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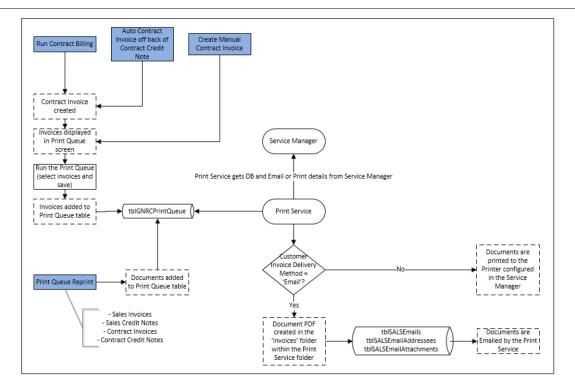
BPO PRINT SERVICE

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.



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

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• 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.

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Cuick access Downloads Log log V2.5.0x OneDrive - Personal This PC J3 0 Objects Desktop Downloads Downloads Music Pictures Videos Local Disk (Cs) Network	Select Installation Folder Select Installation Folder The instaler will install BPD Print Service to the following folde: To install this folder, click "Neat". To install to a different folder, enter it below or click "Biowre". Folder [CVProgram File:/C03 Technologies (Phy)LID'\BPD Print Service\ Diuk Cost Install BPD Print. Service for yourself, or for anyone who uses this computer: @ Everyone Just me Reack Neat Cancel	
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- The installer will ask you to **Confirm Installation**.
- Click on **Next** to start the installation.



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

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

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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.



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Quick access	dxPurchaseOrder.dll	2020/09/08 10:09	Application exten	195 KB				
4 Downloads	dxRequisition.dll	2020/09/08 10:09	Application exten	116 KB				
Log	dxReturnNote.dll	2020/09/08 10:09	Application exten	135 KB				
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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	dxSalesQuote.dll	2020/09/08 10:09	Application exten	187 KB				
Documents	dxServiceHistory.dll	2020/09/08 10:09	Application exten	159 KB				
Downloads	dxServiceReport.dll	2020/09/08 10:10	Application exten	93 KB				
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Pictures	dxStockAdjustment.dll	2020/09/08 10:10	Application exten	100 KB				
Videos	dxStockRevaluation.dll	2020/09/08 10:10	Application exten	105 KB				
-	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				
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	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	-021/07/01 09:50	XML File	1 KB				
	HtmlAgilityPack.dll	2020/03/09 12:26	Application exten	132 KB				
	S Ionic.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				
items								

- 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).

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	Henikgik/Fack.dll	2020/03/09 12:26	Application exten	132.48				
	lonic.Zp.dl	2010/02/26 05:30	Application exten	425 KB				
	NetEmail.dll	2018/02/19 15:12	Application exten	7.63				
	NetEmail.tb	2018/02/19 15:12	TLB File	3.43				
	NetReports.dll	2020/06/08 10:10	Application exten	52.68				
	PrintSDK.dll	2021/06/30 09:55	Application exten	45.12				
	RS, PrintService.exe	2021/07/01 15:38	Application	52.63				
	RSI, PrintService.InstallState	2022/06/12 12:45	INSTALLSTATE File	1.43				

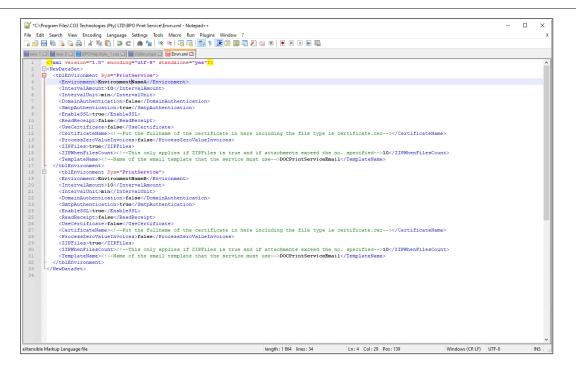
The xml file will open in the selected program.



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.

