

We are currently updating our site; thank you for your patience.

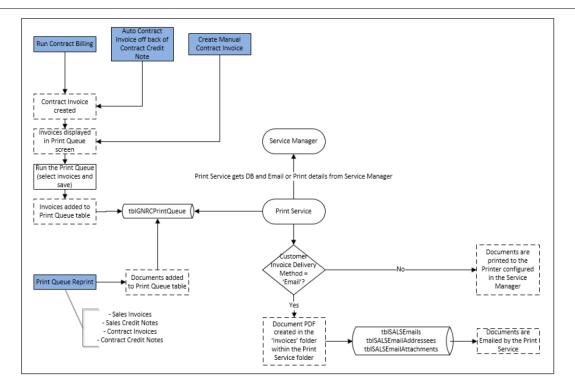
BPO PRINT SERVICE

The Print Service prints or emails Invoices and Credit Notes.

Print Service (Creates and Sends Emails based on unprocessed records in tbIGNRCPrintQueue

- ° Gets Environment details from Service Manager.
- Monitors Print Queue table (records created from Print Queue / Print Queue Reprint)
- Document PDF saved to 'Invoices' folder within the Print Service folder
- ° Print / Email based on Customer Invoice Delivery Method
- Where Invoice Delivery Method is Print will print to the Printer defined in the Service Manager
- RelatedToTypes in tblSALSEmails:
 - ° CINV Sales Invoice
 - ° CRNT Sales Credit Note
 - ° CTIN Contract Invoice
 - CTCN Contract Credit Note





REQUIREMENTS

 This local service console application will be installed by your CO3 Analyst or BPO System Administrator on your company's application server, and run automatically through Windows Services at the interval defined in the Environment file. Confirm with your System Administrator to check on the interval configured for your company.

INSTALLATION

- Double click on the 'RSI_PrintService' install file.
 - **Note**: Check that you have the latest version compatible with your version of BPO.



I Image: Imag		- 🗆 × ~ 🕑
← → × ↑ 📙 → This PC → Local Disk (C:) →	CO3Projects > CO3_Products > RSI_PrintService > v6.0.0.1 v 0 P Search v6.0.0.1	
 30 Objects 30 Objects Desktop Documents Downleads Music Pictures Videos Local Disk (C) SWinREAgent seta5316147349798de72dd5cce2 Backup CanoScan COBProjects DRVFRS EvoBIC MetaData GoldriveTemp FertLogs Program Files Program Files Program Files Program Files SQL2019 Tenp Tenpa Tibota Uses V 	FS print with a second se	
1 item 1 item selected 44.1 MB	Capture screenshot.	III 📰

- The Installation Wizard will open.
- Click on Next.

📕 İ 🗹 📑 🖛 İ v6.0.0.1		- 🗆 ×
File Home Share View		~ 😢
← → ~ ↑ 🔒 > This PC → Local Disk (C:)	> CO3Projects > CO3_Products > RSI_PrintService > v6.0.0.1 v &	
	RSI, PrintService, x64_setup_x6.00. 1.msi PO Print Service - X Welcome to the BPO Print Service Setup Wizard The installer will guide you through the steps required to install BPO Print Service on your computer.	
Chures C	WARNINS: This computer program is protected by copyright law and international treates. Unsufficiented diplication or dimitbuling of this program, or any portion of it, may result in severe of it or criminal penalities, and will be protected to the maximum electric process the form in the law.	
1 item		8== 📰

• The default location for installation is:



C:\Program Files\CO3 Technologies (Pty) LTD\RSI Print Service

It is recommended that you keep this default location. Keeping a standard will make upgrades easier.

- Ensure that **Everyone** is selected for the install.
- Click on the **Next** button.

