

Knowledgebase > Lasernet FO Connector > Lasernet FO Connector FAQs > How do I Use Alternative Storage Options to Add Images to a Dynamics 365 FO Report?

How do I Use Alternative Storage Options to Add Images to a Dynamics 365 FO Report?

Claire Oakey - 2023-12-01 - Comments (0) - Lasernet FO Connector FAQs

Lasernet for Dynamics 365

Images can be used to enhance the appearance and readability of reports. In Dynamics 365 Finance and Operations, images can come directly from the software saved to Docuref. To learn how to add images from Dynamics to a Lasernet report see:

How to add the Product image to a report

For links to the examples that accompany this article:

- Using File System storage options to add images to a Dynamics 365 Finance and Operations report
- Using Azure Storage options to add images to a Dynamics 365 Finance and Operation report

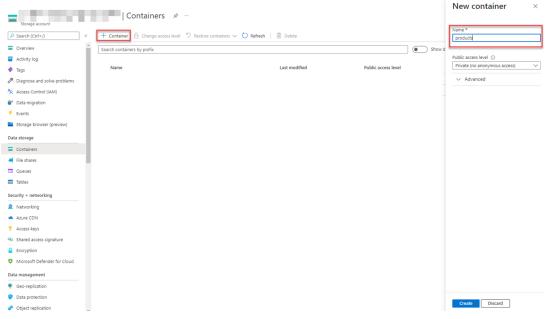
If necessary, images can be saved outside of Dynamics 365 FO. This article will explain how to use alternative storage options to add images to a Dynamics 365 FO report.

Examples will be provided on how to use the Lasernet Form Editor Image function to retrieve images from the alternative storage using information from the XML produced by the Lasernet Connector. In these articles, we will add product images to a sales quotation from File Storage and from Azure Storage.

Prerequisites and Best Practice

1. Create a repository of images that will follow reliable naming conventions. When using alternative storage, file names and path information will not be stored in Dynamics 365 FO. It is therefore important to apply the naming conventions used for the image files to retrieve the appropriate image.

2. If using Azure Storage, a container needs to be created. This can be done in the Azure Portal by navigating to the correct storage account and selecting **New Container**.



In this case, we have product images and have named the image using the item Id, followed by the color Id, followed by the size Id.

Home > Storage accounts >						Upload blob		×
Search (Ctrl+/)	× Trupload 🛆 Change access level 🖒 Refresh 🛛 🖹 Delete	$\overrightarrow{\sim}$ Change tier $ {\mathscr S}$ Acquire lease $ {\mathscr S}^{\! Q}$ Break lease $ $	iew snapshots 🛛 Create sr	apshot		Files () Select a file		
Overview	Authentication method: Access key (Switch to Azure AD User Account)					Overwrite if files alrea	dy exist	
Diagnose and solve problems	Location: products					✓ Advanced		
Access Control (IAM)	Search blobs by prefix (case-sensitive)				Show dela	• Auvanceu		
Settings	⁺ ∀ Add filter					Upload		
Shared access tokens	Name	Modified	Access tier	Archive status	Blob type			
Access policy	D0001.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	Current uploads	Dismiss: Comple	
Properties	D0003.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob			
Metadata	D0011.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0053.jpg	🔮 203 KiB / 203 KiB	
	□ 🖹 L0001.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0030White8.jpg	🔮 33 KiB / 33 KiB	
	☐ ➡ M0002.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0030White6.jpg	33 Ki8 / 33 Ki8	
	☐ ➡ M0003jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0030White4.jpg	🔮 33 Ki8 / 33 Ki8	
	M0008Black.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0030Black8.jpg	19 Ki8 / 19 Ki8	
	M0008Oak.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0030Black4jpg	19 Ki8 / 19 Ki8	
	M0008Rosewood.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0008Rosewood.jpg	21 Ki8 / 21 Ki8	
	M0030Black4.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0000Cakjpg	30 Ki8 / 30 Ki8	
	M0030Black8.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0008Black.jpg	🗳 11 Ki8 / 11 Ki8	
	☐ ➡ M0030White4.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	M0003.jpg	🥝 305 KiB / 305 KiB	
	M0030White6.jpg	7/22/2022. 3:35:35 PM	Hot (Inferred)		Block blob	M0002.jpg	🔮 19 Ki8 / 19 Ki8	
	M0030White8.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	L0001.jpg	🥝 205 KiB / 205 KiB	
	M0053.jpg	7/22/2022, 3:35:35 PM	Hot (Inferred)		Block blob	D0011.jpg	• 100 100 / 100 100	
	- El manalità	-74474044, 3-33-33 Pm			0.000	D0003.jpg	🥝 203 KiB / 203 KiB	
						D0001.jpg	181 KiB / 181 KiB	

3. Incorporate the name and path of your images into your XML. In the following examples, we will do this by using query fields and custom fields in the structure.

