



# IQ Retail - TECHNICAL SPECIFICATIONS (2019)

25 Quantum Road | Moonstone Building | First Floor | Technopark | Stellenbosch | 7600 Tel: +27 21 880 0420 | Fax: +27 21 880 0488 | Email: info@iqretail.co.za | www.iqretail.co.za VAT Number: 4760205510 | Company Reg. 2000/020305/07

# PREFACE

This is the technical specifications guide for IQ Retail Accounting Software Systems. It will cover in detail, the technical specifications which are applicable to all IQ Accounting Software related systems.

The technical specifications document will by no means make an expert of you, but it will aid in configuration of Windows Operating Systems in order for IQ Accounting Software Systems to function correctly.

Although every effort has been made to keep this document up-to-date, some of the screen examples may not be exactly the same as the those reflected in previous versions of Microsoft Operating Systems. This is due to the continuous development of Microsoft.

Unfortunately, there will be a discrepancy from time to time. We do apologize for the inconvenience that it may cause.

Should you feel that the technical specifications document is inadequate or requires further explanation or more and better examples, please feel free to email us.

We would love to have some feedback in order to improve the technical specifications document in some way or another.

Regards,

IQ Retail



# Contents

1		TEC	HNIC	AL SPECIFICATIONS – ALL SYSTEMS	5
	1.:	1	SUP	PORTED OPERATING SYSTEMS	5
	1.2	2	HAR	DWARE REQUIREMENTS	5
		1.2.2	1	BUSINESS INTELLIGENCE SERVER REQUIREMENTS	5
		1.2.2		WORKSTATION REQUIREMENTS: (MAXIMUM 10 USER SETUP)*	5
			3	STANDALONE SERVER REQUIREMENTS: (MAXIMUM 10 USER SETUP)*	6
			SUP	PORTED NETWORKING OPTIONS	6
			ANT	I-VIRUS	6
1		5	PRIN	ITERS, SCANNERS AND PRINTING	6
		1.5.2	1	POS PRINTERS	6
		1.5.2	2	CASH DRAWERS	7
		1.5.3	3	HANDHELD SCANNERS	7
		1.5.4	1	GENERAL PRINTING	7
2		DRI\	/E M/	APPINGS	7
	2.:	1	NET	WORK DRIVE MAPPING	7
	2.2	2	SHO	RTCUT SETUP IN WINDOWS	10
3		CON	1PAT	IBILITY	17
	3.:	1	DISA	BLE WRITE CACHING ON THE HARD DRIVE	17
	3.2	2	OPP	ORTUNISTIC LOCKING	20
		3.2.2	1	STEPS TO FOLLOW	21
	3.3	3	NET	WORK CARD SETUP	23
	3.4	4	OFFI	LINE FILES SETTING	28
		3.4.2	1	DISABLE THIS OPTION WITHIN YOUR WINDOWS OPERATING SYSTEM	. 28
4		WIN	DOW	/S 7	31
	4.:	1	ADD	ITIONAL WINDOWS SETTINGS	31
		4.1.2	1	DISABLE USER ACCOUNT CONTROL (UAC)	31
	4.	2	REG	ISTERING THE OCX FILE	33
		4.2.2	1	OCX FILE	33
		4.2.2		HOW TO REGISTER THE VCF15.OCX FILE IN WINDOWS XP	34
		4.2.3		HOW TO REGISTER THE VCF15.OCX FILE IN WINDOWS 7 PROFESSIONAL x32	35
		4.2.4	1	HOW TO REGISTER THE VCF15.OCX FILE IN WINDOWS 7 PROFESSIONAL x64	37
	4.3	3	PRE	FFERED SECURITY SETTINGS	38
		4.3.2	1	IQ ACCOUNTING PACKAGES SETUP IN A SERVER ENVIROMENT	38
	4.4	4	IQRE	EGISTRATIONSERVICE CONNECTION	41

5	SET	TING	UP WINDOWS 2003 AS A TERMINAL SERVER	44
	5.1	INST	ALLATION	44
	5.2	TERI	MINAL SERVER LICENSING	47
	5.3	TERI	MINAL SERVER CONFIGURATION	49
	5.3.	1	TERMINAL SERVICES MANAGER	49
	5.3.	2	TERMINAL SERVICES CONFIGURATION	51
	5.3.	3	REMOTE DESKTOP CONNECTION	53
	5.3.4		TIPS	54
6	UPC	GRADI	E (IQENTERPRISE\IQBUSINESS AND PAYROLL (ONLY)	58
7	HAF	RDWA	RE CONFIGURATION	61
	7.1	POS	PRINTING PERFORMANCE FOR IQENTERPRISE\IQBUSINESS	61
	7.1.	1	LPT PORT CONFIGURATION	62
	7.1.	2	COM PORT CONFIGURATION	65
	7.2	HAR	DWARE SETUP OF IQENTERPRISE AND IQBUSINESS	69
	7.2.	1	PRINTERS	69
	7.3	IQEN	NTERPRISE\IQBUSINESS RECEIPT LAYOUT DESIGN	76



# **1** TECHNICAL SPECIFICATIONS – ALL SYSTEMS

# **1.1 SUPPORTED OPERATING SYSTEMS**

# SUPPORTED:

Windows 2008 Server, Windows 7 Professional (x32, x64) and Windows 7 Ultimate (x32, x64), Windows 8 Professional (x32, x64), Windows 8 Enterprise (x32, x64), Windows 10 Professional, Windows 10 Enterprise and Windows Server 2012.

# **NOT SUPPORTED:**

Windows XP Home, Windows Vista Home, Linux (All Versions), Windows Vista Home Basic, Windows Vista Home Premium, Windows 7 Home Premium, Windows 2008 Home Server, Windows 8 Standard and Windows 10 Home.

**NOTE:** Windows XP Home, Windows Vista Home, Windows 7 Home Premium, Windows 8 Standard Windows 10 Home, will only be supported if installed as a <u>Stand-Alone</u> system, <u>NOT</u> supported running across any network.

# **1.2 HARDWARE REQUIREMENTS**

#### 1.2.1 BUSINESS INTELLIGENCE SERVER REQUIREMENTS

#### 1.2.1.1 Recommended Software Requirements

Software: .Net Framework 4.0

**Memory:** Your server will need additional memory (RAM) to run the BI server. This can be calculated by taking the size of your IQ Data (divided by 10) \* 1.3 (allows for 30% growth).

Example: 20GB / 10 \* 1.3 = 2.6GB MEMORY

#### 1.2.2 WORKSTATION REQUIREMENTS: (MAXIMUM 10 USER SETUP)\*

#### 1.2.2.1 Minimum Requirements

**Processor:** CORE 2 DUO CPU or Higher (No Celeron or Sempron CPU's) **Memory** 2GB RAM **Hard Drive:** 80GB

Network: Gigabit Network Card/Adapter

**UPS:** (Uninterrupted Power Supply)

# 1.2.2.2 Recommended Requirements Processor: CORE 2 DUO CPU or Higher (No Celeron or Sempron CPU's) Memory: 4GB RAM Hard Drive: 120GB Network: Gigabit Network Card/Adapter UPS: (Uninterrupted Power Supply)



#### 1.2.3 STANDALONE SERVER REQUIREMENTS: (MAXIMUM 10 USER SETUP)\*

#### 1.2.3.1 Minimum Requirements

Processor: CORE 2 DUO CPU or Higher (No Celeron or Sempron CPU's) Memory 8GB RAM Hard Drive: 320GB Network: Gigabit Network Card/Adapter UPS: (Uninterrupted Power Supply)

#### 1.2.3.2 Recommended Requirements

**Processor:** CORE 2 QUAD CPU or Higher (No Celeron or Sempron CPU's) **Memory:** 16GB RAM **Hard Drive:** 500GB

Network: Gigabit Network Card/Adapter

**UPS:** (Uninterrupted Power Supply)

**\*NOTE**: If you have 10 users or more on your network, we strongly recommend you speak to your IQRetail Value Added Reseller regarding the system requirements recommended for your specific environment.

# **1.3 SUPPORTED NETWORKING OPTIONS**

We do **NOT** recommend or support Wireless Networking for any setup. The recommended setup is a Gigabit Network Card/Adapter.

**NOTE:** We do **NOT** support peer to peer networks. We require a switch between 2 terminals for the managing of data being sent from one computer to another.

**NOTE:** For new installations that are more than two computers (e.g.: server and terminal) cloning of hard drives is not a supported option. The reason for this is that the registration process of the IQ Accounting Systems uses specific hardware serial numbers and the cloning of a hard drive will cause registration problems.

# 1.4 ANTI-VIRUS

We currently recommend NOD32 Anti-Virus Software.

**NOTE:** <u>NO</u> ant-virus program is allowed to scan any IQ Systems data files. Set the anti-virus programs scanning to exclude all IQ related data files.

# **1.5 PRINTERS, SCANNERS AND PRINTING**

#### 1.5.1 POS PRINTERS

We suggest any Epson compatible Slip/Receipt Printers connecting to a COM port, LPT port or USB port. However, we recommend using parallel (LPT) or USB printers, they are much faster and easier to configure and more reliable.

**NOTE:** We currently support or suggest Slip/Receipt Printers connecting to a USB port on the Enterprise 5 system. We only support 40-column receipt printers in the Point Of Sale module.

#### 1.5.2 CASH DRAWERS

We suggest any type of cash drawer that adheres the standard cash drawer design and configuration, connecting to a COM port or direct to printer.

**NOTE:** We do not currently support or suggest Cash Drawers connecting to a USB port.

#### 1.5.3 HANDHELD SCANNERS

We suggest any handheld scanners connecting to a PS2 port (Keyboard Wedge) or USB port.

#### 1.5.4 GENERAL PRINTING

The software packages don't require any special printing needs. You can use your existing printers connecting to a LPT or USB port (Not for POS slip printing needs).

**NOTE:** The Server, Terminals and Network also require a UPS (Uninterrupted Power Supply). All software packages require internet access.

**NOTE:** Due to the nature of today's ever-increasing demand and technology requirements the above minimum requirements may change without prior notice. Please contact IQ Retail (PTY) LTD to obtain the latest hardware and operating system requirements.

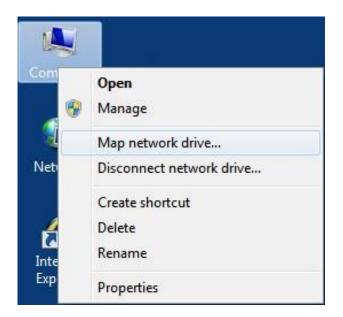
# **2** DRIVE MAPPINGS

# 2.1 NETWORK DRIVE MAPPING



From the menu that appears, select the "map network drive" option.





The "Map Network Drive" screen should next appear. It will automatically default the "Drive" option to the appropriate network drive to be used. This option may be changed, but it is recommended that it should be left as is if not 100% sure

Click on the down arrow for the "Folder" option. A list of the available workstations or servers should appear. If not then click on the "Browse" option to find the available servers or workstations.

What n	etwork folder woul	d you like to map?	
Specify th	e drive letter for the con	nection and the folder that you want to conr	nect to:
Drive:	V:		
Folder:			wse
	Example: \\server\sh	are	
	Reconnect at logo	Description of the	
	Connect using dif	fer Select a shared network folder	
	Connect to a Web sit	<u>ie t</u>	
		Network	
		⊳ j⊑ Server	
		▷ I Server ▷ I Server	
		D I Server	
		⊳ ĵщ Server	

From the list, select the domain or workgroup where your server or the workstation is located. Once you have found your server or workstation, double click that particular workstation or server to open and see which drives are available.



) 횏 Map N	letwork Drive		
	etwork folder would y e drive letter for the connec	you like to map? tion and the folder that you want to connect to:	
<u>D</u> rive:	V:	•	
F <u>o</u> lder:	▼ <u>B</u> rowse		
	Example: \\server\share Reconnect at logon Connect using differ <u>Connect to a Web site t</u>	Browse For Folder Select a shared network folder	
		▶ I Server ▶ I Server ▲ I Server ▲ data	
		▷ ▶ New Folder ▷ ▶ ▶ New Folder ▶ ▶ New Folder ▶ ▶ New Folder	
		Make New Folder OK	Cancel

Now select your server's "C: drive" then click the "OK" button to accept.

0

) 😨 Map N	letwork Drive
What n	etwork folder would you like to map?
Specify th	e drive letter for the connection and the folder that you want to connect to:
openy in	
Drive:	V: •
F <u>o</u> lder:	<u>\\Server\data</u> ▼ <u>B</u> rowse
	Example: \\server\share
	Reconnect at logon
	Connect using different credentials
	Connect to a Web site that you can use to store your documents and pictures.
	<b>Finish</b> Cance

Your "path" of your mapped network drive has to look the same as the above illustration. To complete the procedure, click the "Finish" button.

# 2.2 SHORTCUT SETUP IN WINDOWS

The shortcut setup is intended only for workstations / terminals where the IQ program will be run. This need not be done on the computer where IQ was installed on.

Before installing IQ on a network, it is assumed that the network software and hardware has already been installed and correctly setup (i.e. all workstations have been mapped correctly to the server) thereby allowing all workstations access to the server with full read and write access permissions.

Before creating the shortcut make sure that Windows Desktop is visible. Place your mouse cursor on an open space of the Desktop, i.e. do not highlight or place the cursor on any desktop icons.

				Folder
			7	Shortcut
	View Sort by Refresh	) )		Contact Microsoft Word Document Journal Document Microsoft Office Access Application Microsoft PowerPoint Presentation
	Paste Paste shortcut Undo Rename NVIDIA Control Panel	Ctrl+Z		Adobe 3D Reviewer Document Microsoft Office Publisher Document WinZip File Text Document
8	SVN Checkout TortoiseSVN New	•		Microsoft Excel Worksheet WinZip File WinZip Zipx File Briefcase
	Screen resolution Gadgets Personalize			bheicase

Now click your right mouse button once.

The following menu should appear. Select the New option followed by the Shortcut option.



P Create Shortcut					
What item wo	uld you like to create	a shortcut for?			
This wizard helps y Internet addresses.	ou to create shortcuts to lo	ical or network progra	ams, files, folder:	s, computers,	, or
Type the location o	of the item:			Browse	
Click Next to contin	iue.				
				Next ]	Cance

The Create Shortcut dialogue box will appear next asking for the location of the item (i.e. the location of the IQWIN.EXE, IQELITE.EXE, IQENTERPRISE.EXE, IQREST.EXE program file) to run the relevant IQ program.

Should you not know the command line path select the "Browse" button. The Browse dialogue will appear next.



e Create Shortcut	
What item would you lil	ke to create a shortcut for?
This wizard helps you to create Internet addresses.	shortcuts to local or network programs, files, folders, computers, or
<u>Iype the location of the item:</u>	Browse
	Browse for Files or Folders
Click Next to continue.	Select the target of the shortcut below:
	Desktop
	<ul> <li>Bavid Kilian</li> <li>Image: Computer</li> </ul>
	Network     Adobe Acrobat 9 Pro Extended
	Make New Folder OK Cance

This dialogue box will open as above by default. Now open "My Computer" by double clicking.

Create Shortcut		
What item would you lik	e to create a shortcut for?	
TU:	C	
This wizard helps you to create s Internet addresses.	shortcuts to local or network programs, files, folders, comp	uters, or
Iype the location of the item:		
ype the location of the item.	Browse.	
	Browse for Files or Folders	
Click Next to continue.	Select the target of the shortcut below:	
	Computer	
	🕨 🏭 Local Disk (C:)	
	🖻 🥅 Local Disk (D:)	
	<ul> <li>▷ □ Local Disk (D:)</li> <li>▷ □ DVD RW Drive (E:)</li> </ul>	
	🖻 🥅 Local Disk (D:)	
	<ul> <li>▷ □ Local Disk (D:)</li> <li>▷ □ DVD RW Drive (E:)</li> </ul>	



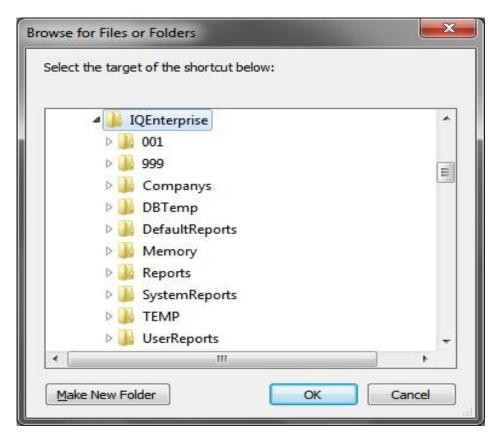
Now the next step is to find your mapped network drive. Remember the mapped network drive we created was called <u>\\Server\data</u>.

Find the mapped drive on the list and double click to open.