📙 İ 🛃 🖶 🖛 İ v6.0.0.1		- 🗆 ×
File Home Share View		~ 🔞
$\leftarrow \rightarrow \checkmark \uparrow$ A state in the third of the theorem is the theorem in the theorem is the theorem in the theorem is theorem is the theorem is the theorem is the theorem is the t	> CO3Projects > CO3.Products > RSL/PrintService > v6.0.0.1 v 0	
Quick access Log Log Log Voltabel Voltabel Voltabel Voltabel Voltabel Voltabel Decktop Documents Documents Documents Volcos	ES prinsprinde. Inside BPO Print Service Select Installation Folder The instaler will instal BPO Print Service to the following loide: To inside this (delse, cick: "Next": To install to a different (delse, entre in below or cick: "Browse": Ester: C-V-Program Flark/CO3 Technologies (Phy) LTD/BPO Print Service\ Instal BPO Print Service for yoursel; or for anyone who uses this compute: @ Everyone Uses (Back Next) Cancel	
1 item		8== 📼

- The installer will ask you to **Confirm Installation**.
- Click on **Next** to start the installation.



III → + v6.0.0.1			- • ×
	> CO3Projects > CO3_Pro	ducts > RSI_PrintService > v60.0.1 v & D / Search v60.0.1	
Cuick access Cuick access Courtbads Cuoy Cuick access Court of the second of the seco	RSI.PrintService, x64.Setup v6.0.0. 1.msi	BPD Print Service Confirm Installation The initialer is ready to mutal BPD Print Service on your computer. Click "Next" to atal the initialision. Click "Next" to atal the initialision. CBook Next 2 Cancel	
1 item			812 📼

- The **Print Service** installation will begin.
- Wait for it to be completed.

	×
	~ ?
Ref Hore Start Ref Hore Ref Hore Start Vew Condition Pownloads Ing Start Start Start Start Pownloads Music Pownloads <	



- Once Installation is **Complete**.
- Click on Close.

III → v6.0.0.1			- 🗆 × ~ 👔
	> CO3Projects > CO3_Pro	vducts > RSI_PrintService > v6.0.0.1 v 💍 🔎 Search v6.0.0.1	
 This PC > Local Disk (C) Quick access Log Log SUP Doubloads Log SUP Doubload PrimService, files OneDrive - Personal This PC 30 Objects Decuments Documents Documents Music Pictures Videos Local Disk (C:) Network 	CO3Projects > CO3_Pro CO3_Projects > CO3_Pro FS1_PrintService_ rs64_Setup_rs60.0 1.mmi	ducts > RSLPrintService > v6.0.0.1 v 0 P Search v6.0.0.1	
1 item			8== 📰

CONFIGURATION

1. In your File Explorer, search for the following file location:

C:\Program Files\CO3 Technologies (Pty) LTD\RSI Print Service

• Right click on the **Envn.xml** file.



