" or "**Suffix**" to the variable. You have to add the amount of characters used in the prefix, to the total length for the total. Otherwise you may not see a correct view.

Var0 Form Intertutput Counter A Maximu 5 30 Prefix Batch Number Output mask Display decimals Decimal separator Thousand separator Pad with up to X characters (X=) Accumulate value	Select " OK " when finished. You can click and hold on " Var0 ", to drag and drop the variable on the label as required.
OK Cancel Help	Continued on the next page.

Displaying the filler (Variable fields)

To Display the Filler (variable text screen), allows editing the variables before downloading to the printer.

Click the mouse button "Form Icon", then right click mouse button, to display "Form customisation"

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Click within the menu "Form customisation", to display the possible options.

Form customization	Form customization
🔽 Display lines	✓ Display lines
🔽 Display row headers	Display row headers
🖂 Lock form	Lock form
🔲 Distribute rows evenly	Distribute rows evenly
Enable row moving	Enable row moving
Display form when printing No For each series For each label	Display form when printing For each series OK Cancel Help

When you have made your choice, select "OK"

Now when you send a format to the Printer, the screen below is displayed.

🖉 Form	×
Prompt	Value
Btach_no	123456QWERTY
	×
	OK Cancel Help

Edit or change the variable text fields and select " \mathbf{OK} " before the format is sent.

Creating a Barcode

Click on the "**Barcode**" symbol, and then place the cursor within the print area and click again. The screen below shows the barcode menu.

- 1. Select "Printer".
- 2. Select style = "EAN13"
- 3. Height(mm) Adjust as required
- 4. Check character = 1 digit
- 5. Narrow bar width (dots) = 4
- 6. **Ratio** = 3.0
- 7. **Data** = Input 12 numbers Check digit is automatically calculated.

8. Select the "Human readable" menu.

9. Select "Generated by the Printer".

10. Select "Include the check character".

11. Select "Below" from "Position" options.

12. Select "Centered" from the "Alignment"

(Centred)

🛄 Properties 🛛 🛛
Character Shape settings Rendering Data source General Code Options Human readable Printer C Graphic
Symbology EAN 13 CODE 128 CODE 12
Data 50657677767
OK Cancel Help

Barcode				
Code Options Human readable Character Data source				
Generated by the printer				
✓ Include the check character				
Extended descenders				
Position Alignment				
None Left Below Centered Above Right Free				
Distance from the bars(mm)				
0.08				
Output mask				
OK Cancel Help				

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Click on the "**Barcode**" symbol, and then place the cursor within the print area and click again. The screen below shows the barcode menu.

- 1. Select "Printer".
- 2. Select style = "EAN13"
- 3. Height(mm) Adjust as required
- 4. Check character = 1 digit
- 5. Narrow bar width (dots) = 4
- 6. **Ratio** = 3.0
- 7. **Data** = Input 12 numbers Check digit is automatically calculated.

Properties X	
Character Shape settings Rendering Data source	
General Code Options Human readable	
Printer Graphic	
Symbology Height(mm) Check character EAN 13 CODE 128 CODE 39 DATAMATRIX EAN 128 CODE 30 DATAMATRIX EAN 128 CODE 30 DATAMATRIX D	
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Data	
OK Cancel Help	
Code Options Human readable Character Data source	
Generated by the printer	
Include the check character	
Extended descenders	
Position Alignment	
None Left Below Centered Above Right Free	
Distance from the bars(mm)	
0.08	
Output mask	
OK Cancel Help	

- 8. Select the "Human readable" menu.
- 9. Select "Generated by the Printer".
- 10. Select "Include the check character".
- 11. Select "Below" from "Position" options.
- 12. Select "**Centered**" from the "**Alignment**" (Centred)

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🔯 Eile Edit View Object Data source Io	ools <u>W</u> indow <u>H</u> elp		_ 8 ×
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Creating a Graphic Barcodes (continued)

"**Code**" Allows the selection of Printer or Graphic.

Barcode		
Code Options Human rea	dable Character Data :	source
C Printer	Graphic	
Symbology EAN-13	Height(mm)	Check character
EAN-13 EAN-13 EXT2 EAN-13 EXT5 EAN-14 EAN-8 EAN-8 EAN-8 EXT5 GERMAN POST IBM BC412 ITF 14 ITF 16 LOGMAR5 MicroPDF417	Narrow bar width (dots) Space correction	4
Data 0	P	osition/Size
	OK Cano	:el <u>H</u> elp

Note: - Space correction is not used.