What item would you lik	te to create a shortcut for?	
This wizard helps you to create Internet addresses.	shortcuts to local or network programs, files, folders, c	omputers, or
<u>Type the location of the item:</u>		
	-	wse
Click Next to continue.	Browse for Files or Folders Select the target of the shortcut below:	
	▲      ▲ Data on "Server' (V:)     ▶      ▲ IQ2000	
	IQElite     IQEnterprise	
	<ul> <li>IQREST</li> <li>IQRetail</li> </ul>	

Select from the list the IQ2000, IQElite, IQEnterprise directory folder and double click on it with the left mouse button or click on the Open button. (This case we will use IQEnterprise).





Next the contents of the IQEnterprise directory will appear. Locate the file IQEnterprise and either double click on it, or click on the OK button when the IQEnterprise file is highlighted.

	he target of the shortcut below:	
	🗟 iqdeft.csv	A
	iQ IQEnterprise.exe	
	IQEnterprise.ico	
	IQEnterprise.jpg	
	🚳 IQImages.dll	E
	🔄 IQQuick.exe	
	iQ IQRebuild.exe	
	iQ IQReportServer.exe	
	IQReportServer_log.txt	
	iQ IQUpgrade.exe	
	🚳 midas.dll	-
•	III	P P



The Create Shortcut dialogue box will reappear, but this time it should have the Command Line displayed with program path to the IQEnterprise program on the server or the computer it was originally installed on.

What item would you like to create a sho	rtcut for?		
This wizard helps you to create shortcuts to local or ne Internet addresses.	twork programs, t	ïles, folders, compute	ers, or
<u>Type the location of the item:</u>			
V:\IQRetail\IQEnterprise\IQEnterprise.exe 2		B <u>r</u> owse	
Click Next to continue.			

Before continuing, click on the command line field with your left mouse button and type in a **unique numeric** terminal / workstation number, e.g. W:\IQEnterprise\iqenterprise.exe **2**.

The number entered must be in the range from 1 to the number of users permitted by the IQ software, i.e. Should the IQ package be a Network 5 user system then the maximum number of users permitted is 5, allowing a range from 1 to 5 to be entered.

Please make sure that the number that is entered has not been used by another computer.

Please note that user **1** is automatically allocated to the computer where the software was installed on.

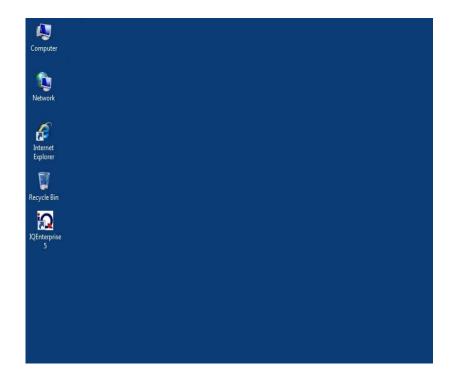
Click the Next button to continue or the Cancel button to cancel shortcut setup. The next dialogue box to appear will ask for a descriptive name for the shortcut to be entered.



🚱 🕫 Create Shortcut	
What would you like to name the shortcut?	
<u>Type a name for this shortcut:</u> [IQEnterprise.exe	
Click Finish to create the shortcut.	
	Finish Cancel

The shortcut name iqelite.exe will already be displayed in this field. Either the shortcut name can stay this way, or it may be altered to display your own shortcut name, e.g. IQ Enterprise.

Once the Finish button has been selected, the name together with the IQ Enterprise logo will appear on your desktop. Should this not happen please try the Setup Shortcut procedures again.





# **3 COMPATIBILITY**

# 3.1 DISABLE WRITE CACHING ON THE HARD DRIVE

There are a few extra settings that need to be setup before you start using the IQ System.

Please follow these few easy steps.



Next, right click on the Drive that has any of the IQ Systems installed on it. Now click Properties.

ystem Tasks       48.8 GB       12.2 GB         Wew system information       Add or remove programs       62.9 GB       7.17 GB         Add or remove programs       DUD Drive       Search       ted Network Drive         Change a setting       Sear for Viruses       ted Network Drive         My Network Places       Mobile Device       Sconfor Viruses         My Network Places       Mobile Device Torribus comported files in Acrobat       Mode remove and the archive         Add to "Archiverar"       Compress and email       Orgony         Control Panel       Compress of "Archiverar" and email       Copy         Create Shortout Respace: 12.2 GB       Copy       Create Shortout Respace       Properties	ss 😼 My Computer	Name 🔺	Туре		Total Size	Free Space	Comments
Control Panel       Compress and email         Compress to "Archive.rar" and email       Compress to "Archive.rar" and email         Compress to "Archive.rar" and email       Compress to "Archive.rar" and email         Compress to "Archive.rar" and email       Compress to "Archive.rar" and email         Format       Copy         cost Disk       Copy         cost Disk       Create Shortcut         Rename       Rename	View system information Add or remove programs Change a setting	Local Disk ( DVD-RW Dr DVD Drive temp on '20 root on 'pro Enterprise Mobile Dev Nero Scout	Open Explore Search Scan for Viruses Sharing and Security Star Combine supported files in Acrobat	ted Network Drive ted Network Drive ted Network Drive ider			
	etails (*) ccal Disk (C:) ical Disk e System: NTFS ee Space: 12.2 GB		Compress to "Archive.rar" and email WinZip Format Create Shortcut Rename	• 			



General       Tools       Hardware       Sharing       Security       Qu         Image: Cocal Disk       Image: Cocal Di	ota
Type: Local Disk File system: NTFS Used space: 39,223,980,032 bytes 36	
File system: NTFS Used space: 39,223,980,032 bytes 36	
Free space: 13.203,918,848 bytes 12	5.5 GB
	2.2 GB
Capacity: 52,427,898,880 bytes 44	8.8 GB
Drive C	isk Cleanup

On this Drive Properties screen, please click on the Hardware tab.

ocal Disk (C:) Prop	erties	? 🛽
General Tools Hard	ware Sharing Security	Quota
All disk <u>d</u> rives:		
Name		Туре
FUJITSU MHW2	120BJ G2	Disk drives
HL-DT-ST DVD+	-RW GSA-T21N 4W SCSI CdRom Device	DVD/CD-R
- Device Properties -		
Manufacturer: (Stan	dard disk drives)	
Location: Location (		
	device is working properly	6.
	Troubleshoot	Properties
(	OK Canc	el <u>A</u> pply

Now click on the "Properties" tab.



UJITSU	MHW2120BJ	G2 Properties	?
General	Policies Volume	s Driver	
	FUJITSU MHW2	2120BJ G2	
	Device type:	Disk drives	
	Manufacturer:	(Standard disk drives)	
	Location:	Location 0 (0)	
	u are having proble the troubleshooter.	ms with this device, click Troubleshoot to	\$
		Troubleshoot	
<u>D</u> evice	usage:		~
		ОКС	ancel

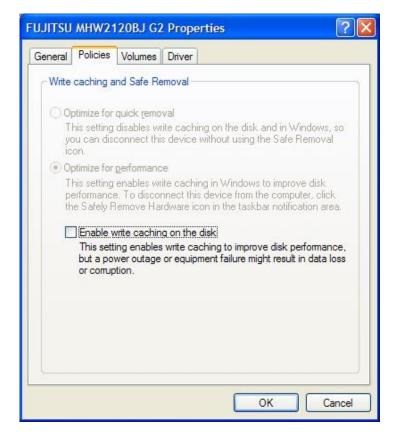
Select the Policies tab.

Now we need to disable the Write Cache on the Hard Drive.

Remove the tick from the "Write cache enabled" box.

Once this has been done, select the OK option.





**NOTE:** This procedure must be done on every terminal using any of IQRetail (PTY) Ltd's range of products.

# 3.2 OPPORTUNISTIC LOCKING

The registry of every terminal/computer needs to have this registration key installed. Opportunistic Locking can be done in two ways, automatically or manually. Please download the file from our website (<u>www.iqretail.co.za</u>). Doing this automatically is quite simple, follow the easy steps below.

**NOTE:** The opportunistic locking option has been incorporated into the IQEnterprise, IQElite, IQPayroll systems. This means that when any of these IQ Systems are installed the opportunistic locking options will be disabled automatically. Ensure that when any of the above-mentioned IQ Systems are installed, that the logged-on user is an Administrator otherwise the opportunistic locking will not be disabled automatically. Below extracts of opportunistic locking successfully disabled in Windows XP and Windows 7 Professional.



Informat	ion 💌
0	Opportunistic Locking has been successfully disabled. Your system must be restarted for the changes to take effect. Please save any unrelated work, close the applications and press OK to restart the computer.
Inform	ation
(į)	Opportunistic Locking has been successfully disabled. Your system must be restarted for the changes to take effect. Please save any unrelated work, close the applications and press OK to restart the computer.
	ОК

**NOTE:** The opportunistic locking for the IQ2000 and IQRestaurant systems have to be done manually. Remember that the logged-on user when installation is done must be an Administrator.

For the manual disabling of opportunistic locking, follow the steps below.

#### 3.2.1 STEPS TO FOLLOW

This file is located at <u>www.iqretail.co.za</u> Product Downloads --> Other Downloads.

Extract the downloaded "reg1.zip" file into your \IQ2000 or \IQRest folder.

A new file called "reg1.reg" should appear. Double click on the "reg1.reg" file.

This will automatically install the file into your computers registry.

Below are the lines adjusted by the installation of this "reg1.reg" file.

[HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\lanman workstation\para meters] "UseOpportunisticLocking"=dword:0000000

# [HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\lanman server\parameter s] "EnableOplocks"=dword:0000000

**NOTE:** Doing this manually is not as simple. Only Qualified IT Professionals should do this manually.

Click on Start, open the Run command. In the blank box please type "regedit". The next step is to find these keys and change them to display as follows;

# [HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\lanman workstation\para meters] "UseOpportunisticLocking"=dword:00000000

## [HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\lanman server\parameter s] "EnableOplocks"=dword:0000000

**NOTE:** The manual procedure must be done by Qualified IT Professionals only!. This procedure must be done on every terminal using any of IQRetail (PTY) Ltd's range of software products.



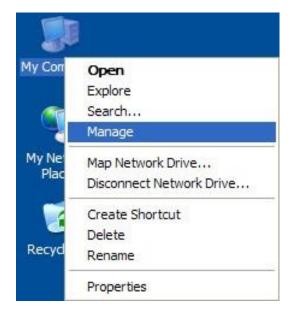
# 3.3 NETWORK CARD SETUP

Some of the new network cards allow the computer to switch off this device to save power. This will cause problems in a networking environment.

This option needs to be disabled.

Please follow the easy steps below.

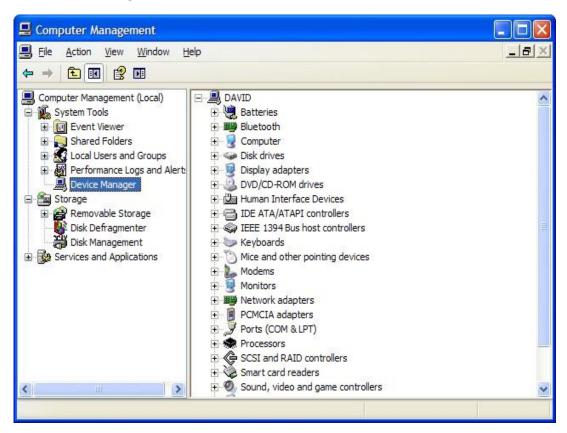
Right click on My Computer, and then click Manage.



The Computer Management Screen will open.



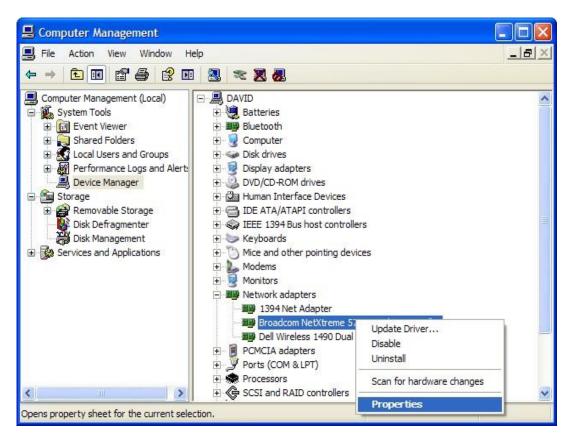
Select Device Manager.



Next step, open your Network Adapter's icon.

Now right click on your network card.

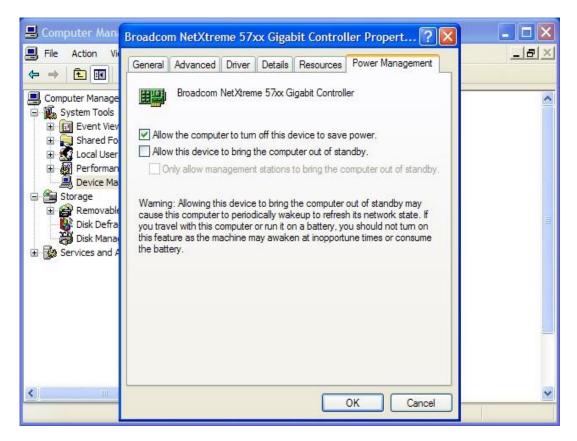
Left click on Properties.



This will open your network card's properties box.

Now click on the Power Management tab.

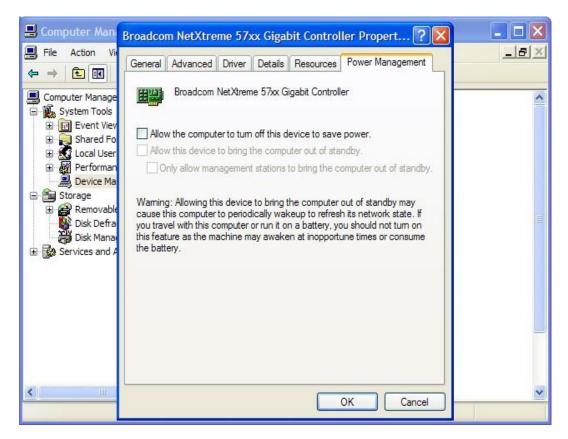




Now disable the option "Allow the computer to turn off this device to save power".

The illustration below shows the option disabled. Now select the OK option.





**NOTE:** This option has to be disabled on all computers/terminals. This procedure must be done on every terminal using any of IQRetail (PTY) Ltd's range of products.



# 3.4 OFFLINE FILES SETTING

Offline files setting within your Windows Operating System has to be disabled. This causes a problem across a networking system when temporary till files are stored locally and not on the actual server.

#### 3.4.1 DISABLE THIS OPTION WITHIN YOUR WINDOWS OPERATING SYSTEM

Please follow these few easy steps.

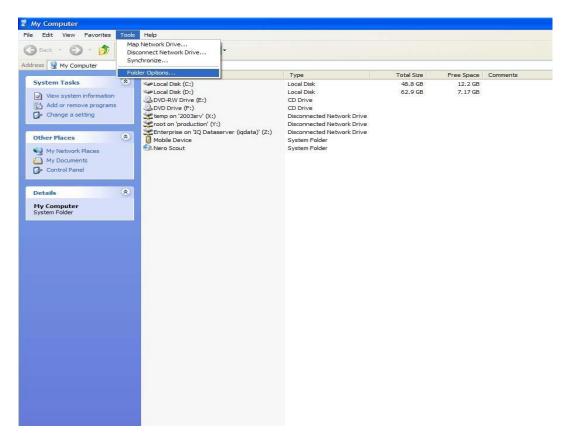
Open my computer (double click).

💈 My Computer					
<u>Eile Edit View Favorites Tools</u>	Help				
🕲 Back - 🕥 - 🎓 🔎 Se	earch 🌔 Folders				
Address 😼 My Computer					
-	Name 🔺	Type	Total Size	Free Space	Comments
System Tasks 🏾 🏝	Second Disk (C:)	Local Disk	48.8 GB	12.2 GB	
View system information	Second Disk (D:)	Local Disk CD Drive	62.9 GB	7,17 GB	
Add or remove programs	DVD Drive (F:)	CD Drive			
Change a setting	😹 temp on '2003srv' (X:)	Disconnected Network Drive			
And the second s	root on 'production' (Y:)	Disconnected Network Drive			
Other Places	Enterprise on 'IQ Dataserver (iqdata)' (Z:)	Disconnected Network Drive System Folder			
	Nero Scout	System Folder			
My Network Places	and the second se				
My Documents     Control Panel					
Control Panel					
Details (*)					
My Computer System Folder					

From the menu on top, select the Tools option.

Select the Folder Options menu option.





Now click on the "Offline Files" tab at the top.

older Optio	ns			?
General View	File Types	Offline Files		
	Offline Files to v ork even when		and programs stored ( onnected.	on the
Enable	Offline Files			
Synchro	onize all offline fi	les when loggi	ng on	
Synchro	onize all offline f	les before logg	ing off	
🔽 Display	a <u>r</u> eminder ever	y:		
	60 🗘 mi	nutes.		
Create a	an Offline Files s	hortcut on the	desktop	
Encrypt	offline files to s	ecure data		
A <u>m</u> ount of	disk space to us	se for temp <mark>ora</mark> r	y offline files:	
6	0	4.89	GB (10% of drive)	
	Delete Files	. Vie <u>w</u> F	iles Ad <u>v</u> ance	d
	C	ок	Cancel	Apply

Disable this option.