📙 📄 📙 w BPO Print Service							-	n x
File Home Share View								~
🗰 💿 = 🖷 📙 > This PC > Local Disk ((C:) > Program Files > CO3 Technologies (Pt)	/) LTD > BPO Print Service			~ ō	P Search BPO Pri	nt Service	
L	Name	Date modified	Туре	Size	Í			
Quick access	dxPurchaseOrder.dll	2020/09/08 10:09	Application exten	195 KB				
Downloads	dxRequisition.dll	2020/09/08 10:09	Application exten	116 KB				
Log	dxReturnNote.dll	2020/09/08 10:09	Application exten	135 KB				
Log	dxReturnRequest.dll	2020/09/08 10:09	Application exten	109 KB				
SUP.004.001, PrintService, Files	dxRevaluationRequest.dll	2020/09/08 10:09	Application exten	104 KB				
SUP 304.301, Printpervice, Nes	dxSalesBackOrder.dll	2020/09/08 10:09	Application exten	106 KB				
OneDrive - Personal	dxSalesCrNote.dll	2020/09/08 10:09	Application exten	208 KB				
This PC	dxSalesInvoice.dll	2020/09/08 10:09	Application exten	248 KB				
	dxSalesOrder.dll	2020/09/08 10:09	Application exten	217 KB				
30 Objects	dxSalesProposal.dll	2020/09/08 10:09	Application exten	815 KB				
Desktop	dxSalesOuote.dll	2020/09/08 10:09	Application exten	187 KB				
Documents	dxServiceHistory.dll	2020/09/08 10:09	Application exten	159 KB				
4 Downloads	dxServiceReport.dll	2020/09/08 10:10	Application exten	93 KB				
Munic	dxServiceReport_ByPer.dll	2020/09/08 10:10	Application exten	93 KB				
E Pictures	dxStockAdjustment.dll	2020/09/08 10:10	Application exten	100 KB				
	dxStockRevaluation.dll	2020/09/08 10:10	Application exten	105 KB				
Videos	dxStockTakeSheet.dll	2020/09/08 10:10	Application exten	55 KB				
Local Disk (C)	dxStockVariance.dll	2020/09/08 10:10	Application exten	64 KB				
Network	dxSupplierDebitNote.dll	2020/09/08 10:10	Application exten	122 KB				
	dxSupplierInvoice.dll	2020/09/08 10:10	Application exten	117 KB				
	dxSupplierReturn.dll	2020/09/08 10:10	Application exten	135 KB				
	dx TransferNote.dll	2020/09/08 10:10	Application exten	110 KB				
	dxUnbilledItems.dll	2020/09/08 10:10	Application exten	100 KB		-		
	dxWarrantyClaim.dll	2020/09/08 10:10	Application exten	132 KB		1		
	dxWipTransaction.dll	2020/09/08 10:10	Application exten	96 KB				
	dxWorkOrder.dll	2020/09/08 10:10	Application exten	293 KB				
	Envn.xml	- B21707/01 09:50	XML File	1 KB				
	HtmlAgilityPack.dll	2020/03/09 12:26	Application exten	132 KB				
	lonic.Zip.dll	2010/02/26 05:30	Application exten	435 KB				
	NetEmail.dll	2018/02/19 15:12	Application exten	7 KB				
	NetEmail.tlb	2018/02/19 15:12	TLB File	3 KB				
	NetReports.dll	2020/09/08 10:10	Application exten	53 KB				
	PrintSDK.dll	2021/06/30 09:55	Application exten	46 KB				
	RSI_PrintService.exe	2021/07/01 15:38	Application	53 KB				
	RSI_PrintService.InstallState	2022/06/12 12:45	INSTALLSTATE File	8 KB				
32 items		, JU/ 12/4J	The stand of the state	510				

- The File menu will open.
- Select to either Open with *Notepad* or Edit with Notepad++ (or any program that will allow editing and saving an xml file).

🛛 📄 🖬 🖉 BPO Print Service						>
Home Share View						
· · · · · · · · · · · · · · · · · · ·	k (C) > Program Files > CO3 Technologies (Pty) LTC	3 BPO Print Service			✓ ð	Post Service
Cuick access	Name	Date modified	Type	Size		
	dePurchaseOrder.dll	2020/06/08 10:09	Application exten	195.438		
4 Downloads	deRequisition.dll	2020/06/08 10:09	Application exten	116.43		
Log	deReturnNote.dll	2020/06/08 10:09	Application exten	135.438		
Log	deReturnRequest.dll	2020/06/08 10:09	Application exten	109.43		
SUP.004.001_PrintService_files	defendationReport.dll	2020-09-09 10-09	Application exten	104.83		
CneDrive - Personal	deSalesBa Open	10.09	Application exten	106.438		
Contract Parameter	di Salei Ci Edit	10.00	Application exten	208.48		
This PC	de Salesim 🔕 Share with Skype	10.00	Application exten	240.60		
30 Objects	deSalesOr 💼 Scan for threats	10.09	Application exten	217 KB		
Desktop	de SalesPri 🌰 Move to OneDrive	10.00				
Documents	S deSalerQu 7-Zip deSalerQu 7-Zip	> 10.09		e with Notepad		
- Downloads	CAC Share	> 10.10	OF NOTE	epad++		
Music	Edit with Notepad++	<	Application exten	93.43		
	Contraction of the second		\ \	20		
R Pictures	Open with	> 📓 Mare		G		
Wideos Videos	de Stock Te Wielderge	NO Micro	soft Visual Studio 2019			
Local Disk (C)	Restore previous version	ni () Office	XML Handler	G		
Network	deSupplie Send to	🔊 🧵 Notes	bad			
	S deSupple Cut	Word	Pad	10		
	12 Adverte	Sec.	h the Microsoft Store			
	de Tamén	_	se another app	10		
	deChaller Create shortcut	page 10	and the second states of the s			
	🗟 deWarran 🧐 Delete	10.10	Application exten	132.48		
	🖻 deWigTher 🧐 Rename	10.10	Application exten	96.42		
	deWorkOr Properties	10.10	Application exten	293.48		
	Envn.xml	05.50	XML File	148		
	[5] HenikgiltyPack.dl	2020/03/09 12:26	Application exten	132.48		
	S Innic Zap-dil	2010/02/26 05:30	Application exten	425.68		
	S Net[mail.dl	2018/02/19 15:12	Application exten	7.68		
	Net[mailth	2018/02/19 15:12	TLB File	3.43		
	NetReports.dll	2020/06/08 10:10	Application exten	53.48		
	Print/DK.dll	2021/06/30 09:55	Application exten	45.53		
	RS, PrintService.exe	2021/07/01 15:38	Application	53.48		
	RS, PrintService.InstallState	2022/06/12 12:45	INSTALLSTATE File	0.40		

