

# **Formpipe.** Lasernet

Lasernet Connector for Microsoft Dynamics AX2012 Release notes 5.0.0.0

Lasernet Connector for Microsoft Dynamics AX2012 – Release notes [Rev. 5.0.0.0 – June 2017]

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# New Installation

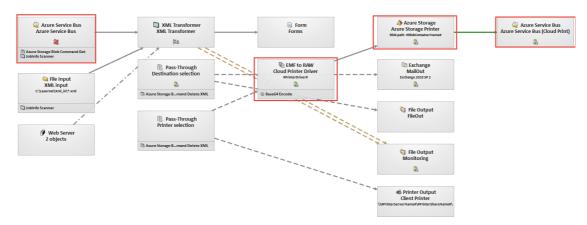
Due to the new features getting printers from the Client or AOS, we have to deploy 3 DLL files. This is done automatic but it requires that you during the installation or upgrade, restart the AOS 3 times and do a full compilation 2 times.

If this fail, then we have the option to deploy the DLL files manual. Please contact Formpipe before doing this.

57		Resources (1 - usmf)		x
File 👻 Depl	oy resources 🔻			0
Built-in resource	Resource name	Built-in resource: 🗹		
<ul> <li>✓</li> <li>✓</li> </ul>	LasernetEvent LasernetPrinter	Resource name: LasernetEvent		
¥	LasernetPrinter_Data	⊿ Overview		
		Deploy rescource to the AOS on startup.		
		Deploy rescource to the client on startup. $\checkmark$		
		Try to overwrite on AOS:		
		Overwrite on client:		
		Register resource on client:		
		Download resource		
Name of a resour	ce in the AOT.		Close	

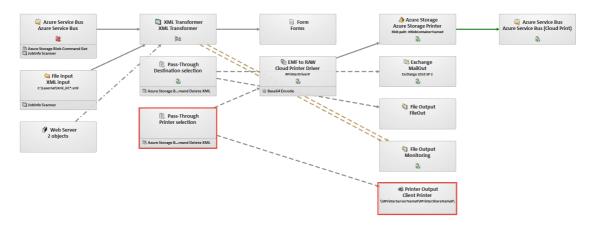
# New Lasernet setup

We have changed the default setup that comes with Lasernet so we now support the new and also upcoming functions.



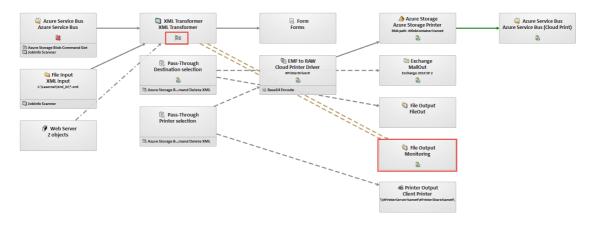
We have added these modules to support Cloud Printing via Azure.



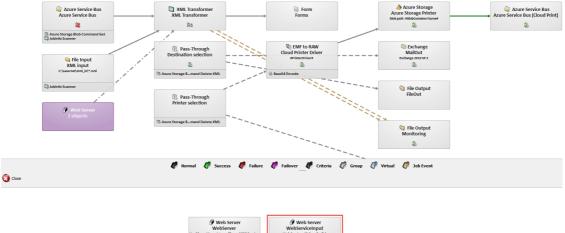


#### These module to support Client and AOS printers.

#### These module to support Monitoring.

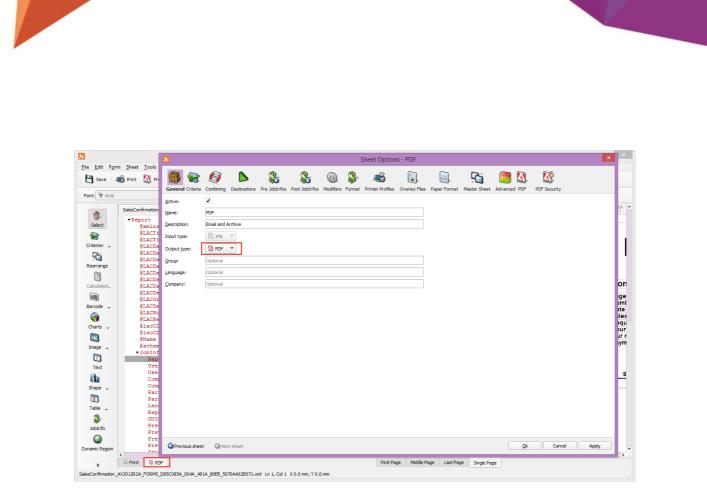


#### This module to support WebService.



Web Server	Web Server
WebServer	WebServiceInput
Jsed for getting printe_rofiles and PDF Preview	Web Service with 2 method(s)
Jobinfo Scanner	Jobinfo Scanner

Then we have changed every PDF sheet so the output is no longer have a PDF engine as destination a new Pass-Through engine (Destination selection) and then we have changed the output to PDF.