Remove the tick mark from the "Enable Offline Files" box.

General	View File	Types Offlir	ne Files	
<b>e</b>			rith files and pr re not connect	ograms <mark>stor</mark> ed on the red.
	nable Offline I	iles		
S	nchronize all	offline files wh	en logging on	
V 5	nchronize all	offline files be	fore logging off	
VD	isplay a <u>r</u> emin	der every:		
	60	ininutes.		
	eate an Offlin	e Files shortcu	it on the deskt	op
E	<u>n</u> crypt offline f	iles to secure	data	
Amou	unt of disk spa	ice to use for I	emporary offlin	e files:
-	-0-		4,89 GB (10	0% of drive)
	Delet	e Files	Vie <u>w</u> Files	Advanced
		ОК		ncel Apply

Now click Apply and Ok.

NOTE: This option has to be disabled on all computers/terminals. This procedure must be done on every terminal using any of IQRetail (PTY) Ltd's range of products.



# 4 WINDOWS 7

# 4.1 ADDITIONAL WINDOWS SETTINGS

# 4.1.1 DISABLE USER ACCOUNT CONTROL (UAC)

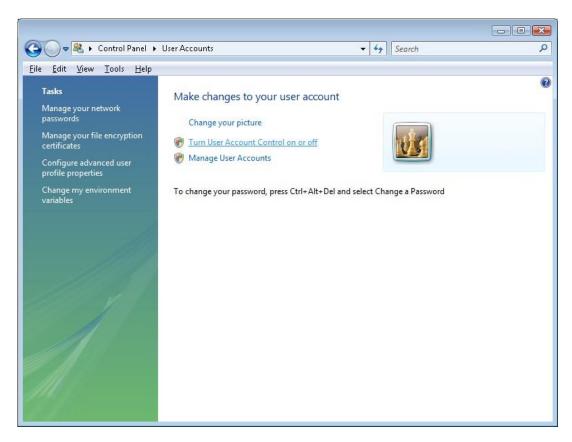
Select Start and then select the Control Panel option.

There are two screen options, the default and the classic view. We will be using the classic view which makes it easier to disable the user account control.

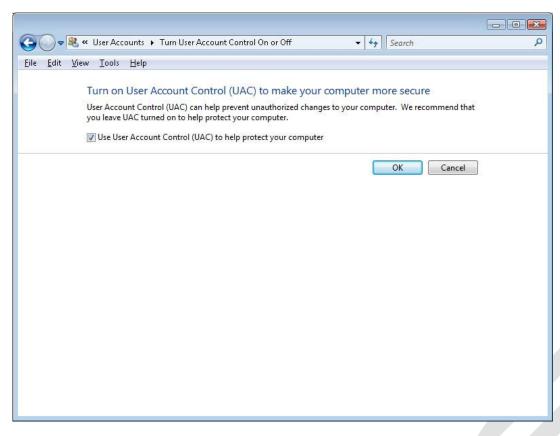
Control Panel +					Sean	ch		2
<u> </u>								
Control Panel Home	Name	Category						^
Classic View		®.			2.4	Asto		
· CRISSIC FICW		-		L			0	
	Nokia	NVIDIA	Offline Files	Pen and		Performance	Personaliz	
	Connecti	PhysX		Input Devices	Me	Informatio		
	1-							
	2	2	5	<b>4</b>	100	(P)		
	Phone and	Power	Printers	Problem	Programs	Regional and	Scanners and	
	Modem	Options	a tunders.	Reports a		Language	Cameras	
		~	0	-	$\cap$	_	-	
10			n P	((0))				
11115			Ŷ	(II)		100		
	Security Center	Sound	Speech Recogniti	Symantec LiveUpdate	Sync Center	System	Tablet PC Settings	
	Center		Recognia	Liveopuate			secongs	
1115 1		<u>A</u>	63			3	220	
						2		E
	Taskbar and	Text to	User	Welcome	Windows	Windows	Windows	
	Start Menu	Speech	Accounts	Center	Anytim	CardSpace	Defender	
			-0>	-				
	The second			13P				
111		-1						
111	Windows Firewall	Windows Sidebar	Windows SideShow	Windows Update				
111	rnewdn	Sidebar	SIGESTION	opuate				-

In the control panel select the User Accounts option.





Select the "Turn User Account Control On or Off" option.





By default, the User Account Control will be enabled. This can be seen by the tick mark in the "Use User Account Control (UAC) to help protect your computer" box.

Remove the tick mark from the "Use User Account Control (UAC) to help protect your computer" box.

CO V 🗟 « User Accounts > Turn User Account Control On or Off 🔹 47 Search	م
<u>Eile Edit View Iools Help</u>	
Turn on User Account Control (UAC) to make your computer more secure	
User Account Control (UAC) can help prevent unauthorized changes to your computer. We recommend tha you leave UAC turned on to help protect your computer.	t
Use User Account Control (UAC) to help protect your computer	
OK Cancel	7
	2

Once completed, select the "OK" option.

Microsoft Windows	X
You must restart your compu changes	ter to apply these
Before restarting, save any open files a	nd close all programs.
Restart No	w Restart <u>L</u> ater

Windows 7 will now ask to restart the computer. Select the Restart Now option in order for your computer to be restarted and the new settings to take effect.

# 4.2 REGISTERING THE OCX FILE

#### 4.2.1 OCX FILE

Windows 7 does not allow the copying of the vcf15.ocx file into the C:\Windows directory upon installation of IQ Accounting Systems. This needs to be done manually. This also happens when the

spreadsheet application is installed. Windows 7 does not allow the copying of the vcf15.ocx file into the C:\Windows\System32 directory.

**NOTE:** Copy the file manually to both directories.

## 4.2.2 HOW TO REGISTER THE VCF15.OCX FILE IN WINDOWS XP

How to register the vcf15.ocx file within Windows XP.

Go to Start -- > Run.

Run				? 🗙
	Type the name of a p Internet resource, an			
Open:	and			~
		Cance	el Brows	

Enter the letters CMD and select the Ok option.

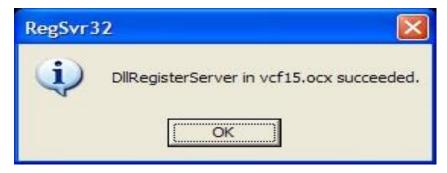
C:\WINDOWS\system32\cmd.exe	_ 🗆 🗙
Microsoft Windows XP [Version 5.1.2600] (C) Copyright 1985-2001 Microsoft Corp.	
C:\Documents and Settings\david>_	

Enter the following: regsvr32 vcf15.ocx





Once completed, a dialogue box will appear stating that the vcf15.ocx file has been successfully registered.

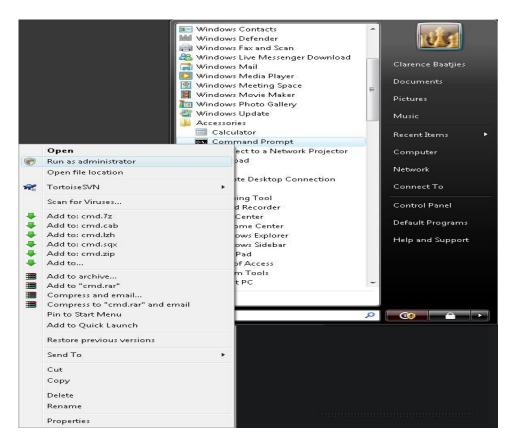


# 4.2.3 HOW TO REGISTER THE VCF15.OCX FILE IN WINDOWS 7 PROFESSIONAL x32

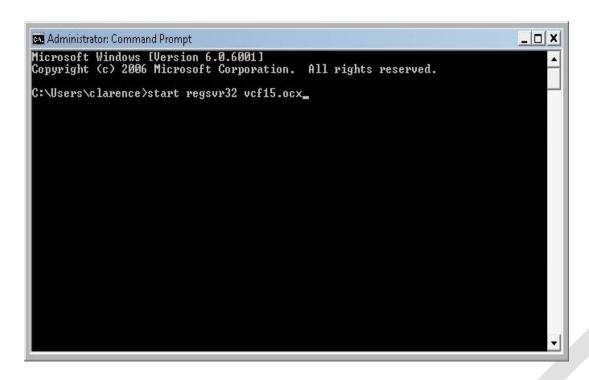
How to register the vcf15.ocx file within Windows 7.

Go to Start -- > All Programs -- > Accessories and then right-click on command prompt and select Run as Administrator.

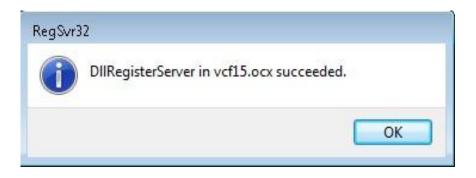




Once the command prompt appears, enter the following: start regsvr32 vcf15.ocx



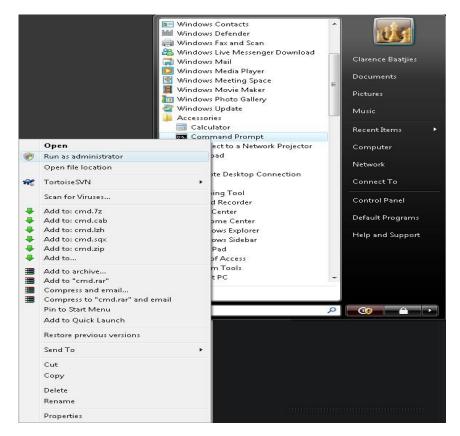
Once completed a dialogue box will appear stating that the vcf15.ocx file has been successfully registered.



### 4.2.4 HOW TO REGISTER THE VCF15.OCX FILE IN WINDOWS 7 PROFESSIONAL x64

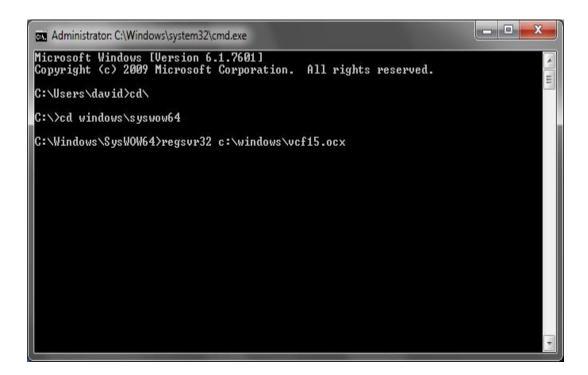
How to register the vcf15.ocx file within Windows Professional.

Go to Start -- > All Programs -- > Accessories and then right-click on command prompt and select Run as Administrator.

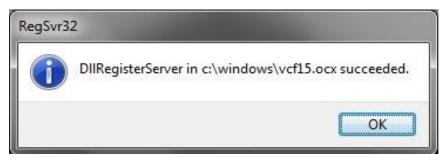


Once the command prompt appears, change the directory to the following: C:\Windows\SysWOW64>





Once the directory has been changed successfully, enter the following to register the vcf15.ocx file: regsvr32 c:\windows\vcf15.ocx.



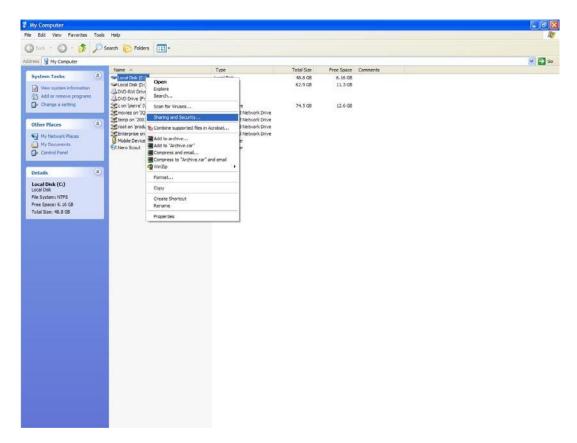
## 4.3 PREFFERED SECURITY SETTINGS

### 4.3.1 IQ ACCOUNTING PACKAGES SETUP IN A SERVER ENVIROMENT

The next few steps will show the preferred method of setting up Security within the Windows Operating System for IQ Accounting Software packages in a Server environment. Once the mapped drives are setup, the security on the shared drive should be setup accordingly.

**NOTE:** If the security is not configured correctly it will result in workstations that won't be able to write to the database and therefore transactions will not be recorded.





Double click my computer. Next choose the Drive that will be shared on the server. Right click on the drive and select the Sharing and Security option.

ocal Disk (C:)	Properties	5			?
General Tools	Hardware	Sharing	Security	Quota	
	an share this k. To enable				are this
O Do <u>n</u> ot sha	re this folder				
• Share this f	folder				
Share name:	С				*
Comment:					
User limit:		m allowed	1		
	◯ Allo <u>w</u> th	nis number	of users:		\$
To set permiss folder over the				Permissi	ons
To configure s Caching.	ettings for of	fline acce	ss, click	Cachir	P
		Remov	re Share	N <u>e</u> w Sh	are
Windows Firewa with other comp			w this folder	rto be sha	red
View your Wind	ows Firewall	<u>settings</u>			
	<u>г</u> о		Cancel		Apply

The sharing options allows one to specify a share name and specify the number of users and allows for setting permissions. All that is required is specifying a share name.

**NOTE:** The important part here is keep the share name simple and make sure that the users have full read and write access on the shared drive.

rmissions for C		?
Group or user names:		
	Add	emove
Permissions for Everyone	Allow [	Deny
Full Control		
Change Read		
neau		
	Cancel	

Select the permissions option. The share permissions allow one to specify access for the shared drive.

**NOTE:** The important part here is to make sure that the Full Control, Change and Read options are selected. This means that the users accessing the shared drive will be able to read, write and access the drive. This in turn is required for the IQ System to function correctly.

Once the shared drive permissions have been set, select the apply option.



ocal Disk (C:) Properties		?
General Tools Hardware Sha	aring Security	Quota
Group or user names:		
Administrators (DAVID\Admi	nistrators)	
🕵 Everyone		
SYSTEM		
🔢 Users (DAVID\Users)		
	A <u>d</u> d	<u>R</u> emove
Permissions for Everyone	Allow	Deny
Full Control	~	
Modify	~	
Read & Execute	<b>~</b>	
List Folder Contents	<b>~</b>	
Read		
Write	~	
Coosial Domissions	E.	- F 💌
For special permissions or for adv click Advanced.	anced settings,	Advanced
ОК	Cancel	Apply

Select the security tab at the top. Here the NTFS permissions need to be set in order for the shared drive permissions to function correctly. Select the "Everyone" users then set the permissions for "Everyone" by selecting all the options under the "Allow" column.

Once complete, select the Apply and Ok options.

## 4.4 IQREGISTRATIONSERVICE CONNECTION

The next step in configuring the Windows Operating System is to make sure that the IQRegistrationService is not blocked by the built in Windows Firewall. The IQRegistrationService must be added to the Windows Firewall as an exception so that the firewall does not block any workstation connections.

Select Start -- > Settings -- > Control Panel and select the "Windows Firewall" option.



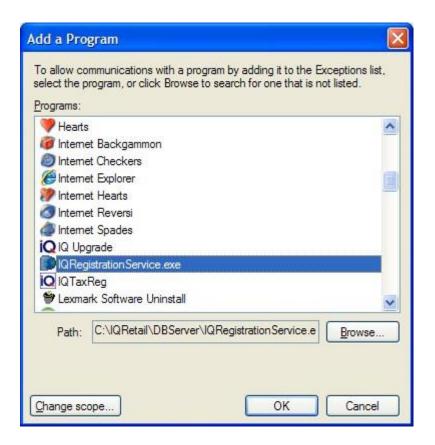
<u>E</u> dit <u>View</u> F <u>a</u> vorites <u>T</u> ools	Help						
) Back + 🕥 + 🏂 🔎 S	Gearch 🔀 Fo	olders 🔝 -					
ess 🗗 Control Panel							<b>~</b>
Control Panel	Ġ,	2	10	-	2	Å	P
Switch to Category View	Accessibility Options	Add Hardware	Add or Remov	Administrative Tools	Automatic Updates	Bluetooth Local COM	Date and Time
See Also	R	I		Solo and a second	몲		<b>*</b>
🍪 Windows Update	Display	Folder Options	Fonts	Game Controllers	Internal NIC Configuration	Internet Options	Java
Help and Support	1		C				
	Keyboard	Mail	Mouse	Nero BurnRights	Network Connections	NVIDIA Control Panel	NVIDIA nView Desktop M
		4		۲	3	3	۲
	Phone and Modem	Power Options	Printers and Faxes	Regional and Language	Scanners and Cameras	Scheduled Tasks	Security Center
	Ī	O,	2	(m)	30		<u>8</u> 2
	SigmaTel Audio	Sounds and Audio Devices	Speech	Symantec LiveUpdate	System	Taskbar and Start Menu	User Accounts
	3	0					
	Windows CardSpace	Windows Firewall	Wireless Network Set				

Once selected, from the next screen select the exceptions tab.