"Character"

Allows the chose of font to be used with Graphic Barcodes.

Barcode		
Code Options Hun	nan readable Character	Data source
C Printer	Graphic	point size 💌
Font OCR-B-10 BT TO ODECON TO ODEREG TO ODEREG TO ODEREG TO ODEREG	Height 8 9 10 11 12 14 16 18 V	Size
Subset Symbol 💌	Style ØBold Italic Underline	Height
A B C D E F G H I J 0123456	KLMNOPQRSTU abcdefgh	Width %
	ОК	Cancel <u>H</u> elp

"Human readable" Human readable position & alignment.

Barcode	
Code Options Human re	eadable Character Data source
🔲 Generated by the	printer
🔽 Include the check of	character
Extended descend	ers
Position	Alignment
None Below Above Free	Left Centered Right
Dis	tance from the bars(mm)
	0.08
1	Output mask
	OK Cancel <u>H</u> elp

"Data source"

Barcode date source. Fixed or Variable This example showing Variable data

Barcode	×
Code Options Human readable Char	racter Data source
C Fixed data	
Variable data	
Counter(0) Database(0) Date(0) Form(1) Fox Formula(0) Fox Formula(0) Free(0)	
ОК	Cancel <u>H</u> elp

Notes: -

The printer has a font installed for creating the human readable characters.

If you choose a different style of barcode, ensure you know all the regulations governing barcodes.

Creating a graphic style "2D" barcode (RSS, Datamatrix, Maxicodes PDF etc) can be very complex when using "**Options**" it would be advisable to seek training. Also the help within Codesoft is very good.

The USS/ EAN128 wizard and Maxicode wizard only works with graphic barcodes.

Creating Barcode Code 128 Type Auto(continued)

Code128 high - density, using character sets A B & C

Code 128 supports all ASCII 128 characters.

Subset A supports numbers, upper-case letters, and control characters, such as *tab* and *new-line*. Subset B supports numbers, upper- and lower-case letters Subset C supports numbers only

Properties 🛛 🛛 📉	
Character Shape settings Rendering Data source General Code Options Human readable	
Printer C Graphic	
Symbology Height(mm) Check character	
□ □ DATAMATRIX □ □ □	
目 EAN 13 9.24(cpi)	
III. EXTENDED C.39 III. EXTENDED C.93 III. III. IIIF	
县 MSI Type 县 UCC 128 Type	
B UPCA CODE C ▼ AUTO CODE A CODE A	From " Type " select " Auto "
CODE B Data	Enter the required Date. Normally sumaria followed by
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	Alpha characters. But can be in any order.
OK Cancel Help	
Properties	n
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Character Shape settings Rendering Data source General Code Options Human readable	Auto
Character Shape settings Rendering Data source General Code Options Human readable Image: Printer Graphic Symbology Height(mm) Check character	Auto
Character Shape settings Rendering Data source General Code Options Human readable Image: Printer C Graphic Symbology Height(mm) Check character CODE 128 Image: Printer Image: Printer	Auto
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Character Shape settings Rendering Data source General Code Options Human readable Image: Printer Graphic Graphic Symbology Height(mm) Check character CODE 128 Height(mm) Check character Image: Code 39 Arrow bar width (dots) 3 Image: EAN 128 0.25(mm) 9.24(cpi) Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: EXTENDED C.39 Image: E	Auto 12345678901234QWERTY Code B
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Character Shape settings Rendering Data source General Code Options Human readable Image: Printer Graphic Symbology Height(mm) Check character CODE 128 11.99 Image: Printer Image: CoDE 128 Image: Printer Image: Printer Image: Printer Image: Printer Image: Printer	Auto 12345678901234QWERTY Code B 12345678901234QWERTY 12345678901234QWERTY



If you have the Error "Bad bar data, 54" You will have to update the Open Date driver for Codesoft.

Creating Shift Codes

Within Codesoft Printer settings & Advanced Enter the Password

Printer settings - Copy of T General Advanced Fond	hermoCode 107M	Σ	<	
Password **** Resident fonts Resident fonts Delete printer font list Delete font Send setting	Resident layouts Resident layouts Current layout Delete the selected layout	Layouts Fonts Network		On Completion Click "Send"
Store fixed images -Network settings Select prin	Send .	Network		
Download ne	w program	Optimize Default Automatic Cancel <u>H</u> elp		

Enter XSYSSHIFT then a space, then the required Shift code. In this case A1, B1, etc. You can have a maximum of 24 shift code changes per day. This example shows 5 shift changes. XSYSSHIFT A1,B1,C1,D1,E1

The maximum shift name is 5 alphanumeric characters.