# New features

#### New license

We have changed the license structure in the new version, so it is very important that you require a new license from you Lasernet reseller before you start upgrading.

We now only count the Enterprise users and not the Functional users.

<b>9</b> 1		License in	for	mation (1)	_ <b>_</b> X
File 👻 🖳 Load licer	nse file				
License holder: Contoso E Serial number: M5312938	Entertainment Expir	ration date: 12/31	1/20	130	
System Access Licenses	Feature sets	Partner feature se	ets	Languages	
Code description Self Serve Users	License code	Status 2	3	Edition/License Model Business Value	
Task Users	******			Business Value	
Functional Users	******	2 [	-	Business Value	
Enterprise Users	******	2 [	-	Business Value	
Limited Devices				Business Value	
Devices				Business Value	
Enter license value for the	current feature	according to the I	icer	ise document.	Close

# Support

ూ Lasernet AX parameters (1 - usmf)		
File 👻 Validate settings		
General Cloud printing	Support	
Performance Monitoring Upgrade License terms Version • Support	Debugging Please validate if debugging is enabled before requesting a remote session. The Microsoft Dynamics AX debugger should open when the validation finishes. Simply note down any error messages, and close it. Please be aware that group validation is cached, and does not take elevated permissions into account. Validate debugging	
License code for Lasernet		Close





This is simply to test if you have access to everything regarding debugging, before making an appointment with an AX developer.

If your Infolog returns **true** on the 4 points and the Microsoft Dynamics AX debugger application opens, then you are ready.

## WebServices

📴 Lasernet AX parameters (1 - usmf;	)	
File 👻 Validate settings		
General Cloud printing	Performance Optimization	
Performance	Settings	
	Preview using:	Web service 💌
Monitoring	Preview web service address:	http://AX2012R3CU11DEV:8080/webinputport/WebServer_Copenhagen/web
Upgrade	Lasemet web service timeout (ms):	100000
License terms	⊿ Tracking	
Version	Performance indicators:	Disabled 💌
Support	User ID:	Admin 🗸
	Report identification     Report identification     Activate report identification mode (temporrary	):
Type of supported preview method		Close

Select the way that the Lasernet Screen function should communicate with the Lasernet Server.

**Web server** – HTTP post with no timeout control.

File - The PDF are saved into the selected Preview folder path, and is picked up by the AX client.

Web service - HTTP post with timeout control

#### **Print buttons**

Print buttons are created to make the print or distribution of the document much easier than standard AX. With print buttons, you can create a button that does a range of actions for you just like macros in word or excel.



Improve the users' way of handling the various output possibilities within Axapta, as the Print buttons supports both Standard AX and Standard AX with Lasernet Connector.

Print buttons generates buttons at user or group level. The buttons will fulfill exactly the needs a company has for optimizing workflows. It is possible to decide the content for each button and who is allowed to use the buttons predefined. The buttons can be used for Emails, print, fax or filers in PDF, Tiff, CSV or MS file-standards.

Using predefined buttons minimizes the risk for error in the process generating output. A predefined button can prevent paychecks from being printed on wrong printers or sent on wrong email addresses. Predefined buttons also prevents invoices being sent to wrong recipients.

Here is a sample of two buttons that will print to either **Lasernet Screen** or **Lasernet Printer**, by using your windows default printer. This is taking from the Sales Confirm Posting window.

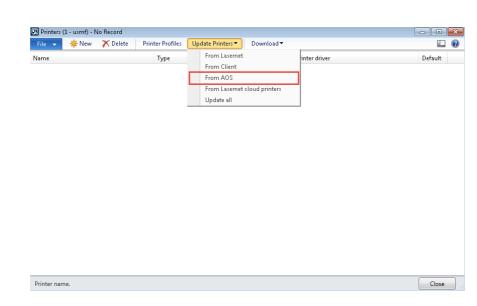
💯 Confirm sales order (1 - usmf)						
File 👻						
Parameters Other				Arrange	Printer setup 🕨	
Parameter	Print options			Totals	Default	
Quantity: All	Print:		Current			
Posting:	Print confirmati	ion:	<b>V</b>	Select (d)	👫 Screen	
Late selection: 🔲	Use print mana	gement destinat	tion: 🔲	Sales tax		
	Print COD:					
	Print shipping la	abels:				
Overview Setup Lines Line details Sales orders						
Update Customer packing slip number		Name	Currency			
✓ Confirmation	000766	Sparrow Re	USD			E
		1		0	K Cancel	Batch (3)
📕 🚽 🏢 🕨 🕨 📝 🕙 Print without update?		<b>(</b> 14:	1) USD LAC is	v usmf initial Admir	n MicrosoftDynamicsAX	Close

## Client / AOS Printers

WE introduce a new of controlling printers. You can now get printers from the Client or from the AOS. In the future we will also support Cloud printers via Azure like our 365 solution.