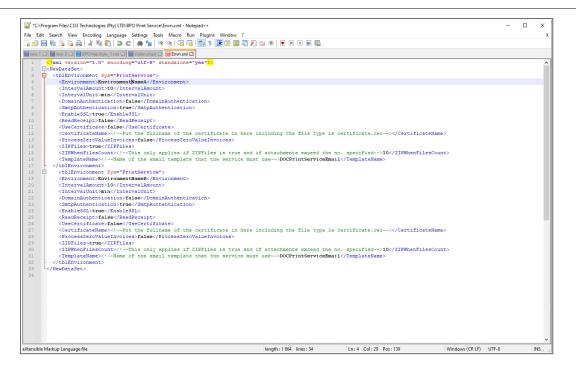
The xml file will open in the selected program.



Define the following tags:

- Environment: as defined for this database, in the Service Manager.
- IntervalAmount and IntervaUnit: The frequency with which the application will be run by Windows Services. In this example
 I have set the interval to 10 minutes.
- **DomainAuthentication**: True or False depending on whether required for your email server.
- **SmtpAuthentication**: True or False depending on whether required for your email server.
- EnableSSL: True or False depending on whether required for your email sever.
- **ReadReceipt**: True or False depending on whether you require the recipient to mark as read.
- UseCertificate: True or False depending on whether required for your email sever. If required, ensure the certificate name is noted in the <CertificateName> tag, and is in a folder named Certificates within the Print Service installation folder.
- **ProcessZeroValueInvoices**: True or False depending on whether you want Zero Value Invoices to be printed or emailed to your clients.
- **ZIPFiles**: True or False depending on whether you want the files to be zipped when the number of attachments exceed the number specified in the <ZIPWhenFilesCount> tag.
- **ZIPWhenFilesCount**: This count only needs to be specified when the <ZIPFiles> tag is True.





• Multiple environments are configured by setting up additional <Environment> tags within the main <dsEnvironments> tag.

CONFIGURE SCHEDULED TASK

BPO Service Console Applications run automatically through Windows Services at the interval defined in the Environment file. This interval should be defined by the frequency invoice and credit notes are created throughout the day, and depends on your company's requirements, e.g., every 30 minutes.

RUN APPLICATION AND CHECK LOGS

Running the application after installation and configuration is important, in order to ensure all configuration has been done correctly.

Refer to" **Start a service** " on page 1 for more information relating to starting a Windows Service.



After running the application check the application's log to ensure the application is running correctly.

- Browse to the application's installation folder.
- Log text files are generated by date within the **Log** folder.