Programs and Servic	es:	Come Baller	
		Group Policy	
ActiveSync App		No	
Active Sync Cor		No	
ActiveSync RA		No	
Active Sync Ser	vice	No	
File and Printer	Chantan	Yes	
GAIM	Shanng	Yes	
		Yes	
IQFeature Regu	est	Yes	
✓ LiveSupport	GGL	Yes	
V Live Support		Yes	~
Live Subbon		Edit	Delete

The firewall must not block any incoming connections on ports 12007 and 12008. Select the "Add Program..." option.





Once the IQRegistrationService has been located from the list of programs, select it and click the Ok option.



eneral Exception	Advanced		
programs and serv	rices selected below. Ac might increase your sec	work connections, except fo Iding exceptions allows some unity risk.	
Name	107701	Group Policy	~
Active Sync A	pplication	No	
Active Sync C	Connection Manager	No	
ActiveSync F	RAPI Manager	No	=
Active Sync S	Service	No	
Editor		No	
File and Print	er Sharing	Yes	
GAIM		Yes	
✓ INT		Yes	
☑ IQFeatureRe	quest	Yes	
☑ IQRegistratio	nService	No	
<b>I</b> I imeWire		No	×
	Add Port	irewall blocks a program	<u>)</u> elete

Select the Ok option in order to complete the adding of the IQRegistrationService as an exception to the Windows Firewall.

**NOTE:** When using mapped drives IQ will attempt to find the IP Address of the server by doing either a NetBIOS broadcast or DNS lookup depending on the network configurations. IQ needs the IP Address to establish a connection to the IQRegistrationService. If IQ can't establish a connection to the IQ Server the application will refuse to start.

# 5 SETTING UP WINDOWS 2003 AS A TERMINAL SERVER

## 5.1 INSTALLATION

Open the 'configure your server' wizard from Administrative Tools and in the select a role section, choose Terminal Server and click Next twice to confirm your actions. The wizard will then start to install the required files and warn you that the machine will have to be restarted during the installation process. Close any open programs and select OK.

Applying Selections       Image: Selection of the selected role to this server.         Installing Terminal Server       Image: Selection of the selected role to this server.         figure Your Server Wizard       Image: Selection of the selected role to this server.         figure Your Server Wizard       Image: Selection of the selected role to this server.         figure Your Server Wizard       Image: Selection of the selected role to this server.         figure Your Server Wizard       Image: Selection of the selected role to this server.         Image: Selection of the selected role to this server.       Image: Selection of the selected role to this server.         figure Your Server Wizard       Image: Selection of the selected role to this server.         Image: Selection of the selected role to this server.       Image: Selection of the selected role to this server.         figure Your Server Wizard       Image: Selection of the selected role to the selected role to the selected role to the server.         Image: Selection of the selected role to t	nfigure Your Server Wiza	rd				
figure Your Server Wizard uring this process, the Configure Your Server Wizard restarts your computer. Before continuing, close any open pro		ver Wizard is adding the :	selected role to th	nis server,		R
figure Your Server Wizard uring this process, the Configure Your Server Wizard restarts your computer. Before continuing, close any open pro	Installing Terminal Serv	er				
uring this process, the Configure Your Server Wizard restarts your computer. Before continuing, close any open pro						
uring this process, the Configure Your Server Wizard restarts your computer. Before continuing, close any open pro						
uring this process, the Configure Your Server Wizard restarts your computer. Before continuing, close any open pro						
	jure tour server wizard	NS 17 1975 14	100	04 - 0.6450	N 10 N	
Cancel	n new new wa	re Your Server Wizard rea	starts your compu	iter. Before co	ntinuina, close	any open progra
	n new new wa			iter. Before co	ntinuing, close	any open progra
	n new new wa			iter. Before co	ntinuing, close	any open progra
	n new new wa			uter. Before co	ntinuing, close	any open progra
	n new new wa			uter. Before co	ntinuing, close	any open progr
	n new new wa			uter. Before co	ntinuing, close	any open progr.
	n new new wa			iter. Before co	ntinuing, close	any open progr
< Back Next > Cancel Help	n new new wa			Liter. Before co	ntinuing, close	any open progr

**NOTE:** The installation will continue for a few minutes before the machine is restarted. After the machine has rebooted and the administrator user has logged on, the next screen confirms that the server computer is now a terminal server.





NOTE: It is important to take note that a 120-day evaluation period has been allocated for unlicensed clients. If you do not obtain a license within that period then terminal services clients will no longer be able to initiate a session. Select the finish option to proceed.

## 5.2 TERMINAL SERVER LICENSING

This is probably where the most changes have been made. Microsoft has introduced a 'per user' license to add to the already familiar 'per device' method.

To make your machine a terminal server license server you will have to install it separately. This can be done from the windows components wizard section in the add/remove window from the control panel.

indows Components	
You can add or remove components of Windows.	
To add or remove a component, click the checkbo part of the component will be installed. To see wha Details.	
Components:	in a trial
✓ y Terminal Server	0.0 MB
Terminal Server Licensing	0.7 MB
UDDI Services	4.9 MB
🗹 🔤 Update Root Certificates	0.0 MB
I I - Mindows Deployment Services	34.0 MB 💻
Description: Includes Windows Accessories and L Total disk space required: 4.0 MB Space available on disk: 13134.9 MB	Jtilities for your computer.

Once you have installed this option your server will be listed in the terminal server licensing console. You will have to activate the server before it can start distributing licenses. Activation of the licensing server can be done via a direct connection to the internet, a web browser or over the telephone. The following is a screenshot of the terminal server licensing console demonstrating what you would have to do to start the activation process.



👕 Terminal Server Lice	ensing		<u>-0×</u>
Action View Help			
□ 0 <sup>-</sup> 0 <sup>-</sup> 0 <sup>-</sup> 0 <sup>-</sup> 0 <sup>-</sup>			
🕀 📑 All servers	Name	Activation Status	
I → → All servers	Name		

This will bring up a wizard asking you to enter details and select options to suite your needs. Follow the on-screen instructions and press Finish when you are done.



## 5.3 TERMINAL SERVER CONFIGURATION

The two main applications used to configure the terminal server are:

- Terminal Services Manager (completely re-written in Windows 2003)
- Terminal Services Configuration

(They can both be found in the administrative tools folder in control panel, or on the start menu).

#### 5.3.1 TERMINAL SERVICES MANAGER

When you select the server name you can choose to view and manage the Users, Sessions or Processes tab. The green icons indicate that the server is online. If you had to disconnect it, the icons would be grey.

The Users tab allows you to see who is connected, how long they have been connected and the state of their connection. If you select a user and right click you can disconnect or reset the user's session, send a message (which will be displayed as a pop-up message box on the client side), view the status or log the person out of the terminal server session.

The Sessions tab permits the viewing and control of the terminal server sessions. You can right click a session and select the status to see the incoming and outgoing data or reset to reset the session.

The processes tab shows all the processes that are running and which user they belong to (this is a simplified version of the processes tab found on the windows task manager).

Select a user, click the right mouse button and choose 'end process' to kill the process.

The image below shows the Terminal Services Manager with an active connection initiated by a user (David).



This computer	Users Sessions	Processes	1			
RDP-Tcp (listener)	Server	User david	Session Console	ID	State Active	Idle Time
All Listed Servers	TR-SERVER	david	RDP-Tcp#1	1	Active	26

If you select the RDP-Tcp#1 (username) option you can view the processes and session information specific to that user.

**NOTE:** The number represented next to the RDP-Tcp (#1) number will be different for each session.

'Favorite servers' will list all the servers that you have added as a favorite – This can be done by right clicking a server and selecting the 'add to favorites' option.

You are able to connect to multiple terminal servers by press Actions > Connect to computer. These will be listed in the 'All Listed Servers' node.



#### 5.3.2 TERMINAL SERVICES CONFIGURATION

🛱 tscc - [Terminal Services Config	uration\Connec	tions]			
Eile Action View Help					
Terminal Services Configuration	Connection	Transport	Туре	Comment	
Connections ⊡⊡ Server Settings	RDP-Tcp	tcp	Microsoft RDP 5.2		

Any connections that have been setup will be displayed in the connections part of the console. Double click a connection to open the properties page.

Remote Control	Client Settings	Network Adapter	Permission
General	Logon Settings	Sessions	Environment
Туре:	Microsoft RDP 5.2		
Transport:	tcp		
<u>C</u> omment:			
Security			
Security layer	: [	RDP Security Layer	•
RDP encrypti			e native
		r and the client will us	e native
RDP encrypti	on. vel: [	r and the client will us Client Compatible d the server is protec	
RDP encrypti <u>Encryption lev</u> All data sent t	on. vel: [ between the client an	Client Compatible	▼ ted by
RDP encrypti Encryption lev All data sent l encryption ba	on. vel: [ between the client an	Client Compatible d the server is protec	▼ ted by
RDP encryption lev Encryption lev All data sent l encryption ba client.	on. vel: [ between the client an ised on the maximum <none></none>	Client Compatible d the server is protec	ted by ad by the



<u>General:</u>	Add a comment, change the encryption level, enable standard windows authentication.					
Logon Settings:	Select whether or not to always use the same credentials for logging on, enable 'always prompt for password'.					
Sessions:	Select whether to override the user's settings with a set of predefined settings.					
Environment:	Choose to override settings of a user profile and run a program when the user logs on.					
Remote Control:	Change the way the remote control facility is used, disable remote control.					
Client Settings:	Change connection, colour and mappings settings.					
<u>Network Adapter:</u>	Specify the type of network adapter you want to use and change the connection limit.					
Permissions:	Specify the user permissions (who has access to the terminal server and who doesn't).					

The server settings section enables you to modify the settings of the server. Double click a setting from the list to bring up the appropriate window and be given the option to make a change.

🚔 tscc - [Terminal Services Configu	ration\Server Settings]		<u>_   ×</u>
Eile Action View Help			
Terminal Services Configuration Connections E Consections	Settings BDelete temporary folders on exit BDUse temporary folders per session BDLicensing	Attribute Yes Yes Per Device	
Delet	Active Desktop e Temporary Folders	Disable	
ſ	lete temporary folders on exit <u>Ves</u> <u>No</u> OK	Cancel	
	6		

Each setting shown in the above window is self-explanatory. The settings in the list each have an attribute which you can set according to your preferences.

Terminal Services give you the opportunity to provide a secure and reliable tool to employees. Microsoft has built on the success of Terminal Server in Windows 2000 and come up with new solutions to meet user's needs.

Better manageability and user friendliness are just two of the improved features worth mentioning.

#### 5.3.3 REMOTE DESKTOP CONNECTION

Remote Desktop Connection is installed by default on Windows XP but can also be downloaded as a separate application from the Microsoft website. This is used to initiate a terminal services session from the client side. To open it navigate to Accessories -- > Communications -- > Remote Desktop Connection on the Start menu.

🐮 Remote		
9	Remote Desktop Connection	
<u>C</u> omputer:	IQSERVER 💌	
User name:	Administrator	
You will be a	sked for credentials when you connect.	
	Connect Cancel Help	Options >>

The image below shows the general tab of the Remote Desktop Connection window, which was expanded by selecting the "Options" button on the original window.



🐮 Remo	te Desktop Connection
9	Remote Desktop Connection
General	Display Local Resources Programs Experience Advanced
	settings         Enter the name of the remote computer.         Computer:       Image: Computer.         User name:       Administrator         You will be asked for credentials when you connect.         Image: Allow me to save credentials
Connec	ction settings Save the current connection settings to an RDP file or open a saved connection. <u>Save</u> Sa <u>v</u> e As Op <u>e</u> n
	Connect         Cancel         Help         Options <<

In this tab you can save your connection settings for future use, specify which computer you want to connect to and supply the logon credentials. The other tabs are used for performance related options like the display size and colour, speed and placement of resources.

Once you have entered the correct logon details press connect to initiate the session. It is likely that you will be asked to re-enter the logon credentials unless the administrator has disabled the option from the terminal server.

### 5.3.4 TIPS

- If you want to connect to a terminal server via the command prompt you can do so by typing the following: "mstsc -v:servername /F –console". 'mstsc' represents the remote desktop connection executable file, -v specifies which server to connect to, /F is for full screen mode, and – console to indicate that you want to connect to the console.
- If you need to install a terminal services client for the MAC OS you can download it from <u>here</u>. Once it is setup, (given that you have network access and the right permissions) this will allow you to connect to a windows-based operating system running terminal services from a Macintosh computer.
- You can allow users to automatically logon to a session without having to type the username and password each time they initiate a connection. To do this two things have to be done.
- From the server side, open Group Policy Object Editor (gpedit.msc), double click Administrative Templates -- > Windows Components -- > Terminal Services and then choose Encryption and Security. Open the properties box of 'Always prompt client for password upon connection' and disable it.
- From the client side, open Remote Desktop Connection, and in the general tab enter the logon credentials in the appropriate boxes.



- The web client can be installed from the Add/Remove windows components. Go to the World Wide Web components section in the IIS 6.0 option. From there you can find and install Remote Desktop Web Administration.
- Available in the Windows 2003 resource kit is a self-extractable file called tsscalling.exe. This contains a set of tools that will aid with the scalability planning of terminal services.
- Each application you run uses up valuable resources, which might be needed by other users so close any programs or windows that you are not actively using.
- If you want to remotely restart a terminal server on the network you can use the tsshutdn command. The syntax is as follows:

tsshutdn wait\_time /server: server\_name /reboot /powerdown /delay: log\_off\_time

wait\_time is the number of seconds you want to wait before the user is logged off from a session. The default time is 60.

server\_name specifies the name of which terminal server you want to shut down.

log\_off\_delay is the amount of time to wait, after users have been logged off from the session, before all processes are ended and the computer is shutdown. The default time is 30 seconds.

- Instead of just disconnecting from a session or closing the remote desktop window, log off

   this will free up resources for other users.
- By default, Terminal Services runs on TCP and UDP port 3389. If for some reason you have to change that you can do so by open the registry editor (regedit.exe) and navigating to the

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\TerminalServer\WinStations\ RDPTcp key. Look for the DWORD PortNumber and edit that to your needs.

• Run disk defragmenter on the terminal server to keep the disk clean, fast and 'healthy'

Remo	te Desktop Connection	
9	Remote Desktop Connection	1
General	Display Local Resources Programs Experience	Advanced
Logon	settings	
	Enter the name of the remote computer.	
	Computer: IQSERVER	*
	User name: Administrator	
	You will be asked for credentials when you connec	t.
	✓ Allow me to save credentials	
Connec	tion settings	
1	Save the current connection settings to an RDP file saved connection.	e or open a
	Save Sa <u>v</u> e As	0p <u>e</u> n
	Connect Cancel Help	Options <<

The Remote Desktop shortcut must be setup so that the user will connect and login to the IQServer automatically.

Select the "Local Resources" option. Select the Printers option and deselect the Clipboard option. This must be setup so that IQ will know where to print.



Remote	Desktop Connection	
<b>M</b>	Remote Desktop Connection	A
General   Di	splay Local Resources Programs Exp	erience Advanced
Remote co	mputer sound	
	Bring to this computer	~
	In full screen mode only	~
	In full screen mode only	*
Local devic	ces and resources	
1	Select the devices and resources you wa remote session:	nt to use in your
-	Printers Clipboar	đ
	More	
	Connect Cancel H	elp Options <<

A shortcut must be created on the desktop for every terminal user and every shortcut must have a unique terminal number.

QEnterprise 5	Properties ?
General Shortc	ut Compatibility Security
	Enterprise 5
Target type:	Application
Target location	IQEnterprise
<u>T</u> arget:	C:\IQRetail\IQEnterprise\IQEnterprise.exe 1
<u>S</u> tart in:	C:\IQRetail\IQEnterprise
Shortcut key:	None
<u>R</u> un:	Normal window
Comment:	
Eind	Target Change Icon Advanced
	OK Cancel Apply

**NOTE:** Only 1 IQ Installation per site or subnet. Meaning that there will only be 1 IQRegistrationService accepting a connection on the network.

**NOTE:** IQ should only be installed on the IQ server directly. An installation should never be done from a network location i.e. mapped drive or UNC path.

# 6 UPGRADE (IQENTERPRISE\IQBUSINESS AND PAYROLL (ONLY)

A few easy to follow guidelines on "how to upgrade from a previous version of IQEnterprise to a newer version"

Please follow the easy steps below:

Make sure everybody is logged out of the IQEnterprise system. Install the new IQEnterprise installation file. A table upgrade needs to be done in order for the updates to take effect.



Double click "My Computer" on the desktop.

Find the drive where the IQEnterprise program was installed.