4. Ensure the Lasernet Server will have access to this storage.

Lasernet Connector Setup

On the Lasernet Connector side, we will add all the needed information regarding the location and name of the image to the XML.

- 1. Open the report in **Lasernet** > **Common** > **Reports**.
- 2. Add the table InventDim under **CustQuotationTrans**.

Standard view ~		all second second						
Report Wizard: Sales	Quotationke	placement						
•								
 Wizard for creation of a report 	All tables >	ect in the list of all tables and then, if required, in the list of	related tables.		Selecte	d tables		
Query source	An cubics	, ○ Filter			<2 Rel	ation/Lavout 4 Load from report	- 👁 Copy/Link query 🛧 🔱 🗈 Copy/Move 🗸 🦧	Labels
		Table name	1 Description	1	P Filt			
Tables		AbbreviationsStaging	Abridgements of addresses	i	P Filt	0r		
		Accountant_BR	Accountants	\rightarrow		lata sources		
Select fields		AccountantElectronicAddressView_BR	Accountant electronic address	+		Query		
 Sort fields 		AccountantLogisticsLocation BR	Accountant location relationships	<		SalesQuotationDetailsTmp		
		AccountantLogisticsLocationRole_BR	Accountant location roles	+=	Ē	CustQuotationTrans InventDim		
O Range		AccountantLogisticsLocationView_BR	Accountant locations			SalesQuotationHeaderTmp		
		AccountantPostalAddressView. BR	Accountant postal address			CustQuotationJour		
Group data in files		AccountantStaging	Accountants			HcmWorker		
Create report		AccountingDistribTmpOrderLineSumm_PSN	Line amounts	1		SysDocuBrandDetailsRegular		
		AccountingDistribution	Accounting distributions			LACConnection		
		AccountingDistribution	accounting distribution		A PRO	PERTIES	-	
		AccountingDistributionTemplate	Accounting distribution template		0	Property	Value	Ac
		AccountingDistributionTemplateDetail	Accounting distribution templat			Layout	Nested	
		AccountingDistributionTmp	AccountingDistributionTmp			Top records		16
		AccountingDistributionTmp	Accounting distribution imp			Create element	Yes	
		AccountingDistributionImpAmounts	accounting distributions			Relations	CustQuotationTrans.InventDimId=InventDim.inventDi	
		AccountingDistributionImpForValidation	accounting distribution			Show labels on	EachDataSourceNode	
		AccountingUistribution ImpJournalize	accounting distribution			Labels	6 Labels	179

3. Add the field ItemId for the first part of the image name.

	Finance and Operations Laser	met > Common > Reports	USMF	م	٥	٢	۲	? (N
=	Standard view \checkmark								
ŵ	Report Wizard: SalesQ	uotationReplacement							
	Standard view ~ Report Wizard: SalesQ Wizard for creation of a report Query source Tables Select fields Sen fields Group data in files Create report	Choose fields to show in your report. You will be able to add fields in Elements form, but we suggest to add as much as possible here, as performance is much better when taking fields directly fit. Available fields	om query.						
		InexCommon() Externalitemid projCreatemid/projCreatemid projCreatemid/projCreatemid projCreatemid							
		Reck New Treish Cancel							_

4. Add fields InventColorId, InventSizeId, and InventStyleId for the rest of the image name. Finish the query wizard.

	Finance and Operations Laser	Net > Common > Reports	USMF 🔎	٥	9	◎ ?	NI
=	Standard view 🗠						
ଇ	Report Wizard: SalesQu	JotationReplacement					
☆ ④	 Wizard for creation of a report Query source 	Choose fields to show in your report. You will be able to add fields in Blements form, but we suggest to add as much as possible here, as performance is much better when taking fields directly Available fields 	rom query.				
Ħ	Tables						
	Select fields	Amount CustQuotationTrans					
	Sort fields Range	CashDischmont regional regiona					l,
	Group data in files Create report	CuttouctionContemTara UnvertSystel CuttouctionTam UnvertSystel ProverSystel ProverS					

5. Open the structure for the report. We will use the structure to add custom fields for the alternative storage path, folder, and image extension that will be used for this report. These fields can be added at the Header level of the Structure if the path will be the same for all the images in this report.