#### **AOS** printers

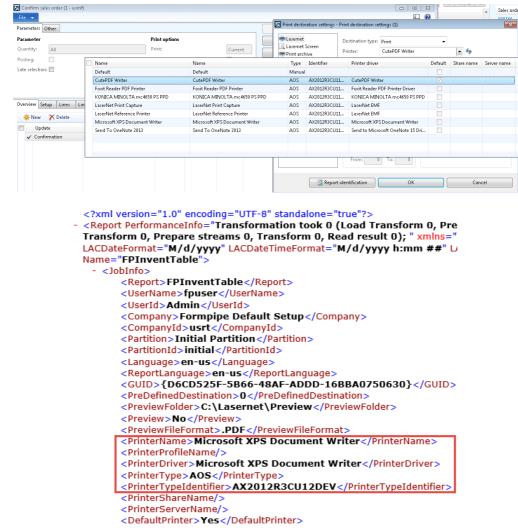
In order to let users see the AOS printers, simply select **Update Printers** and then **From AOS**.



Then Lasernet will import the information from the AOS printers. You can recognize AOS printers in the **Type** column.

File 👻 🌞 New 🗡 Delete 🛛 F	Printer Profiles	Update Printers▼ Download▼		
Name	Туре	Identifier	Printer driver	Default
CutePDF Writer	AOS	AX2012R3CU11DEV	CutePDF Writer	<b>V</b>
Foxit Reader PDF Printer	AOS	AX2012R3CU11DEV	Foxit Reader PDF Printer Driver	
KONICA MINOLTA mc4650 PS PPD	AOS	AX2012R3CU11DEV	KONICA MINOLTA mc4650 PS PPD	
LaserNet Print Capture	AOS	AX2012R3CU11DEV	LaserNet EMF	
LaserNet Reference Printer	AOS	AX2012R3CU11DEV	LaserNet EMF	(m)
Microsoft XPS Document Writer	AOS	AX2012R3CU11DEV	Microsoft XPS Document Writer	(m)
Send To OneNote 2013	AOS	AX2012R3CU11DEV	Send to Microsoft OneNote 15 Driver	
Printer name.				Close

When selecting an AOS, Client or a Lasernet Cloud printer, Printer name and Printer driver is added to the JobInfo section in the XML file. Then you need to setup you Lasernet configuration so it can use these information's to reach the printer. By default newer Lasernet setups should already have this.

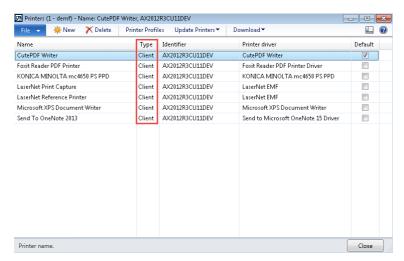


#### **Client printers**

In order to let users see the Client printers, simply select Update Printers and then From Client.

🖪 Printers (					
File 👻	🔆 New	🗙 Delete	Printer Profiles	Update Printers  Download	
Name			Туре	From Lasernet inter driver	Default
				From Client	
				From AOS	
				From Lasernet cloud printers	
				Update all	
Printer nam					Close





Then Lasernet will import the information from the Client printers. You can recognize Client printers in the **Type** column.

When selecting an AOS, Client or a Lasernet Cloud printer, Printer name and Printer driver is added to the JobInfo section in the XML file. Then you need to setup you Lasernet configuration so it can use these information's to reach the printer. By default newer Lasernet setups should already have this.