My Computer						
le Edit ⊻iew Favorites	Tools	Help				
🕽 Back - 🕥 - 🏂	∫⊂ s	earch 🍋 Folders 🛄 🗸				
iress 🙀 My Computer						
		Name 📥	Туре	Total Size	Free Space	Comments
System Tasks	۲	Second Disk (C:)	Local Disk	48.8 GB	12.2 GB	
View system information		Cocal Disk (D:)	Local Disk CD Drive	62.9 GB	7.17 GB	
Add or remove programs		DVD Prive (F:)	CD Drive			
Change a setting		settemp on '2003srv' (X:)	Disconnected Network Drive			
		Proot on 'production' (Y:) Enterprise on 'IQ Dataserver (iqdata)' (Z:)	Disconnected Network Drive Disconnected Network Drive			
Other Places	۲	Mobile Device	System Folder			
Ny Network Places		Nero Scout	System Folder			
My Documents						
Control Panel						
Details	۲					
My Computer						
System Folder						
Construction of the second second						

Double click on the drive where the IQEnterprise program was installed.



cal Disk (C:)					
Edit View Favorites Tools	Help				
Back - 🔘 🎁 🔎	Search 😥 Folders 🛄 •				
	THE RESIDENCE REPORT				× 🖻
and the second	None -	Size Ty	pe .	Date Modified	
rstem Tasks 🛞	, pos		Folder	08/08/2008 16:33	
	Conversions	Fie	Folder	22/10/2008 09:53	
Hide the contents of this	Documents and Settings		Folder	12/08/2008 20:47	
Add or remove programs	iga iga	File	Folder	14/10/2008 15:15	
Search for files or folders	1Q2000	File	Folder	22/10/2008 09:49	
a set of the they of those s	C IQBuildit		: Folder	07/10/2008 10:00	
	CatQEite		Folder	22/10/2008 11:03	
le and Folder Tasks	1QEnterprise		Folder	17/10/2008 15:32	
and a contract of the second	[] IQPayrol		: Folder	15/10/2008 11:08	
Rename this folder	C IQPostriet		: Folder	08/10/2008 16:08	
Move this folder	TOREST		Folder	20/10/2008 16:11	
Copy this folder	IQRetai		Folder	21/10/2008 16:57	
Publish this folder to the	MSOCache		Folder	07/08/2008 17:11	
Web	Program Files		Folder Folder	21/10/2008 16:22	
3 Share this folder	RECYCLER			07/08/2008 17:02	
E-mail this folder's files	System Volume Information		: Folder : Folder	07/08/2008 16:19	
Delete this folder	temp WINDOWS		Folder	20/10/2008 19:49 21/10/2008 16:23	
Company and the	ASLog.txt		kt Document	16/10/2008 10:39	
	AUTOEXEC.BAT		OOS Batch File	07/08/2008 16:14	
ther Places 🙁	boot.m		infouration Settings	07/08/2008 16:05	
My Computer	mi conras.svs	0 KD 5 15		07/08/2009 10:14	
My Documents	Conmgr.log		st Document	13/10/2008 15:46	
	to.sys	0 KB 5 5	stem file	07/08/2008 16:14	
My Network Places	m MSDOS.SYS	0 KB Sys	stem file	07/08/2008 16:14	
	INTDETECT.COM	47 KB MS	-DOS Application	04/08/2004 14:00	
etails (A)	and ntldr	245 KB 5ys	stem file	08/08/2008 10:35	
- 548	2 pagefile.sys	2,095,104 KB Sys	stem file	22/10/2008 OB:18	
Retail					
e Folder					
ate Modified: 21 October 008, 16:57					
100, 10:37					

Select the IQRetail folder and then the IQEnterprise folder.

					100
SS 🗀 C: VQRetail VQEnterprise					× 🛃
le and Folder Tasks	Nome -	Size	Type	Date Modified	
e and router rasks	DM _DM		File Folder File Folder	22/10/2008 10:23	
Rename this file	001		File Folder	22/10/2008 10:24 17/10/2008 16:49	
Move this file	Companys		File Folder	07/10/2008 16:06	
Copy this file	D0Server		File Folder	26/09/2008 10:57	
Publish this file to the Web	Defaulticeports		File Folder	22/10/2008 10:21	
E-mail this file	ImportDefs		File Folder	26/09/2008 10:56	
Delete this file	Memory		File Folder	26/09/2008 10:56	
Concernence and the	Reports		File Folder	26/09/2008 10:56	
19.00	SystemReports		File Folder	26/09/2008 10:56	
ther Places 🔹	TIMP		File Folder	26/09/2008 10:56	
	UserReports		File Folder	26/09/2008 10:56	
IQRetai	dbisam.lck		LCK File	08/08/2008 16:31	
My Documents	dosys.exe		Application	11/05/2006 09:02	
My Computer	Grdbsys.ini ⊠DBVerify.dat		Configuration Settings DAT File	09/10/2008 09:52 08/08/2008 16:31	
My Network Places	Devenify.idx		IDX File	08/08/2008 16:31	
122	PRUser.chm		Compled HTML Help		
etails (8)	Gridset Lini		Configuration Settings	22/10/2008 10:21	
etaus 🖒	Badeft.csv		Microsoft Office Exc		
OUpgrade.exe	IQ IQENTE~I.EXE	4,733 KB	Application	21/08/2008 10:59	
pplication	Q tQEnterprise-exe		Application	23/30/2008 14:25	
ate Modified: 21 October	ERIQEnterprise.jpg		Graphics Interchan	26/05/2008 14:11	
008, 14:23 ze: 1.93 MB	IQEXPORT1.html		Firefox Document	01/09/2008 13:18	
26: 1.93 MB	He IQENPORT LSLK		Microsoft Office Exc	01/09/2008 13:18	
	1QImages.dll	299 KB	Application Extension	01/08/2008 16:42	
	Q IQRebuild.exe	1,002 KB 3,303 KB	Application Application	15/04/2008 16:16 21/10/2008 14:22	
	O IQUpgrade.exe	1,985 KB	Application	21/10/2008 14:23	
	5 midas.dl		Application Extension	09/08/2002 16:00	
	T#1.1M		Configuration Settings	07/10/2008 09:32	
	Swcf15.ocx		ActiveX Control	27/09/2007 16:38	
	and the second se				

There are three executable (.exe) files in this folder. In order to upgrade, double click on the iqupgrade.exe file.

Q Upgrade				? 🛛
iC Enterp	C Table C Table TISE C Table	e Upgrade		
Companies [001	Tables	Summary Detailed		
Backups Companys DBServer DefaultReports ImportDefs Memory Reports TEMP UserReports _DM	2			<
			0 %	
-			0 %	
Run			Stop	A Save Log

Now you have opened the IQEnterprise upgrade program. There are a few upgrade options available. The only one we are interested in is the "Table Upgrade". Make sure that, that option is selected. Then select the "Run" option.

Q Upgrade		?	
Enterp		grade ilv imize	
Companies	Tables	Summary Detailed	
001 Backups Companys DBServer DefaulReports ImportDets Memory Reports SystemReports TEMP UserReports DM	InvExtra InvitENS InvitENS InvitENS InvitENS InvitENS InvitENS InvitENS InvitENS InvitENS InvitENTS InvitE	2009/10/22 10:29:02 - Opening company DBS erver         2009/10/22 10:29:02 - Company DBS erver successful         2009/10/22 10:29:02 - Company DefaulReports         2009/10/22 10:29:02 - Company ImportDefs         2009/10/22 10:29:02 - Company ImportDefs         2009/10/22 10:29:02 - Company Memory         2009/10/22 10:29:02 - Company Reports         2009/10/22 10:29:02 - Company SystemReports         2009/10/22 10:29:02 - Company TEMP         2009/10/22 10:29:02 - Company TEMP         2009/10/22 10:29:02 - Company UserReports         2009/10/22 10:29:02 - Opening company UserReports         2009/10/22 10:29:02 - Opening company LeverSeport	
		0 %	
-		66.%	_
Run		20064 Stop	g



While the table upgrade progress is running, the progress bars at the bottom will indicate how far from completion. When completed, select the done button and close the IQEnterprise table upgrade program.

Upgrade			?
<b>iC</b> Enter		ize.	
Companies	Tables	Summary Detailed	
001 Backups Companys DBServer DBServer DefaultReports ImportDefs Memory Reports SystemReports TEMP UserReports DM	Sales segrum1 Serials SIZES SIZES STAT STAKDATA STAKDEPORTS STAKDANK stochist STOCK STOCKAL StockBarcodes StockCon STOCKLONT STOCKLOU STOCKLOU STOCKLOU STOCKLOU STOCKLOU STOCKLOU STOCKLOU STOCKLOU STOCKINECOLOURS StockTransferMaster StockTransfer	2008/10/22 10:29:02 - Opening company DefaultReports         2008/10/22 10:29:02 - Company DefaultReports successful         2008/10/22 10:29:02 - Opening company ImportDefs         2008/10/22 10:29:02 - Opening company IEMP         2008/10/22 10:29:02 - Opening company IEMP         2008/10/22 10:29:02 - Opening company UserReports         2008/10/22 10:29:02 - Opening company UserReports         2008/10/22 10:29:02 - Opening company JMER         2008/10/22 10:29:04 - Company JMER         2008/10/22 10:29:04 - Company JMER         2008/10/22 10:29:04 - Company JMER         2008/10/22	
		0 %	
		100/%	
		100-56	
ev Run			Save Log

The table upgrade is now complete. The system has now been updated successfully with the new IQEnterprise version.

**NOTE:** When restoring any backup within the IQEnterprise package, make sure that you run the iqupgrade.exe and do a table upgrade. The reason for this is that sometimes the backup that was restored is quite old. It could be from a previous version of IQEnterprise. Therefore you need to run the iqupgrade.exe in order for any new fields that were added to be available on the older data that was restored.

# 7 HARDWARE CONFIGURATION

## 7.1 POS PRINTING PERFORMANCE FOR IQENTERPRISE\IQBUSINESS

Increasing performance of point of sale printers over a network. This example we are going to increase the performance of LPT printers. Select Start -- > Settings -- > Printers and Faxes. Select the printer and right click then select the properties option.



### 7.1.1 LPT PORT CONFIGURATION

🖏 Printers and Faxes			
File Edit View Favorites Tools Help			<b></b>
🕞 Back - 🕥 - 🏂 🔎 Search 🍋 Folders 🕼	D × 9	- Rolder Sync	
Address 🌺 Printers and Faxes			👻 ラ Go
Add Printer	Open	Microsoft Office Document Image Writer — D	
Microsoft XPS Document Writer	Set as Default Printer Printing Preferences	Send To OneNote 2007 — 0	
Ready Unable to cor	Pause Printing	Ready	
	Sharing Use Printer Offline		
-	Create Shortcut		
	Delete		
	Rename	-	
	Properties		

Once properties have been selected, select the Ports tab at the top of the properties box.

Port     Description     Printer       Sen     Local Port     Send To OneNote 2007       Net     NetOp Remote Print       Micr     Local Port       Microsoft Office Document I       XPS     Local Port       Local Port     Microsoft XPS Document Wr       Local Port     ESD       Local Port     EPSON TM-T88III Receipt	□ Sen       Local Port       Send To OneNote 2007         □ Net       NetOp Remote Print         □ Micr       Local Port       Microsoft Office Document I         □ XPS       Local Port       Microsoft XPS Document Wr         □ Leea       Local Port         ☑ ESD       LPT1       EPSON TM-T88III Receipt	EPSON TM-T88III Re	ceipt
Sen       Local Port       Send To OneNote 2007         Net       NetOp Remote Print         Micr       Local Port       Microsoft Office Document I         XPS       Local Port       Microsoft XPS Document Wr         Local       Local Port       EPSON TM-T88III Receipt         Add Port       Delete Port       Configure Port	Sen       Local Port       Send To OneNote 2007         Net       NetOp Remote Print         Micr       Local Port       Microsoft Office Document I         XPS       Local Port       Microsoft XPS Document Wr         Local Port       EPSON TM-T88III Receipt         ESD       LPT1       EPSON TM-T88III Receipt         Add Port       Delete Port       Configure Port		uments will print to the first free
Net       NetOp Remote Print         Micr       Local Port         XPS       Local Port         Leea       Local Port         ESD       LPT1         Elete Port       Configure Port	Net       NetOp Remote Print         Micr       Local Port         Microsoft Office Document I         XPS       Local Port         Local Port       Microsoft XPS Document Wr         Local Port       ESD         LPT1       EPSON TM-T88III Receipt         Add Port       Delete Port         Enable bidirectional support	ort Description	Printer
ESD     LPT1     EPSON TM-T88III Receipt       Add Port     Delete Port     Configure Port       Enable bidirectional support     Enable bidirectional support	ESD     LPT1     EPSON TM-T88III Receipt       Add Port     Delete Port     Configure Port       Enable bidirectional support     Enable bidirectional support	] Net NetOp Remote Pri ] Micr Local Port ] XPS Local Port	nt Microsoft Office Document I
Add Port	Add Port <u>Delete Port</u> <u>Configure Port</u> <u>Enable bidirectional support</u>		EPSON TM-T88III Beceint
		nable bidirectional support	elete Port <u>C</u> onfigure Port

Under the Ports tab, select the printer that is attached to LPT1. Then enable the "Enable bidirectional support" option. Once completed, select the "Configure Port" option.

-	<b>Configure Parallel Port L</b>	PT1
-	Advanced Settings	Custom (Advanced)
	Operation Wait	Continue
-	Print Error Handling	
	Notify OS On Error	No
	Delete Print Job On Error	Yes

Change the "Advanced Settings" to Custom (Advanced) and "Operation Wait" to Continue and "Notify OS On Error" to No and lastly change "Delete Print Job On Error" to Yes. Once complete select the Ok option. This will return you to the Ports option.



ど EPSON T	M-T88IV Receipt	Properties		? 🛛
General Sh	naring Ports Adv	anced Security	Utility Version	
Print to the	FSON TM-T88IV Re		the first free	
FILE:	Description 6: Serial Port 7: Serial Port	Printer		
ESD.	USB TM-T88IV COM1	EPSON TM	T88IV Receipt	×
	oidirectional support printer pooling			
	ОК	Cancel		Help

Select the Advanced tab option. Under this option select the "Print directly to the printer" option. This will increase the speed because windows do not spool the print job it is sent directly to the printer.

General	Sharing Ports Advanced Security Utility Version
	ays available lable from 00:00 CO CO:00 CO
Priority:	1
Dri <u>v</u> er:	EPSON TM-T88IV ReceiptE4
() S (€ S	ol print documents so program finishes printing faster itart printing after last page is spooled itart printing immediately girectly to the printer
Print	l mismatched documents spooled documents first p printed documents ble advanced printing features
Printi	ing Defaults Print Processor Separator Page



Select the Apply option for all settings to take affect and then select the Ok option.

## 7.1.2 COM PORT CONFIGURATION

🐌 Printers and Faxes			
File Edit View Favorites Tools Help			<u></u>
🕝 Back 🔹 🕥 🔹 🏂 🔎 Search 💫 Folder	s 🕼 🎯 🗙 🧐 🛄	- Rolder Sync	
Address 🌯 Printers and Faxes			👻 🋃 Go
Add Printer 🔰 🦢 🧾	N TM-T88111 Receipt	Microsoft Office Document	
Read	Set as Default Printer	Send To OneNote 2007	
Ready 0 Unab	le to cor Pause Printing	— D Ready	
	Sharing Use Printer Offline	_	
	Create Shortcut Delete		
	Rename		
	Properties	$\square$	

Once properties have been selected, select the Ports tab at the top of the properties box.



EPSON T	FM-T88IV Receipt	Properties	? 🛽
General S	haring Ports Adv	anced Security Utility	Version
<b>S</b>	EPSON TM-T88IV Re	ceipt	
<u>P</u> rint to the checked p		uments will print to the first	free
Port	Description	Printer	~
🗆 сом	17: Serial Port		
G FILE	: Print to File		
Net.	the second second second second	int	
1.	LPT1		
and the second se	USB TM-T88IV	FROM THE TOOL	
	COM1	EPSON TM-T88IV	Heceipt
Add	I Port	<u>_</u> elete Port <u> </u>	nfigure Port
1000	bidirectional support	)	
Enable	printer pooling		
	C OK		Analysis 1 ( 11-1
	OK	Cancel	Apply Help

Under the Ports tab, select the printer that is attached to COM1. Then enable the "Enable bidirectional support" option. Once completed, select the "Configure Port" option.

Advanced Settings     Custom (Advanced)       Operation Wait     Continue       Baud Rate     38400       Byte Size     8 Bits       Parity     None       Stop Bits     1 bit       Flow Control     Hardware		
Baud Rate38400Byte Size8 BitsParityNoneStop Bits1 bit	<b>v</b> D	
Byte Size     8 Bits       Parity     None       Stop Bits     1 bit		
Parity None Stop Bits 1 bit		
Stop Bits 1 bit		
Flow Control Hardware		
Timeout 10		
Print Error Handling		
Notify OS On Error No		
Delete Print Job On Error Yes	Y	



Change the "Advanced Settings" to Custom (Advanced) and "Operation Wait" to Continue. The rest of the settings must be left as is. Once complete select the Ok option. This will return you to the Ports options.