Feport Elements Control Contrecont Control Contro Contrection Control Control Cont	Туре		^
FPHeaderfields Deptil Condition Setall_Collection Detail_Collection Nome Detail_Collection Nome ImageFolder YobueProducts/ Nome	Туре		^
SoleCurstonOfEstationTes	Туре		^
Detail_Collection Detail Collection Detail Collection Detail Detail Collection Detail Collection Detail Collection Detail Condition Nore ImagefCotage Mane	Туре		^
CustQuetationTans Detail_Collection	Туре		^
Detail_Collection	Туре		
• Detail (Collection ○ ○ Violate Condition Name Output Expension • InverteDm ○ ○ None Imagefoorage Imagefoorage ValueC/(magest) • Detail (Collection ○ None Imagefoorage ValueC/(magest) • Detail (Collection ○ None Imagefoorage ValueC/magest)	Туре		
InsertDim InsertDim InsertDim Detail_Collection Prove None None Imageforage ValueC/Unagest\ ValueC/Unages	Type		
Detail_Collection None ImageFolder ImageFolder ValueProducts\		Skip testing	:
	✓ String	~ 🗆	- 1
Detail ImageExtension ImageExtension Value:jpg	String		_
	String		
SalesQuotationHeaderTmp PlabelDescription FPLabelDescription LanguageTextDescription	String		
Detail_Collection PLabelQuatationDeadline FPLabelQuatationDeadline LanguageTextQuotation deadline	String		
Detail O None FPLabelSalesSubtotalAmount FPLabelSalesSubtotalAmount LabelSales subtotalAmount	String		
CustQuotationJour None FPLabelYourRef FPLabelYourRef LanguageTextYour ref.	String		
Detail_Collection None FPLabelOurRef FPLabelOurRef LanguageText.Our ref.	String		
Detail	String		-11
Increworker	String		-11
Detail Collection None PPLabelPage PPLabelPage LabelPage LabelPage LabelPage LabelPage LabelPage	String		-11
			- °
SysDocuBrandDetailsRegular One FPLabelTotal FPLabelTotal LanguageTextTotal	String		_

6. Run the port to generate an XML. The XML has all the components needed to find the appropriate image in the File System.

	Preview/Print	View						Lasernet Predefined		
	preview Use print managemen							Lasernet Fax		
Origir	al preview — Lasernet 🌱	Sales tax						Lasernet Custom port		
								Lasernet Email		
() La	ernet Performance loo: Report name	finder found report: Sal	lesQuotationReplaceme	nt, loading settings from: SalesQuotatio	inReplacement			Lasernet Print		
V	Quotation journal 0000							Lasernet Screen		
	Sales quotation		ic. I brandard view	-			_			
=	sales quotation	1000007								
	Journal header						_			
							-			
	Journal lines						_			
	Charges Inventory ~									
	Sales order	Quotation	ltem	Sales category	Site	Warehouse	CW quantity CW i			
	0	000007-3	D0011			11				
		000007-3	M0053		1	11				
		000007-3	D0001	Speakers	1	13				
		000007-3	D0003	Speakers	1	13				
		000007-3	L0001	Speakers	1	13				
		000007-3	M0002	Parts	1	11				
		000007-3	M0003	Parts	1	11				
		000007-3	M0030		1	13				
		000007-3	M0030		1	13			PROCESSING	OPTIONS
		000007-3	M0030 M0030			13			Force rerun	
		000007-3	M0030 M0030		1	13			🚺 Yes	
		000007-3	140030			10		Open L	semet setup	Report identification OK Car

ImageStorage>C: \Image ImageFolder>Products \< ImageExtension>.ipg</ In



Example 1: File System Storage

Having taken the steps outlined on this page, it will now be necessary to add the actual images. For a detailed walkthrough of how to add images from the File System, see: Using File System storage options to add images to a Dynamics 365 Finance and Operations report.

Example 2: Azure Storage

For a detailed walkthrough of how to add images from Azure Storage, see: <u>Using Azure</u> <u>Storage options to add images to a Dynamics 365 Finance and Operations report</u>.

Tags		
Adding Images		
Alternative Storage		
D365FO Images		
D365FO Report		
Dynamics FO Images		
Dynamics FO Report		
Dynamics Images		
Dynamics Report		
Form Editor		
Image Storage		

Related Content

- Using File System Storage Options to Add Images to a Dynamics 365 FO Report
- Using Azure Storage Options to Add Images to a Dynamics 365 FO Report
- How Do I Add the Product Image to a Report?