File 👻				🖶 Lasemet		Destination	type: Print 👻			
Parameters Other		Delet antique	Arrange	📃 Lasernet S 👼 Print arch		Printer:	CutePDF Writer	-	42	
Parameter	_	Name	Name		Туре	Identifier	Printer driver	Default	Share name	Serv
Quantity: All		Default	Default		Manual					
Posting:		CutePDF Writer	CutePDF Writer		Client	AX2012R3CU11	CutePDF Writer	<b>V</b>		
Late selection: 📰		Foxit Reader PDF Printer	Foxit Reader PDF Printer		Client	A)/2012R3CU11	Foxit Reader PDF Printer Driver			
		KONICA MINOLTA mc4650 PS PPD	KONICA MINOLTA mc4650 PS	PPD	Client	A)(2012R3CU11	KONICA MINOLTA mc4650 PS PPD			
		LaserNet Print Capture	LaserNet Print Capture		Client	A)(2012R3CU11	LaserNet EMF			
		LaserNet Reference Printer	LaserNet Reference Printer		Client	A)(2012R3CU11	LaserNet EMF			
Overview Setup Lines Line details Sales order	s	Microsoft XPS Document Writer	Microsoft XPS Document Write	r	Client	A)(2012R3CU11	Microsoft XPS Document Writer			
des and		Send To OneNote 2013	Send To OneNote 2013		Client	A)(2012R3CU11	Send to Microsoft OneNote 15 Dri			
₩ New X Delete										
Update Customer packing sli	ր ու									
✓ Confirmation										



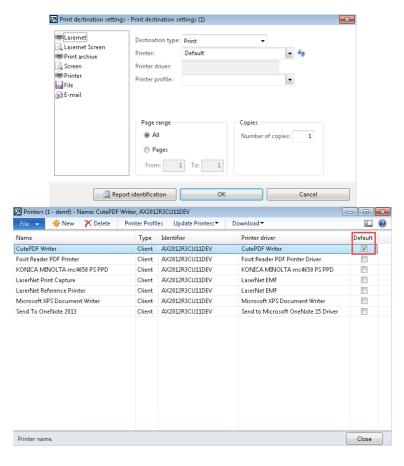
Using the Default setting will use the users windows default printer. If a user change the default printer, then you need to load printers again within **AX – Lasernet – Printers**.

Lasernet	Destination type:	Print	-	
Lasernet Screen Print archive	Printer:	Default		- 42
Screen	Printer driver:			
Printer File	Printer profile:			•
	Page range			
	Page fairige     All     Pages     From: 1	l To: 1	Copies Number of co	pies: 1

File 👻 🌞 New 🗡 Delete 🛛 Pri	nter Profi	les Update Printers 🕶	Download <b>*</b>	
Name	Туре	Identifier	Printer driver	Default
CutePDF Writer	Client	AX2012R3CU11DEV	CutePDF Writer	
Foxit Reader PDF Printer	Client	AX2012R3CU11DEV	Foxit Reader PDF Printer Driver	
KONICA MINOLTA mc4650 PS PPD	Client	AX2012R3CU11DEV	KONICA MINOLTA mc4650 PS PPD	
LaserNet Print Capture	Client	AX2012R3CU11DEV LaserNet EMF		
LaserNet Reference Printer	Client	t AX2012R3CU11DEV LaserNet EMF		
Microsoft XPS Document Writer	Client	AX2012R3CU11DEV	Microsoft XPS Document Writer	
Send To OneNote 2013	Client	AX2012R3CU11DEV	Send to Microsoft OneNote 15 Driver	
Printer name.				Close



# Default printer through Lasernet Client printer







# Report replacement important change

When you create a report replacement query report, it is very important to know that we now only add a few fields into the Query and not all fields as we did before. So after you ran the replacement report and created a new query report, you have to run the query wizard function and add and delete fields that you need and don't need. This I due to speed up the performance, so that we don't load fields that is not needed into the report.

## Option to add tables to an query report thru the Query Wizard

- 1. In the wizard click **Next**.
- 2. Make sure **BUILD QUERY WITH WIZARD** is selected and click on the **Next** button.

	here query will be generated		
💿 Build o	query with wizard		
	Seclect tables, table relations and f	ields/methods in this wizard, to build cust	om query
🔘 AOT q	uery name		
	Choose existing AOT query to use	as report data source	
(	Query name:	<b>v</b>	
🔘 Query	from class		
	Build query in report custom code	class. If report does not have custom code	e class - it will be created

3. Add additional tables. *Please note that you also can add tables that you normally will use as a subreport e.g. MarkupTrans. This will create the best performance, so try to add all possible tables and do not use subreports.* 

📭 Report Wizard (1)	
Tables Select the tables to base the report on.	
Primarily, select in the list of all tables and then, if required, in the list of related tables.  All tables  MarkupDivTermConnection_RL  MarkupGroup MarkupTable MarkupTable IN MarkupTable IN MarkupTable IN MarkupTmpAllocation MarkupTolerance MarkupTans MarkupTans	
Tables that are related to the Selected tables	
BlackListTransTable_IT Currency CustConfirmJour CustConfirmTrans CustInvoice4PaymJour_I CustInvoice4PaymTrans CustInvoice4PaymTrans CustInvoice4Invoic	
Coad from Section Alayout	n report
< Back Next > Finish	Cancel

Use the **Relation / Layout** to create build the relation between to two tables.