👹 EPSON T	M-T88IV Receipt	t Properties	? 🛛
	naring Ports Adv	anced Security Utility Version	
checked p	ort.	cuments will print to the first free	
□ Net □ ESD. □ ESD.	Description 7: Serial Port Print to File NetOp Remote Pr LPT1 USB TM-T88IV CDM1	Printer	
Add		Delete Port	
	ОК	Cancel Apply	Help

Select the Advanced tab option. Under this option select the "Print directly to the printer" option. This will increase the speed because Windows does not spool the print job, it is sent directly to the printer.



ieneral	Sharing Ports Advanced Security Utility Version
💿 Aļwa	ays available
🔿 Avai	lable from 00:00 C 00:00 C
Priority:	1
Dri <u>v</u> er:	EPSON TM-T88IV ReceiptE4
O <u>S</u> por	ol print documents so program finishes printing faster
09	itart printing after last page is spooled
• 9	itart printing immediately
Print	directly to the printer
Hold	I mismatched documents
🕑 Print	spooled documents first
	p printed documents
Enal	ble advanced printing features
Print	ing Defaults Pri <u>n</u> t Processor Separat <u>o</u> r Page

Select the Apply option for all settings to take affect and then select the Ok option.



## 7.2 HARDWARE SETUP OF IQENTERPRISE AND IQBUSINESS

### 7.2.1 PRINTERS

Printers is a critical part of the IQ Systems, they have to be setup and configured correctly in order for printing to function correctly. Below a list of troubleshooting tips for Point of Sale specific printers in the IQEnterprise 5 system.

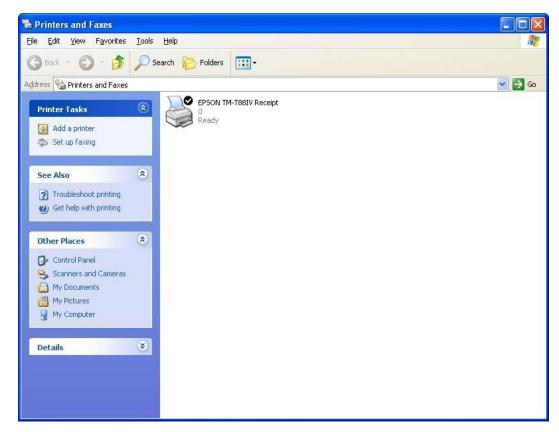
#### 7.2.1.1 EPSON TM-T88IV AND TM-T88III

The Epson TM-T88IV and TM-T88III has a few functions that need be set correctly for the Point Of Sale in IQEnterprise 5 to function and print correctly.

- Make sure the latest printer drivers are installed for specific models.
- Configuration of the driver properties, paper size, document settings and printer settings.

Below a step by step guide to configure the printer driver properties correctly:

Firstly, select Start -- > Settings -- > Printers and Faxes



Next step is to configure the printer. Right click on the specific printer and select the properties option.



Separate Printers and Faxes		
File Edit View Favorites Tools Help		
🕞 Back - 🍙 - 🍂 🔎 Search 🍋 Folders	-	
Address 🍪 Printers and Faxes		🗸 🏹 Go
Printer Tasks 🖄 🦾 🤉	M-T88IV Receipt	
Add a printer	Printing Preferences	
See what's printing	Pause Printing	
Select printing preferences		
Pause printing	Sharing Use Printer Offline	
Rename this printer	Create Shortcut	
X Delete this printer	Delete	
Set printer properties	Rename	
	Properties	
Other Places		
🕞 Control Panel		
Scanners and Cameras		
My Documents		
My Pictures		
3 Hy Computer		
Details		
Decails		

Once the properties option has been selected, the printer properties dialogue box will appear. On this screen select the "Advanced" tab option at the top of the screen.

General Sharing Ports Adva	nced Security Utility Version
	leceipt
Location:	
Model: EPSON TM-T88IV R	eceiptE4
Color: Yes	Paper available:
Double-sided: No Staple: No Speed: Unknown Maximum resolution: 180 dpi	A4 210 x 297 mm LT 8.5 x 11 in Postcard 100 x 148 mm Roll Paper 80 x 297 mm
Printing	Preferences Print <u>I</u> est Page



On the Advanced screen, change the existing Print Spooling option to Print directly to the printer.

EPSON	N TM-T88IV Receipt Properties	?
General	Sharing Ports Advanced Security Utility Version	
💿 Aļwa	ays available	
🔿 Avai	ilable from 00:00 C To 00:00 C	
Priority:	1	
Dri <u>v</u> er:	EPSON TM-T88IV ReceiptE4 Vew Driver	
O Spor	ol print documents so program finishes printing faster	
100 T 100	Start printing after last page is spooled	
() S	Start printing immediately	
Print	t directly to the printer	
Hold	d mismatched documents	
	t spooled documents first	
	p printed documents	
Enal	ble advanced printing features	
Print	ing Defaults Print Processor Separator Page	
	OK Cancel Apply	Help

**NOTE:** The option "print directly to printer" improves the speed of printing. Once completed, select the "General" tab at the top of the screen.

👹 EPSON TM-T88IV Receipt	Properties	? 🛛
General Sharing Ports Advar	nced Security Utility Version	
	leceipt	
Location:		
<u>C</u> omment:		
Model: EPSON TM-T88IV Re Features	eceiptE4	
Color: Yes	Paper available:	
Double-sided: No Staple: No Speed: Unknown Maximum resolution: 180 dpi	A4 210 x 297 mm LT 8.5 x 11 in Postcard 100 x 148 mm Roll Paper 80 x 297 mm	
Printing	Preferences Print <u>I</u> est Page	
ОК	Cancel Apply	Help



Printer S Main	ettings Ba Layout	arcode 2 Water Mark	D Code	Font nt Settings	Utility Halftone	Version Setting:
- Resolu	tion ₹ 180 x 180					
- Color -	Color		Monoc	hrome		
	Copies 1 Collate Reverse Prin	• nt Order			2 3 3 3	

On the general tab screen, select the "Printing Preferences..." option.

On the main Printing Preference screen, select the Layout option.

Pape	r Size	IQ Pa	per								•
Outpu	ut Paper	80mm	Roll Pag	per							-
Adj	ust Print Po	osition									
V	ertical Dire	ction	0.0	÷ mm	н	orizor	ntal Dir	ection	0.0	-	mm
										1.01	74-1-
Rot	tate										
	Normal				Г	A	bc	_			
С	Rotate by	90 Deg	irees				1				
С	Rotate by	180 De	grees				23				
С	Rotate by	270 De	grees		1		_				
_		с: р.	. (5)	i iot							
6	Reduced Fit to Print			odes/2L	) sym	DOIS a	re not	reduc	edj		
	Custom	aute (vv.)	uua	Sca	12	100	.00 -	J			
	Custom			306	116	1100	.00 1				

Under the Layout Tab, the Paper Size needs to be set accordingly. From the drop down, select the User Defined Paper Size.

🞍 EPSON TM-T88IV Receipt Printing Preferences 🛛 🔹 🛛 🛛
Printer Settings Barcode 2D Code Font Utility Version Main Layout Water Mark Document Settings Halftone Settings
Paper Size     Roll Paper 80 x 297 mm       Output Paper     A4 210 x 297 mm       Output Paper     LT 8.5 x 11 in       Postcard 100 x 148 mm       Roll Paper 80 x 297 mm       Vertical Dired
Rotate
Reduced Size Print (Bar codes/2D symbols are not reduced)     Fit to Printable Width     C Custom     Scale
OK Cancel Apply Help

Once the User Defined Paper Size has been selected, change the Paper Size Name to IQ Paper and set the Paper Width to 80.0 mm and the Paper Length to 900.0 mm.

User Defined Pap IQ Paper	per Size		Delete Paper Size
Paper Size Name	IQ Paper		Save Paper Size
Paper Size Name Paper Width	IQ Paper 80.0 📩 mm	[ 72.2 · 210.0 ]	Save Paper Size



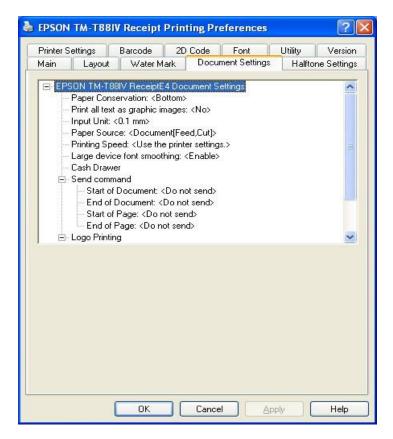
	ode 2D C Vater Mark		Font Tottings	Utility Halfton	Version e Settings
Paper Size IQ Pape	K.			14	-
Dutput Paper 80mm R	oll Paper				-
-Adjust Print Position					
Vertical Direction 0.	0 🕂 mm	Horizor	ntal Direction	0.0	÷ mm
				-	
Rotate					
Normal		A	bc		
C Rotate by 90 Degre	es		1		
C Rotate by 180 Degr	ees		25		
C Rotate by 270 Degr	ees				
Reduced Size Print	(Bar codes/2D	symbols a	re not reduc	ed) —	
Fit to Printable Widtl	÷	-,		,	
C Custom	Scale	e 100	.00 🕂 %		
					-

Once the Paper Width and Paper Length have been set, select the Ok option.

After selecting the Ok option the Layout Page will have the newly created IQ Paper set as the new paper size. Select the Printer Settings Tab.

Main Layout	Water Mark	Document Settings	Halfton	e Setting:
Printer Settings	Barcode 20	Code Font	Utility	Version
	aper / Ribbon Type			

On the Printer Settings option select the correct settings here that are relevant to the specific printer. Once the correct settings have been chosen, select the Document Settings Tab option.

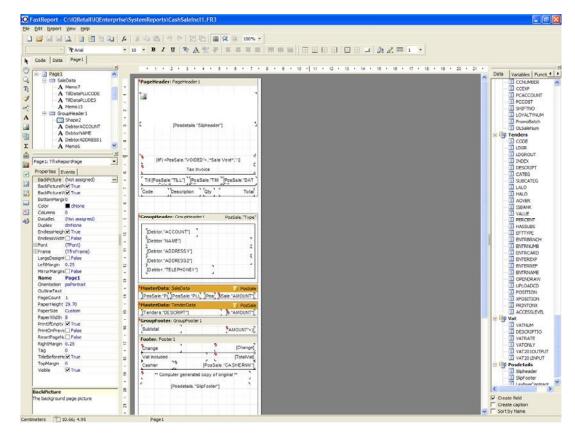


The options under the Document Settings Tab may be left as is. The only one that can or should be adjusted is the Paper Conservation option. This option needs to be set to "Bottom" so that the printing of items in the Point of Sale are printed directly below each other with no spacing in between items.

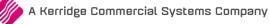


## 7.3 IQENTERPRISE\IQBUSINESS RECEIPT LAYOUT DESIGN

One of the critical parts to ensure that the receipt layout prints correctly is the design of the receipt layout. We need to design the receipt according to the following specifications.



On the receipt/slip layout the following items need to be setup correctly (paper size, font and font size). The first option we will setup is the paper size. Select the File Option located at the top left-hand corner of the Receipt Layout page and select the Page Settings option.



Page 76 of 81

New New Report New Page New Dialog	[1] □ □
Open Ctrl+ Save to 001\Custom Reports Save to System Reports Save As	ageHeader1
Preview Ctrl+ Page Settings C: \IQRetail\IQEnterprise \SystemReports \CashSaleInd 1.FR3 C: \IQRetail\IQEnterprise \DefaultReports \INVLay3.FR3 C: \IQRetail\IQEnterprise \DefaultReports \INVLay2.FR3	Posdetails. "Slipheader"]
C: //QRetail //QEnterprise //DefaultReports //WLay2.FR3 C: //QRetail//QEnterprise //DefaultReports //STBAR1.FR3 C: //QRetail//QEnterprise //DefaultReports //Stock_Sales_Detail.fr3 C: //QRetail//QEnterprise //DefaultReports //Stock_Sales_Detail.fr3 C: //QRetail//QEnterprise //DefaultReports //Stock_Sales_Detail.fr3 C: //QRetail//QEnterprise //DefaultReports //Stock_Sales_Detail.fr3	Sale."VOIDED">,"Sale Void",")] Tax Invoice
Exit Alt+	( escription ] [Qty ] [ Tota]
Bottom/Margir0 Color III diNone	x escription ] [Qty ] [ Tota] Her: GroupHeader 1 PosSale. "Type"

Once the Page Settings option has been selected, the Page Options dialogue box will appear.

	QEnterprise\SystemReports\CashSa	ileincl1.FR3
e Edit Report Vie	w Help	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 0 国西 # 韓 幸 100% -
- 2	FontB11 • 5 • B 🖌	/ U   Tr 🛕 💇 🔗   5 5 7 7 8   10 11 11 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13
Code Data F	Page1	
code   baca -	(X)	1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 1 10 1 11 12 1 13 1
E- Page1		· 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 ·
E SaleDal	ta 🔤 🔤	PageHeader: PageHeader1
A Mer		
A Till	DataPLUCODE -	
A Till	DataPLUDES	
A Mer		
	X	
Page1: TfrxReport	Page 🔹	
Properties Event		[Posdetail
BackPiccure	(Not assigned) +	
BackPicturePrinta		Off-line Sale #
BackPictureVisible		Paper Other options
BottomMargin Color	0	Size
Color		Tax IO Paper
Columns	Second and the second s	LQ Paper
DataSet	(Not assigned) -	Width 8 cm
Duplex EndlessHeight	dmNone ~~	
EndlessHeight EndlessWidth	□ False	Code "Descripti
Endless widen	(TFont)	Code Description
⊞ Frame	(TfrxFrame)	
LargeDesignHeig		Portrait
LeftMargin	0.25 -	( Landscape
MirrorMargins	Det	Groupheader: Grouph
Name	Page1	
Orientation	poPortrait	IDebtor."ACCOUNT"
OutlineText	=	Top 0 cm Bottom 0 cm
PageCount	1	
PaperHeight	90 😂	[Debtor."ADDRESS1 Paper Source
PaperSize	IQ Paper -	Debtor."ADDRESS2 First page Default
PaperWidth	8	
PrintIfEmpty	✓ True	Default Vice Pages
PrintOnPreviousP	Pag False	
ResetPageNumb		[PosSale."PL [PosSale
RightMargin	0.25 -	OK Cancel
Tag	<del>د</del>	
TitleBeforeHeade		Serial: [PosSale."SERIAL"]
TopMargin	0 2	
Visible	✓ True	[Tenders."DESCRIPT"]



On the Page Options dialogue box select the drop-down arrow under the Size heading and select the IQ Paper page size from the list.

Edit Report View	Help	
	🚹 🛅 🍋 🕰 🖌 🛵 🛍 🗎	- 7 0 国西 # 単 100% -
- <b>E</b> F	-ontB11 - 5 - B Z	/ U Tr A 🖄 🗞 🖿 🗧 🔳 🕅 🗰 🔤 🗄 🖽 🖬 🖄
and the second	the second s	• • • • • • • • • • • • • • • • • • • •
Code Data Pa	ge1	
	X	· 1 · 2 · 3 · 4 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13
- Page1		
A Memo		PageHeader: PageHeader1
	Wana wagan	
A Memo		
2. 100	N 12	
Page1: TfrxReportPa	-	
Properties Events		[Posdetail]
BackPicture	(Not assigned) +	Page Options 🗙
BackPicturePrintab		Off-line Sale #
BackPictureVisible		Paper Other options
BottomMargin	0	Lin (vrosone, v
Color	ciNone	Tax
Columns	0	
DataSet	(Not assigned) -	
Duplex	dmNone ~	Till [PosSale."TILL"] A4 210 × 297 mm
EndlessHeight	- False	L 0-1-4 4 100 100 100 100 100 100 100 100 100
EndlessWidth	False	Code Descripti Roll Paper 80 x 297 mm
1 Font	(TFont)	IQ Paper
⊞Frame	(TfrxFrame)	C Portrait
LargeDesignHeight LeftMargin	0.25 -	C Landscape
MirrorMargins	Deter	GroupHeader: Group
Name	Page1	Margins
Orientation	poPortrait	TDebtor."ACCOUNT Left 0.25 cm Right 0.25 cm
OutlineText	=	
PageCount	1	
PaperHeight	90 2	[Debtor."ADDRESS1 Paper Source
PaperSize	IQ Paper -	
PaperWidth	8 2	[Deptor, ADDRESS2] First page Default
PrintIfEmpty	✓ True	[Debtor."TELEPHON Other pages Default 🗸
PrintOnPreviousPa	c False	
ResetPageNumber		
RightMargin	0.25 -	[PosSale."PL_PosSale
Tag	2 0	
TitleBeforeHeader		Serial: [PosSale."SERIAL"]
TopMargin	0e	
Visible	✓ True	[Tenders."DESCRIPT"]

Once the IQ Paper option has been selected then select the Ok option at the bottom of the Page Options dialogue box.