This PC > Local Disk	(C:) > Program Files > CO3 Technologies (Pty) LTD :	BPO Print Service			× 8	P Search BPO Print Service	
_	Name	Date modified	Tape	See			
Quick access							
- Downloads	Invoices	2622/05/31 10:30	File folder	_			
Log	Log	2022/05/31 13:08	File folder				
RSI, Printlervice	Reports_STD	2522/06/12 12:45	File folder				
SUP.004.001, PrintService, Siles	Temp	2022/05/31 16/05	File folder				
and and an investment of the	BusinessLayer.dll	2021/06/30-09-55	Application exten	7.62			
OneDrive - Personal	Detal.ayer.dll	2021/06/30 09:55	Application exten				
This PC	DevExpress.Charts.v18.2.Core.dll	2018/11/16 11:46	Application exten	736.438			
	DevExpress.CodeParser.v18.2.dll	2018/11/16 11:45	Application exten	1 707 838			
30 Objects	DevExpress.Data v18.2.dll	2018/11/16 11:46	Application exten	6-624 KB			
Desktop	DevExpress.DataAccess.v18.2.dll	2018/11/16 11:46	Application exten	1 608 438			
Documents	DevExpress.DataAccess.v18.2.01.dll	2018/11/16 11:46	Application exten	906 KB			
- Downloads	DevExpress.Diagram.v18.2.Core.dll	2018/11/16 11:46	Application exten	2.840 KB			
Munic	DevExpress.Images.v18.2.dll	2018/11/16 11:46	Application exten	8 101 838			
E Pictures	DevExpress.Office.v18.2.Core.dll	2018/11/16 11:46	Application exten	2 341 KB			
	DevExpress.Pdf.v18.2.Core.dll	2018/11/16 11:46	Application exten	2 890 KB			
Videos	DevExpress.PivotGrid.v18.2.Core.dll	2018/11/16 11:46	Application exten	3 046 KB			
Local Disk (C)	DevExpress.Printing.v18.2.Core.dll	2018/11/16 11:46	Application exten	4 107 83			
Network	DevExpress.RichEdit.v18.2.Core.dll	2018/11/16 11:46	Application exten	6.905.KB			
	DevExpress.Sparkline.v18.2.Core.dll	2018/11/16 11:46	Application exten	06 KB			
	DevExpress.Ubits.v18.2.dll	2018/11/16 11:46	Application exten	13.620.KB			
	DevExpress.Ubits.v18.2.ULd8	2018/11/16 11:46	Application exten	351 KB			
	DevExpress.Xpn.v18.2.dll	2018/11/16 11:46	Application exten	1 862 88			
	DevExpress.XtraBars.v18.2.dll	2018/11/16 11:46	Application exten	6.239.838			
	DevExpress.XtraCharts.v18.2.dll	2018/11/16 11:46	Application exten	4 525 KB			
	DevExpress.XtraCharts.v18.2.Extensions.dll		Application exten	35.438			
	DevExpress.XtraCharts.v18.2.Wcard.dll	2018/11/16 11-46	Application exten	7 298 838			
	DevExpress.XtraDiagram.v18.2.dll	2018/11/16 11-46	Application exten	1.231.838			
	DevExpress.XtraEditors.v18.2.dll	2018/11/16 11-46	Application exten	6.272.838			
	DevExpress.XtraGauges.v18.2.Core.dll	2018/11/16 11:46	Application exten	1913.438			
	DevExpress.XtraGrid.v18.2.48	2018/11/16 11:46	Application exten	3 252 88			
	DevExpress.XtraLayout.x18.2.48	2010/11/16 11:46	Application exten	1 954 83			
	DevExpress.XtraNavBar.x18.2.dll	2018/11/16 11:46	Application exten	431.83			
	DevExpress.XtraFivotGrid.v18.2.dll	2018/11/16 11-46	Application exten	219.42			
	DevExpress.3traPrinting.v18.2.dll DevExpress.3traPrinting.v18.2.dll	2018/11/16 11-46	Application exten	1 101 KB			

- Open the Log file generated for the corresponding date.
- Check that connection was successful, and that there are no errors in the log.
- Resolve any issues until the log file is clear of errors.