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Counter(0) ↓ Database(0) ↓ Date(0) ↓ Dote(0) ↓ From(0) ↓ From(0) ↓ Free(0)	Image: Non-state Non-state Non-state T T T Image: Non-state T Image: Non-state

1.Highlight the Free icon. Right click the mouse button. appear.

Double click the left mouse button to open the field.

Var0	
Input Output Counter	
Name Var0	
Variable value	
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Update file after printing	
Delete spaces	
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Change the Name to SYSSHIFT Т

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	[ОК	Cancel	Help



2.

Creating Shift Codes (continued)

This dialog box appears Click on Shared

	Var0
	Input Output Counter
	Name
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	C Local
	© [shared]
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	Delete spaces
	OK Cancel Help
	Click on " OK "
Click on " Tools " T	hen on "Shared variable Management"
	/
\backslash	Click on "Free"
Scoresoft 8,5 Pro (DEMO) - [D: Sument1]	
File Edit View Object Data source Tools Window Help	
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Set password	
ODBC Administrator	
Database(0) OLEDB Administrato	
(x) Formula(0)	ALT+SHIFT+F1
Form(1) Fort Downloader Table lookup(0) Table lookup(0)	ALT+SHIFT+F2
Counter(0)	

In Value, enter the time you require for the shift times.

The times are based on a 24hour clock. (4digits separated by a coma) You can have a maximum of 24 shift code changes per day.

Shared Variables	Management	X	Shared Variables	Management	X
Variables			Variables		╧╳┾┶
Name	Value		Name	Yalue	
sysshift			sysshift	¢600,0900,12	200,1500,1800
	_				
ОК	Cancel	Help	ОК	Cancel	Help

Five shifts, time would by entered in Value as follows. 0600,0900,1200,1500,1800

Creating Shift Codes (continued)

0600 = 6 am, 0900 = 9am, 1200 = 12pm, 1500 = 3pm, 1800 = 6pm. This File is saved in Codesoft7\ Premier\ SYSTEM\ GLOBVAR\ Globvar. Data & can be deleted if required.

Click and hold SYSSHIFT. Then drag and drop on the Page Then click the required feature.



Click on the 12 will display the field content



Utilising Graphic Images & Other fields

1. Click on the "Picture" icon, and then place the cursor within the print area and click again.



Click on the icon, then place the cursor within the print area. Click and hold down to drag the size required.

Notes

Lines & Boxes are sent as printer commands, not graphics.

External object insertion, allows the insertion of any document or file into the label.

The USS/ EAN128 wizard and Maxicode, wizard only works with graphic barcodes.

Shortcut Keys

ALT + F4	Exit the application.	F1	Help	
CTRL + 0	Zoom x 0.5	F2	Open a Documer	ıt
CTRL + 1	Zoom x 1	F3	Save Document	
CTRL + 2	Zoom x 2	F4	Display the Form	
CTRL + 3	Zoom x 3	F5	Select Printer	
CTRL + 4	Zoom x 4	F6	Print	
CTRL + 5	Zoom right out	F7	Open the Text dia	alog box
CTRL + A	Select All	F8	Open the Barcode	e dialog box
CTRL + C	Сору	F9	Display variable r	ame
CTRL + D	Duplicate	F10	Display variable s	ize
CTRL + End	Go to end of paragraph	F11	Display variable v	alue
CTRL + Right arrow	Go to start of next word	F12	Display the Form	
CTRL + Right arrow	Go to start of previous word	SHIFT +	ALT + F2	Font Download
CTRL + Home	Go to start of paragraph	SHIFT +	ALT + F1 to f10	User tools
CTRL + Insert	Сору			
CTRL + N	New Document			
CTRL + O	Open Document			
CTRL + P	Print a Document			
CTRL + S	Save a Document			
CTRL + T	Zoom right out			
CTRL + V	Paste			
CTRL + W	Display variable sizes			
CTRL + X	Cut			
CTRL + Y	Redo			
CTRL + Z	Cancel			
CTRL + F4	Close active window			
CTRL + F6	Move from one document to another			
Shift + F4	Display Variable value			
Shift + F8	Open an ASCII table			
Shift + F9	Create an ODBC query			
Shift + F3	Save Document As			
Shift +Insert	Paste			
Esc	Escape			
End	Go to end of line			
Home	Go to beginning of line			