Bronkli       5       B       Z       U       The A		🛅 🛅 🆄 🕰 🖌 👗 🛝 🛄	9 で 昭 昭 単 尊 100% -
Code       Data       Page1            Page1           Page1             SaleData           Page1             SaleData           Page1             Page1           Page1             Page1           Page1             Page1           Page1             Page1           Page1             Page1: Thr:ReportPage               Proprise           Page1             Padeficure           (Not assigned)             DataSet           (Not assigned)             Duplex           dmNone             Endessteight           Page             Color           Chlore             Color <th></th> <th></th> <th></th>			
Pagel:       Page:       Page: <td< th=""><th></th><th></th><th>• • • • • • • • • • • • • • • • • • •</th></td<>			• • • • • • • • • • • • • • • • • • •
Pagel ■ SaleData A Memo7 A	ode Data Pag	je1	
SaleData       Pagetteader: Pageteader1         A Tillozas/LUCODE       Pagetteader: Pageteader1         A Tillozas/LUCODE       Pagetteader: Pageteader1         Properties       Events         BackPitturePittabil/       Page Options         Properties       Events         BackPitturePittabil/       True         BackPitturePittabil/       True         BackPitturePittabil/       True         BackPitturePittabil/       True         BackPitturePittabil/       True         BackPitturePittabil/       True         DataSet       (Not assigned)         Duplex       dmNone         Endesstright       False         PageCount       (Code Tesente         Pagetteader:       (Code Tesente			· 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · ·
A Memo7       A Memo7       A Memo7       A Memo7       A Memo17       A Memo13       Properties       Events       BackPicturePrintable       True       Till Possale       Till Possale </th <th></th> <th></th> <th></th>			
A fillosaPJUCCOE A fillosaPJUCCOE A memo13 Page1: Trr:ReportPage Properties Events BackPitturePittable True BackPitturePittable True BackPitturePittable True BackPitturePittable True BackPitturePittable True BackPitturePittable True BackPitturePittable True Duplex Colorn Calkone Colorn Calkone Calko			
A fillota-PUDES A Memoil A Properties Events BackPicturePrintable True BackPicturePrintable True PrintEmpt 90 Code Teetret With 9 or Till (Possiel "Till U") Code Teetret With 9 or Paper Source Paper Source Paper Source Paper Source Paper Source Paper Source Paper Source Paper Source Detailt True Paper Source Detailt True Paper Source Detailt True Paper Source Paper Source Detailt True Paper Source Detailt True Paper Source Detailt True Paper Source Detailt True Paper Source Detailt True Paper Source Detailt True Paper Source Detailt True Detailtor TelEPHON Other pages Default Child: SealBach Child: SealB			
A Memol3         Page1: TirsReportPage         Properties         BackHoture         Work assigned)         BackHoture/Intable/ True         DataSat         Color         Core         Core </td <td></td> <td>DUDES</td> <td></td>		DUDES	
Properties Events Properties Events BackPicturePrintabile True FridessWald Frame Till (PosSale TruL Till (PosSale TruL Till (PosSale TruL Till (PosSale TruL)			
Page1: TrixReportPage Properties Events BackPicture (Not assigned) BackPicture Pintable True Ba	A Mento	0	
Properties       Events       [Po2deta       Page Options         BackPictureVisible       True       Off-line Sale 7       Paper Other options         BackPictureVisible       True       Off-line Sale 7       Paper Other options         BackPictureVisible       True       III (Po2Sale 7)       Paper Other options         BottomMargin       O       Othone       III (Po2Sale 7)         Color       Color       Color       True         Duplex       dMinone       True       III (Po2Sale 7)         EndessHeight       Fale       Fale       IIII (Po2Sale 7)         EndessHeight       Fale       Fale       IIII (Po2Sale 7)         Errore       (Ifforbarnin)       Forme       Ifforbarnin         Errore       Ifforbarnin       Page       Orientation         Operation       0.25       IIII (Po2Sale 7)       IIII (Po2Sale 7)         Interdistrian       0.25       IIII (Po2Sale 7)       IIII (Po2Sale 7)         Interdistrian       0.25       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
BaddPicture       (Not assigned)       m         BaddPicturePintable       True         BaddPicturePintable       True         BaddPicturePintable       True         BotdPicturePintable       True         Duplex       driversite         driversite       driversite         Duplex       driversite         driversite       True         BotdPicturePintable       True         Duplex       driversite         driversite       driversite         Duplex       driversite         BotdPicturePintable	age1: IfrxReportPa	ge 📕 🥷	
BackHoture (Not assigned) BackHoture/NoteNoteNoteNoteNoteNoteNoteNoteNoteNote	roperties Events		
BadPicturePintable True BadPicturePintable True BottomMargin 0 Color ■ Chlone Color ■ Chlone Color ■ Chlone Color ■ Chlone Color ■ Chlone Color ■ Chlone Color ■ Chlone ■ Chlone	BackPicture	(Not assigned) +	Page Options
BackFutureVisible & True BackFutureVisible & True BackFutureVisible & True Colorrin 0 Colorrin Chlore Colorrin Chlore C	BackPicturePrintable		
BottomMargin 0 Color ■ dilone Color ■ dilone Till (PosSale, TLL'] FridessWidth = False FridessWidth = False FridessWidth = False FridessWidth = False Page 1 Color = Table Page 50 cm First page Pager Source Pager Source First page Color = Table Till (PosSale, TLL'] Code Tbestrift Code Tbestrift Cod	BackPictureVisible	True	Paper Other ontions
Color Columns 0 Column		0	[IIF( <possale.")< td=""></possale.")<>
Columns       0       •         DataSet       (Not assigned)       •         Duplex       dnNone       •         Endlessheight       False       •         Sort       (Tronk)       •         Code       •       •         LargeDesignHeight       False       •         MirorNargins       False       •         PagerEdouth       1       •         Ordentation       poPortrait       •         OutlineText       •       •         PagerHeight       90       •         PagerHeight       90       •         Print(Empty       •       •         Print(Empty       •       •         Print(Empty       •       •         Print(Empty       •       •			Tax
Dugles: dmNone Endessheight False FindlessWink Frome			IQ Paper
Duplex drinNone Duplex drinNone Duplex drinNone TrillePostale_TLL1 Height 90 cm Hight 90 cm Friedesteighteight Palse LargeDesignHeight Palse LargeDesignHeight Palse LargeDesignHeight Palse LargeDesignHeight Palse LargeDesignHeight Palse Code CounterText Top 0 cm Bettom 0 cm PagerHeight 90 Code Tbestor *ACCOUNT Top 0 cm Bettom 0 cm PagerSize 10 Paper Source First page Default First page First page Default First page Fir			Width 8 m
Tridissividih □ Pole Prot (Tronk) Code "Descript LargeDesignHeight □ Palse LargeDesignHeight □ Palse LargeDesignHeight □ Palse LargeDesignHeight □ Palse Code "Descript Code "Descript			
□Port       (Tronk)       □ <t< td=""><td></td><td></td><td>L Concernent in Height 90 cm</td></t<>			L Concernent in Height 90 cm
Pronk     Citronk       Brane     Titronk       LargeBesignHeight     False       MirrorMargins     False       MirrorMargins     Page       Ordentation     popertual       CollineText     False       Ordentation     popertual       PagerSize     IQ Paper       PagerSize     IQ Paper       Print(Empty)     True       Print(Empty)     True       Print(Empty)     False       Inditionation     popertual       Inditionation     popertual       Inditionation     popertual       PagerSize     IQ Paper       Print(Empty)     True			
LargeDesignHeight       False         LeftMargins       0.25         MirrorMargins       Page1         Name       Page1         Orientation       poptimized         PageCount       1         PagerCount       2         Inditionation       2         IDebtor "ADDRESST       Pager Source         Print(Empty W True       1         Print(Empty Merror       Palse         Print(Tempty Merror       Palse         Pager O       2         Prossale *P_i Possale       0         Pager O       2			Orientation
LeftMargin 0.25 MarcofMargins   Palse   Page 1   Clanaccape   Margins   Page 2   Oct   Debtor "ACOCUNT   Debtor "ACOR   Debtor "ACOCUNT   Debtor "ACOR   Debtor   Debtor "ACOR   Debtor   Debtor   Debtor "ACOR   Debtor   Debto			Portrait
Mirorifizgins Palse Page Orden Balse Orden			
Name     Page1     De       Orientation     poPortrait       Orientation     poPortrait       OutlineText     T       PagerGount     1       PaperHeight     90       PaperHeight     90       PrintIfEmpty     True       PrintIfEmpty     True       PrintIfEmpty     True       PasetHeight     90       PasetHeight     90       Other pages     Default       PasetHeight     7       PagetHeight     7       PrintIfEmpty     True       PasetHeight     7       Paget Rest     7       PaperState     CK       Cancel     CK		Ele I.	
ovientation poPortrait OutlineText PageCount 1 PageCount 1 PageTraight 90 PagerSize 1Q Paper PagerSize 1Q Pager PagerSize 1Q Pager PagerS		Page1	De
OutlineText     F		poPortrait	Debtor."ACCOUNT"
PagerCount     1     -     Lobor 1, toom.     -       PagerHeight     90     21     Lobor 1, toom.     -       PagerHeight     10 Pager     -     -     -       PagerKlight     10 Pager     -     -     -       PagerKlight     0     21     -     -       PagerKlight     0     21     -     -       PrintEmpty     0     1     -     -       PrintEmpty     0     1     -     -       PrintEmpty     0     -     -     -       PagerSource     1     -     -     -       PrintEmpty     0     2     -     -     -       PagerSource     -     -     -     -       PrintEmpty     0.5     -     -     -       PagerSource     -     -     -     -       PagerSource     -     -     -     -       PagerSource     -     -     -     -       PrintEmpty     0.5     -     -     -       PagerSource     -     -     -     -       PagerSource     -     -     -     -       PagerSource     -     -     -     -<	OutlineText		The Detter Detter
PaperSize IQ Paper PaperWidth 8 PrintEmpty ✓ True PrintEmpty False RightMargin 0.25 Tag 0 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	PageCount	1	
PaperWidth 8 PrintEmpty True Debtor ADDRESS OF Default Company			[Debtor."ADDRESS1 Paper Source
Paper Width     8     2     Image: Constraint of the pages     Default       Print/IfEmpty     Image: Constraint of the pages     Default     Image: Constraint of the pages     Default       Print/OnPreviousPac     False     2     Image: Constraint of the pages     Default     Image: Constraint of the pages       RightMargin     0.25     Image: Constraint of the pages     OK     Cancel       Tag     0     2     Image: Constraint of the pages     OK     Cancel			Debtor."ADDRESS2 First page Default
PrintEmpty ⊘ True PrintChrevoussa: False ResetPageNumbers: False Tag 0 2 2 Printed Prevoussale. PI, Possale Printed Prevoussale. PI, Possale Printed Prevoussale. PI, Possale CK Cancel			
ResetPageNumbers         False         PasterData: SaleData           RightMargin         0.25		✓ True	LUERIUR. TELEPHON Other pages Default
ResetPageNumbers_False [PosSale:P][PosSale RightMargin 0.25 - Tag 0 9 9 Pchild: SerialBand OK Cancel			MasterData: SaleDate
Tag 0 OK Cancel			IPosSale "PL IPosSale
			OK Cancel
		E a muse	
TitleBeforeHeader		0	



The next part of the receipt/slip layout that needs to be configured correctly is the Font and Font size.

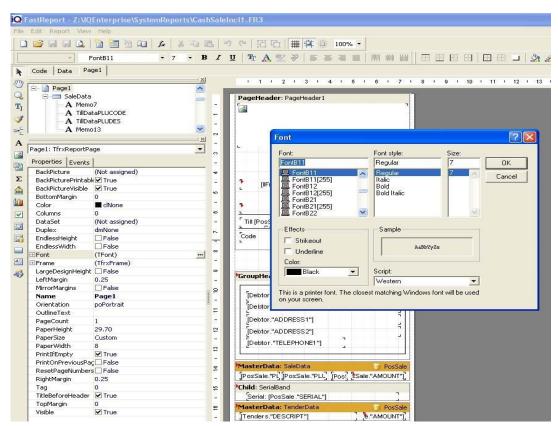
dit <u>R</u> eport <u>V</u> iew	Help	
2 🖌 🖌 🗛 🕻	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 で 西西 # 単葉 100% -
* F	ontB11 • 7 • B	🖌 🖳 📲 🛕 唑 🔗 🛛 🎬 🖷 🗏 🗐 💷 🖾 🖽
ode Data Pa	ge1	
	×	1 1 2 1 3 1 4 1 5 1 8 1 7 1 8 1 9
Page1	~	
🖻 💳 SaleData		PageHeader: PageHeader1
A Memo		
	taPLUCODE	
	taPLUDES	
A Memo	013 💌	8
	<u>×</u>	
age1: ThrxReportPa	ige 💌 💌	
roperties I r	1	[Posdetails."Slipheader"]
roperties Events		
BackPicture BackPicturePrintabl		4
BackPicturePrintabl BackPictureVisible	True	[IIF( <possale."voided">,"Sale Void"',")]</possale."voided">
	0	· · · · · · · · · · · · · · · · · · ·
BottomMargin Color		
Columns		Tax Invoice
DataSet	(Not assigned)	- Till [PosSale."TILL"] "[PosSale."TIM "[PosSale."DAT ]
Duplex	destions	
EndlessHeight	False	Code Description Gty Total
EndlessWidth	False	
Font	(TFont)	· · · · · · · · · · · · · · · · · · ·
Charset	ANSI CHARSET	
Color		•
Name	FontB11	GroupHeader: GroupHeader1 PosSale."Type"
Size	7	
⊞Style	0	[Debtor."ACCOUNT"]
Frame	(Tfr×Frame)	Debter "NAME"]
LargeDesignHeight	False	
LeftMargin	0.25	- [Debtor."ADDRESS1"]
MirrorMargins	False	≅ [Debtor."ADDRESS2"]
Name	Page1	
Orientation	poPortrait	Debtor."TELEPHONE1"]
OutlineText		
PageCount	1	
PaperHeight	29.70	
PaperSize	Custom	
PaperWidth		≌ PChild: SerialBand
PrintIfEmpty	✓ True	- Serial: [PosSale."SERIAL"]
PrintOnPreviousPa		🕿 MasterData: TenderData 🚺 PosSale
ResetPageNumber:	s 🔄 False	- [Tenders."DESCRIPT"]
RightMargin	0.25	

On the receipt/slip layout screen there is a properties section.