Print Service

→ * ↑ -> This PC → Local Dis	nk (C:) > Program Files > CO3 Technologies (Pty) LTD > BPO Print Service > Log v 🖏 🖉 Search Log
	Name Date modified Type Size
Quick access	■ RSL_Printing_Log_31052022.txt 2022/05/31 16:05 Text Document 122 KB
Downloads	RSI Printing Log 310520221.txt 2022/05/31 13:06 Text Document 19 KB
Log	RSL Printing_Log_26052022.txt 2022/05/26 09:36 Text Document 95 KB
RSI_PrintService	RS-
SUP.004.001_PrintService_files	×
OneDrive - Personal	File Edit Format View Help
OneDrive - Personal	15:12: RSI_PrintService: Version: 6.0.0.1 Started.
This PC	15:12: RSI_PrintService: Checking for environment file :C:\Program Files\CO3 Technologies (Pty) LTD\BPO Print Service \Envn.xml
3D Objects	\tnvn.xmu 15:12: RSI PrintService: The timer settings are once every 1 min.
Desktop	16:05: RSI PrintService: Database : BP02 ALPHA 25011
Documents	16:05: RSI_PrintService: Server : NBDB0011\BPO
Downloads	31/05/2022 16:05: RSI_PrintService: The timer settings are once every 1 min.
•	31/05/2022 16:05: RSI_PrintService: Loading Connection Properties.
h Music	31/05/2022 16:05: RSI_PrintService: Checking HTML template configuration for 'DOCPrintServiceEmail'. 31/05/2022 16:05: RSI PrintService: Connection Properties Loaded Successfully.
Pictures	3/05/2022 16:05: RSI PrintService: Version: 6.0.0.1 Checking or Records To Process: Found 1
Videos	31/05/2022 16:05: RSI PrintService: Checking For Records To Process: Found Invoice No: IN0000816, Print Queue ID: 960.
Local Disk (C:)	31/05/2022 16:05: RSI_PrintService: Loading Service Config for site 1.
Network	31/05/2022 16:05: RSI_PrintService: Printer Loaded: Microsoft Print to PDF
Network	31/05/2022 16:05: RSI_PrintService: Ready to Print, InvoiceNo: IN0000816 Printer: Microsoft Print to PDF 31/05/2022 16:05: RSI PrintService: Invoice No : IN0000816, Print Method - Email, Attempting to Save Email
	31/05/2022 16:05: RSI PrintService: Loading Service Config for site 1.
	31/05/2022 16:05: RSI PrintService: Creating HTML email for Invoice: IN0000816 from 'DOCPrintServiceEmail' email flag.
	31/05/2022 16:05: RSI_PrintService: Invoice No : IN0000816, Print Method - Email, Email Saved Successfully.
	31/05/2022 16:05: RSI_PrintService: Invoice No : IN0000816 Processed Successfully.
	31/05/2022 16:05: RSI_PrintService: Invoice No : IN0000816 Flagged as Processed Successfully. 31/05/2022 16:05: RSI PrintService: Finished processing print queue items.
	31/03/2022 16:05: RSI_PrintService: finished processing print queue Items. 31/05/2022 16:05: RSI PrintService: (hecking for Print Queue Emails To Send: Found: 1
	31/05/2022 16:05: RSI PrintService: Found Email to send EmailID: 10076 Related To ID: 871 Related To Type: CTIN
	31/05/2022 16:05: RSI_PrintService: Customer Code: TIA001 Contact Name: Jackie Sutherland Invoice No: IN0000816
	31/05/2022 16:05: RSI_PrintService: Loading Service Config for site 1.
	31/05/2022 16:05: RSI PrintService: Retrieving Email Addressees.
	31/05/2022 16:05: RSI_PrintService: Retrieving Email Attachments. 31/05/2022 16:05: RSI PrintService: No of Attachments: 1.
	3/05/2022 16:05: RSI Print:Service: Attempting to send email 10076.
	31/05/2022 16:05: RSI PrintService: Email 10076 marked as sent.

- It is recommended that you check the log files the following day to make sure the Scheduled Task fired that there are no errors in the log.
- This application can now be left to run via the Windows Scheduled Task.
- Review the log if any issues arise on BPO related to this functionality.

Related Topics

- Print Queue
- Print Queue Reprint
- Print Queue Viewer

SUP.004.001