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Downloads	Log	2022/05/31 13:08	File folder				
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Documents	DevExpress.DataAccess.v18.2.07.dtl	2018/11/16 11-46	Application exten	906 KB			
	DevExpress.Diagram.v18.2.Core.dll	2018/11/16 11-46	Application exten	2 840 KB			
Downloads	DevExpress.Images.v18.2.dll	2010/11/16 11-46	Application exten	8 101 68			
Music	DevExpress.Office.v18.2.Core.dll	2010/11/16 11-46	Application exten	2.341.63			
 Pictures 	DevExpress.Pdf.x18.2.Core.dll	2010/11/16 11-46	Application exten	2 890 KB			
Wideos	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	2010/11/16 11-46	Application exten	4 107 83			
	DevExpress.RichEdit.v18.2.Core.dll	2010/11/16 11-46	Application exten	6.905.KB			
Network	DevExpress.Sparkline.v18.2.Core.dll	2010/11/16 11-46	Application exten	05 KB			
	DevExpress.Ubits.v18.2.dll	2010/11/16 11-46	Application exten	13 620 KB			
	DevExpress.UNIx.v18.2.UI.dll	2018/11/16 11-46	Application exten	251 KB			
	DevExpress.Xps.v18.2.dll	2010/11/16 11-46	Application exten	1.002 KB			
	DevExpress.3traBars.v18.2.dll	2018/11/16 11-46	Application exten	6.229.KB			
	DevExpress.3traCharts.v18.2.dll	2010/11/16 11:46	Application exten	4 525 KB			
	DevExpress.3baCharts.v18.2.Extensions.dll	2018/11/16 11:46	Application exten	25.438			
	DevExpress.3baCharts.v18.2.Wcard.dll	2018/11/16 11-46	Application exten	7 298 KB			
	DevExpress.XtraDiagram.v18.2.dll	2018/11/16 11-46	Application exten	1.231 KB			
	DevExpress.3traEditors.v18.2.dll	2018/11/16 11:46	Application exten	6.272.83			
	DevExpress.XtraGauges.v18.2.Core.dll	2018/11/16 11:46	Application exten	1 913 KB			
	DevExpress.XtraGrid.v18.2.dll	2018/11/16 11-46	Application exten	3 252 KB			
	DevExpress.Xtral.ayout.v18.2.48	2010/11/16 11-46	Application exten	1 954 KB			
	DevExpress.3traNavBar v18.2.dll	2018/11/16 11-46	Application exten	421.83			
	DevExpress.XtraPivotGrid.v18.2.dll	2018/11/16 11-46	Application exten	219.42			
	DevExpress.XtraPrinting.v18.2.dll	2010/11/16 11-46	Application exten	1.101.68			

- 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

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Quick access	Name Date modified Type Size
Quick access Downloads	RSL_Printing_Log_31052022.txt 2022/05/31 16:05 Text Document 122 KB
Log	RSL_Printing_Log_310520221.txt 2022/05/31 13:06 Text Document 19 KB
	🖹 RSL_Printing_Log_26052022.txt 🔪 2022/05/26 09:36 Text Document 95 KB
RSI_PrintService	RS RSL Printing Log 12062022.txt - Notepad
SUP.004.001_PrintService_files	
OneDrive - Personal	File Edit Format View Help 15:12: RSI PrintService: Version: 6.0.0.1 Started.
71-00	15:12: RSI PrintService: Version: 0.0.01 started. 15:12: RSI PrintService: Checking for environment file :C:\Program Files\CO3 Technologies (Pty) LTD\BPO Print Service
This PC	\Envn.xml
3D Objects	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 31/05/2022 16:05: RSI PrintService: The timer settings are once every 1 min.
🕹 Downloads	31/05/2022 16:05: RSI PrintService: Loading Connection Properties.
Music	31/05/2022 16:05: RSI PrintService: Checking HTML template configuration for 'DOCPrintServiceEmail'.
Pictures	31/05/2022 16:05: RSI_PrintService: Connection Properties Loaded Successfully.
Videos	31/05/2022 16:05: RSI_PrintService: Version: 6.0.0.1 Checking For Records To Process: Found 1
	31/05/2022 16:05: RSI_PrintService: Checking For Records To Process: Found Invoice No: IN0000816, Print Queue ID: 960. 31/05/2022 16:05: RSI PrintService: Loading Service Config for site 1.
Local Disk (C:)	31/05/2022 16:05: RSI Printervice: Dualing service coming for site 1.
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.
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	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.
	31/05/2022 16:05: RSI_PrintService: Checking 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.
	3/05/2022 16:05: RSI PrintService: Retrieving Email Attachments.
	31/05/2022 16:05: RSI_PrintService: No of Attachments: 1.
	31/05/2022 16:05: RSI_PrintService: Attempting to send email 10076.
	31/05/2022 16:05: RSI PrintService: Email 10076 marked as sent.
	31/05/2022 15:14: RSI PrintService: Database : BP02_ALPHA_25011

- 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