Code       Data       Page1         Page1       Page1         A memo7       Page1         A TilloataFLUCODE       Page1teader: PageHeader1         A TilloataFLUEDS       Page1teader: Slipheader"]         BackPicture       (Not assigned)         BackPicture Visible       True         BackPicture Visible       True         Color       Color	
Code       Data       Page1         Page1       Page1         A memo7       Page1         A TilloataFLUCODE       Page1teader: PageHeader1         A TilloataFLUEDS       Page1teader: Slipheader"]         BackPicture       (Not assigned)         BackPicture Visible       True         BackPicture Visible       True         Color       Color	
Code       Data       Page1         Page1       Page1         A memo7       Page1         A TilloataFLUCODE       Page1teader: PageHeader1         A TilloataFLUEDS       Page1teader: Slipheader"]         BackPicture       (Not assigned)         BackPicture Visible       True         BackPicture Visible       True         Color       Color	曲山
Pagel   A Memo7   A Memo7   A TilloataPLUCODE   A Memo13     Properties   Events   BackPicture (Not assigned)   BackPicture (Note assigned)   Duplex   dmNone   EndlessHeight [] Palse   EndlessHeight [] Palse   BackPicture (Note assigned)   Upper Width [] Palse   EndlessHeight 29,70   Orientation poPortrait   OutlineText   PagerBize Custom   PaperWidth 8   PrintOPreviousPace False   ResetPageNumbers False   RightMargin 0,25   Tag   Outline SerialBand	4446 10000
Page1         A Memo7         A TilbataPLUCODE         A TilbataPLUDES         A Memo13         Properties         Events         BackPicturePrintable         Properties         Events         BackPicturePrintable         Properties         Events         BackPicturePrintable         Properties         Events         BackPicturePrintable         PrintoPreventies         Events         ImageDesignHeight         Page1         PrintoPrevenusPac         Page2         PrintoPrevenusPac         PrintoPrevenusPac         PrintoPrevenusPac         PrintoPrevenusPac         PrintoPrevolusPac         PrintoPrevolusPac         PrintoPrevolusPac         PrintoPrevolusPac         PrintoPrevolusPac         PrintoPrevolusPac         Page1         PrintoPrevolusPac         PrintoPrevolusPac         PrintoPrevolusPac         Page         PrintoPrevolusPac         Page 0         PrintoPrevolusPac         Page         PrintoPrev	
SaleData       PageHeader: PageHeader1         A TillDataPLUCODE       FillDataPLUCODE         BackPicture (Not assigned)       FillDataPLUCODE         BackPicture Visible V True       FillDataPLUCODE         BackPicture Visible V True       FillDataPLUCODE         BackPicture Visible V True       False         Color       Clone         Color       Clone         Color       False         Frame       (TfrxFrame)         LargeDesignHeight       False         WirrorMargin       0.25         Name       Page1         Ovientation       Poptrait         Outine Text       False         PageVisubh & S       False         PrintOPrevisusPage False       False         ResetPageNumbers       False         PrintOPrevisusPage False       False         RightMargin	1 7 1
A Memo7 A TillbataPLUCODE A TillbataPLUCODE A Memo13 Properties Events BackPicturePrintable Properties Events BackPicturePrintable True True T	10
A TillostaPLUCODE A TillostaPLUDES A Memoia	-
A TillostaPLUDES A Memo13 Trage1: Tfr:ReportPage Properties Events BackPicture (Not assigned) BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicturePrintable True BackPicture (Not assigned) DataSet (Not ass	
A Memo13       Image 1: TfrxReportPage       Image 1: TfrxReportPage         Properties       Events       [Posdetails "Slipheader"]         BackPicture Visible       True       [Image 1: TfrxReportPage         BackPicture Visible       True       [Image 2: TfrxReportPage         BackPicture Visible       True       [Image 2: TfrxReportPage         Color       Image 2: TfrxReportPage       Image 2: TfrxReportPage         Color       Image 2: TfrxReportPage       Tax Invoice         Color       Image 2: TfrxReportPage       Till [PosSale: "Till ['PosSale: "Till ''PosSale         Protection       Image 2: TfrxReportPage       Image 2: TfrxReportPage         Protection       0.25       Image 2: TfrxReportPage       Image 2: TfrxReportPage         Name       Page 2: True       Image 2: TfrxReportPage       Image 2: TfrxReportPage         Outline Text       PagerMidpht       2: TfrxReportPage       Image 2:	1
age1: TfrxReportPage       Image: TfrxReportPage         Properties       Events         BackPicture       (Not assigned)         BackPicture Visible       True         BackPictureVisible       True         BackPictureVisible       True         BackPictureVisible       True         BackPictureVisible       True         BackPictureVisible       True         BackPicture       (Not assigned)         DataSet       (Not assigned)         Duplex       dmNone         EndlessHeight       Palse         EndlessHeight       Palse         Bront       (Tfor/Frame)         LeftMargin       0.25         Name       Page1         OutlineText       I         PageFize       Custom         PageFize       Custom         PrintOPreviousPage_False       Till [Destor: "ADDRESS1"]         PageFize       False         PrintOPreviousPage_False       Till [Destor: "ADDRESS2"]         PageFize       Custom       ImageDester: StaleData         PrintOPreviousPage_False       Till [PosSale:"PLL", [Pos", [Sale: "AMC         PrintOPreviousPage_False       Till         RightMargin       0.25 <t< td=""><td></td></t<>	
Properties Events   BackPicturePrintable (Not assigned)   BackPicturePrintable True   Columns 0   Duplex dmNone   EnclessWidth Palse   EnclessWidth Palse   BackPicturePrintable Till [PosSale:*Till_!] "[PosSale:*Till_!]   PageTeight 29.70   Columns 0   Orientation poportrait   Orientation poportrait   Orientation 29.70   PaperWidth 8   PrintOrPreviousPace False	
Properties       Events       [Posdetails:"Slipheader"]         BackPicture       (Not assigned)       """"""""""""""""""""""""""""""""""""	
Productors       (Not assigned)         BackPicturePrintable       True         BackPictureVisible       True         BackPicture       (Not assigned)         DataSet       (Not assigned)         Duplex       dmNone         EndlessHeight       Palse         EndlessHeight       Palse         Bront       (TruFrame)         LeftMargin       0.25         Name       Page1         OutlineText       [Debtor:"ADDRESS1"]         PagerHeight       29.70         PagerHeight       29.70         PagerHeight       29.70         PagerHeight       29.70         PagerWidth       8         PrintOnPreviousPage False       True         ResetPageNumbers       False         PrintOnPreviousPage False       True         RightMargin       0.25	-
BackPicture (Not assigned) BackPicturePrintabik@ True FadlessWidth   False Bront (Tfrarme) LargeDesignHeight   False BackPicturePrintabik@ True PageCount 1 PagerHeight 29.70 PaperWidth 8 PrintOPreviousPac_False ResetPageNumbers False RightMargin 0.25 Page 0 Color Page 0 Color Page 0 Color Page 0 Color Page 2 Color Page 0 Color Page 2 Co	
BaddPicturePrintable ITue BaddPicturePrintable ITue BaddPictureVisible ITue BaddPictureVisible ITue BaddPictureVisible ITue BaddPictureVisible ITue Column 0 DataSet (Not assigned) Duplex dmNone EndlessHeight ☐False EndlessHeight ☐False EndlessHeight ☐False EndlessHeight ☐False Frame (TfrxFrame) Errame (TfrxFrame) Errame Age 1 Frame Page 1 Orientation poPortrait OutlineText PaperHeight 29,70 PaperWidth 8 PrintOPreviousPag False ResetPageNumbers False RightMargin 0,25 Code IDescription City I Description ICity I Description PoPortrait Description I Description I Descript	
BackPictureVisible ♥ True BottomMargin 0 Color Color Columns 0 Co	-
BottomMargin       0       Image: Color mark       Tax Invoice         Color       Image: Color mark       Tax Invoice         Columns       0       Image: Color mark       Tax Invoice         DataSet       (Not assigned)       Image: Color mark       Image: Color mark         EndlessHeight       Palse       Image: Color mark       Image: Color mark         Frame       (Tfr:Frame)       Image: Color mark       Image: Color mark         Irende       (Tfr:Frame)       Image: Color mark       Image: Color mark         Irende       (Tfr:Frame)       Image: Color mark       Image: Color mark         Irende       (Tfr:Frame)       Image: Color mark       Image: Color mark         Marce       Page: Color mark       Image: Color mark       Image: Color mark         OutlineText       Image: Color mark       Image: Color mark       Image: Color mark         Page: Mark       29.70       Image: Color mark       Image: Color mark       Image: Color mark         Page: Mark       8       Image: Color mark       Image: Color mark       Image: Color mark         PrintOnPreviousPage: False       Image: Color mark       Image: Color mark       Image: Color mark         PrintOnPreviousPage: False       Image: Color mark       Imagee: Color mark<	]
Color       It chione       It chione         Columns       0       It chione         DataSet       (Not assigned)       It chione         Duplex       dmNone       It chione         Duplex       dmNone       It chione         EndlessHeight       False       It chione         EndlessWidth       False       It chione         Frame       (IfrxFrame)       It chione         Bront       IfrxFrame)       It chione         Duplex       Output       False       It chione         Name       Page1       It chione       It chione         Orientation       poPortrait       It chione       It chione         OutlineText       PageSount       It chione       It chione         PaperVidth       8       It chione       It chione         PrintOPreviousPage False       It chione       It chione       It chione         RightMargin       0.25       It chione       It chione       It chione         If go 0       0       It chione       It chione       It chione         If costale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeostale_PL_ifeost	-
Columns       0       ∞         DataSet       (Not assigned)         Duplex       dmNone         Endless/Height       Palse         Endless/Height       Palse         Frame       (Title for Sale, "TILL") "[PosSale, "TILL"]"[PosSale, "TILL"]         Printonrew       Page1       [Titleford, "ADDRESS2"]       [T	-
Duplex       dmNone         EndlessHeight         False         EndlessWidth         False         Fromt       (TfrxFrame)         Bront       (TfrxFrame)         OutlineText       PageCount         PageSount       1         PaperVidth       8         PrintOPreviousPac       False         PrintOPreviousPac       False         RightMargin       0.25	<u> </u>
Duplex       dmNone         EndlessHeight         False         EndlessWidth         False         Fromt       (TfrxFrame)         Bront       (TfrxFrame)         OutlineText       PageCount         PageSount       1         PaperVidth       8         PrintOPreviousPac       False         PrintOPreviousPac       False         RightMargin       0.25	e."DAT
EndlessHeight Palse EndlessHeight Palse EndlessWidth False Erone (TroxFrame) LargeDesignHeight Palse Mame Page1 Orientation poPortrait Orientation poPortrait PaperHeight 29,70 PaperWidth 8 PrintOrPreviousPag_False ResetPageNumbers False RightMargin 0.25 Code Description City Ecode Description City Ecod	
EndlessWidth   False Frame (TfrxFrame) Frame (TfrxFrame) Erdmanning Carbon Frame (TfrxFrame) Frame (TfrxFrame) Frame (TfrxFrame) Contentation 0.25 MirrorMargins   False PageCount 1 PageCount 1 PageFreight 29,70 PageSize Custom PagerSize Custom PagerVidth 8 ResetPageNumbers   False ResetPageNumbers   False RightMargin 0.25 Page 0 Custom Page 2 PageSize Custom PageSize Custom PrintOPreviousPag False ResetPageNumbers   False RightMargin 0.25 Page 0 Custom Page 0 Custom PageSize Custom PageSize Custom PageSize Custom PrintOPreviousPag False PageSize PLL [Possile:"PL] [Possile:"PL] [Possile:"PL] [Possile:"AMC 'Child: SerialBand	Total
Font       Important         Brame       (Ifform)         LargeDesignHeight       □False         LeftMargin       0.25         Name       Page1         Orientation       poPortrait         OutlineText       PageCount         PaperHeight       29.70         PaperSize       Custom         PrintOProviousPag_False       2         PrintOProviousPag_False       2         RightMargin       0.25         Tag       0	100
LargeDesignHeight in False information poPortrait in poPor	
LeftMargin 0.25 MarcorMargins □False 9 Name Page 1 [Debtor."ACCOUNT"] Tother At 1 1 PaperHeight 29.70 State PintonPreviousPac False 7 RightMargin 0.25 Tag 0 0 22 PaperWidtBand 22 PaperWidt SerialBand	
Lerthargin 0.25 MirrorMargins   False   P Name Page1 Orientation poPortrait OutlineText   Debtor "ACCOUNT"]   Toebtor "ACCOUNT"	NT 0
Name     Page1       Orientation     poPortrait       Orientation     poPortrait       OutlineText     [Debtor."ACCOUNT"]       Page20unt     1       Page1Height     29,70       PrintOnPreviousPag     Palse       Palse     1       [Destate:"PL"]     [Possite:"PL"]       Palse     1       Tag     0       Palse     2	e. Type"
Name     Page1       Orientation     poPortrait       OutlineText     -       PageCount     1       PaperHeight     29.70       PrintORPreviousPac     -       PrintORPreviousPac     False       RightMargin     0.25       Tag     0	
Outline Text     Tobality       PageCount     1       PaperHeight     29.70       PaperHeight     29.70       PaperHeight     29.70       PaperHeight     29.70       PaperVisith     8       PrintOPreviousPace     False       RightMargin     0.25       Tag     0	
OutlineText     Image: Constraint of the second secon	7
PaperHeight     29.70     21       PaperHeight     29.70     21       PaperWidth     8     21       PrintDiffempty     12     12       PrintDif	4
PaperSize     Custom       PaperSize     Custom       PaperWidth     8       PrintIfEmpty     ✓ True       PrintOnPreviousPac     False       ResetPageNumbers     False       RightMargin     0.25       Tag     0	-
Paper%ide     Custom     -        Paper%ide     8     2*       PrintDrPvolusPac_False     2*       ResetPageNumbers     False       RightMargin     0.25       Tag     0	
Print/Empty     ♥ True       Print/Empty     ♥ True    <	-
PrintDiffempty     True       PrintDiffempty     True       PrintOnProvidusPac     False       ResetPageNumbers     False       RightMargin     0.25       Tag     0       PrintOnProvide     22       Child: SerialBand	
PrintOnPreviousPac_False     T       ResetPageNumbers     False       RightMargin     0.25       Tag     0       PrintOnereviousPac_False     2	
ResetPageNumbers     False     False       RightMargin     0.25     [PosSale."PL] [PosS] [Sale."AMC       Tag     0     P       Child: SerialBand     P	PosSale
Tag 0 2 Child: SerialBand	
	COULT
TitleBeforeHeader V True	
TopMargin 0 ( Visible ♥ True ♥ MasterData: TenderData	PosSale



On the properties of the receipt layout find the font option and select the 3-dotted button on the right.



On the Font dialogue box, select the FontB11. The Font style must be left as is on t regular. The size will be changed on the properties page. Once completed, select the Ok option.



Page 80 of 81

Edit Report View	Help	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	高 9 で 昭昭 # 韓 尊 100% -
	ontB11 • 7 •	B ℤ Ψ   Ir 🛕 🖭 🗞   🖺 🖷 🗏 🗏
Code Data Pa	ge1	
		≤ 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 1
Page1	1	
🖻 💳 SaleData		PageHeader: PageHeader1
A Memo		
A TillDa	taPLUCODE	-
	taPLUDES	
A Memo	513	8
		× · · · · · · · · · · · · · · · · · · ·
Page1: TfrxReportPa	ige	
	1	[Posdetails."Slipheader"]
Properties Events		
BackPicture	(Not assigned)	4
BackPicturePrintab		[IIF( <possale."voided">,"*Sale Void*','')]</possale."voided">
BackPictureVisible BottomMargin	0	
Color		
Columns	0	Tax Invoice
DataSet	(Not assigned)	- [ Till [PosSale."TILL"] [PosSale."TIM ][PosSale."DAT ]
Duplex	(Not assigned) dmNone	
EndlessHeight		Code [Description ] [Gty ] [ Total]
EndlessWidth	False	
Font	(TFont)	
Charset	ANSI_CHARSET	
Color	clBlack	
Name	Fonteur	GroupHeader: GroupHeader1 PosSale."Type"
Size		
⊞Style	ū –	[Debtor."ACCOUNT"]
	(TfrxFrame)	Tooktox "NA ME"
LargeDesignHeight	🗆 False	
LeftMargin	0.25	- [Debtor."ADDRESS1"]
MirrorMargins	False	☐ ☐ [Debtor."ADDRESS2"]
Name	Page1	[Debtor."TELEPHONE1"]
Orientation	poPortrait	
OutlineText		
PageCount	1	MasterData: SaleData 🕥 PosSale
PaperHeight	29.70	
PaperSize	Custom	
PaperWidth	8	👳 PChild: SerialBand
PrintIfEmpty	✓ True	Serial: [PosSale."SERIAL"]
PrintOnPreviousPa		👳 MasterData: TenderData 🥥 PosSale
ResetPageNumber		_ [Tenders."DESCRIPT"]e."AMOUNT"]
RightMargin Tag	0.25	CroupFooter: GroupFooter1

On the properties of the receipt/slip layout design, select the Font option. Change the size property to 5. This will change the whole receipt document font size to 5.

<u>E</u> dit <u>R</u> eport <u>V</u> ie	ew Help	
		● ● 日日日 # 単 非 100% -
Ψ	FontB11 • 7 •	B ∠ U   Tr 🙏 唑 ≫
Code Data I	Page1	
		⊻ 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 1
Page1		
A Me		
	DataPLUCODE	
	DataPLUDES	
A Me		
Page1: TfrxReport		
		Posdetails."Slipheader"]
Properties Even	ts	- [Postetails, Supreader ]
BackPicture	(Not assigned)	4
BackPicturePrint		
BackPictureVisibl		
BottomMargin	0	
Color	clNone	5 Tax Invoice
Columns	0	
DataSet	(Not assigned)	- Till [PosSale,"TILL"] [PosSale."TIM [PosSale."DAT ]
Duplex	dmNone	Code Description Gtv T Total
EndlessHeight	False	Code ][Description ] [Gty ] [ Total]
EndlessWidth	False	
Font	(TFont)	
Charset	ANSI CHARSET	<u> </u>
Color	CIBIACK	GroupHeader: GroupHeader1 PosSale,"Type"
Name	FontB11	- Groupricader, Groupricader Possale, Type
Size		
E style	ii ii	[Debtor."ACCOUNT"]
EFrame	(Tfr×Frame)	Debtor."NAME"]
LargeDesignHeig		
LeftMargin	0.25	[Debtor."ADDRESS1"]
MirrorMargins	- False	☐ ♀ [Debtor."ADDRESS2"]
Name	Page1	[Debtor."TELEPHONE1"]
Orientation	poPortrait	
OutlineText		
PageCount	1	
PaperHeight	29.70	
PaperSize	Custom	
PaperWidth	8	2 Child: SerialBand
PrintIfEmpty	✓ True	- Serial: [PosSale."SERIAL"]
PrintOnPrevious		😑 MasterData: TenderData 🚺 PosSale
ResetPageNumb		[Tenders."DESCRIPT"]
RightMargin	0.25	GroupFooter: GroupFooter1