💀 Report Wizard (1)	
Tables Select the tables to base the report on. Primarily, select in the list of all tables and then, if required, in the	: list of related tables.
MarkupMatchingTrans MarkupTable MarkupTableIN MarkupTmpAllocation MarkupTolerance MarkupTransIN	es onfirmDetailsTmp stConfirmTrans MarkupTrans onfirmHeaderTmp
Tables that are related to the Selected tables	on/Layout
< B2	ack Next > Finish Cancel

Relation (1 -	uspi)			
Relation				
Data source:	MarkupTrans			
Parent:	CustConfirmTr	ans		
Structure				
Layout:	Nested	-		
Parameters				
Join:	OuterJoin 🚽	Fetch: 1:1	•	
Fields 🔆 New	🗙 Delete			
	•			
Related tabl	P	Relate 🔺	MarkunTrans	
Related tabl		Relate A RecId	MarkupTrans TransRecId	
	mTrans			
CustConfire	mTrans	RecId	TransRecId	
CustConfire	mTrans	RecId	TransRecId	
CustConfire	mTrans	RecId	TransRecId	

- 4. Click Next.
- 5. Add fields from the new tables.

Available fields	> <<	Selected fields Selected fields SalesConfirmDetailsTmp CustConfirmHeaderTmp CustConfirmTrans MarkupTrans RecId Txt Value MarkupCode	
Markup typeterniyickoe     MCRBrokerContractFee     MCRCouponMarkup     McRinstallmentEligible     MCRInstallmentEligible     MCRMarkupTransCreate     MCRMarkupTransCreate     MCRMiscChargeOverrid     MCROriginalMiscCharge     MCRReasonCode     MCRReasonCode			
← ── ── ── ── ── ── ── ── ── ── ── ── ──		Load from report	

#### XSL viewer - FP\_SalesConfirmation\_2744\_20170518\_130946

-<Report Name="FP\_SalesConfirmation"lacCDATA=";"lacCDATA2=";"LACReportCultureId="en-US"LACNumberFormat="###,##0.;-###,## yyyy"LACDate4="d MMMM yyyy"LACTimeFormat="h:mm tt"LACTimeSeparator=":"> +<JobInfo> -<SalesConfirmDetailsTmp> <LABEL\_SalesConfirmDetailsTmp\_LineHeader>Line heading</ LABEL\_SalesConfirmDetailsTmp\_LineHeader> <LABEL\_SalesConfirmDetailsTmp\_ItemId>Item number</ LABEL\_SalesConfirmDetailsTmp\_ItemId> claBeL\_SalesConfirmDetailsTmp\_Name>TextLABEL\_SalesConfirmDetailsTmp\_Name>
<LABEL\_SalesConfirmDetailsTmp\_DlvDate>Ship date/LABEL\_SalesConfirmDetailsTmp\_DlvDate> <LABEL\_SalesConfirmDetailsTmp\_Qty>Quantity</LABEL\_SalesConfirmDetailsTmp\_Qty> <LABEL\_SalesConfirmDetailsTmp\_SalesUnitTxt>Unit</LABEL\_SalesConfirmDetailsTmp\_SalesUnitTxt> <LABEL\_SalesConfirmDetailsTmp\_SalesPrice>Sales price</LABEL\_SalesConfirmDetailsTmp\_SalesPrice> <LABEL\_SalesConfirmDetailsTmp\_DiscAmount>Discount</ LABEL\_SalesConfirmDetailsTmp\_DiscAmount> <LABEL\_SalesConfirmDetailsTmp\_LineAmount>Amount</ LABEL\_SalesConfirmDetailsTmp\_LineAmount> <LABEL\_SalesConfirmDetailsTmp\_PrintCode>Print code</ LABEL\_SalesConfirmDetailsTmp\_PrintCode> <LABEL\_SalesConfirmDetailsTmp\_InventDimProduct>Inventory dimension text</ LABEL\_SalesConfirmDetailsTmp\_InventDimProduct>
<LABEL\_SalesConfirmDetailsTmp\_InventDimPrint>Free Txt</ LABEL\_SalesConfirmDetailsTmp\_InventDimPrint> <LABEL\_SalesConfirmDetailsTmp\_ExternalItemId>External item number</ LABEL\_SalesConfirmDetailsTmp\_ExternalItemId> CLABEL\_SalesConfirmDetailsTmp\_PdsCWQty>CW quantity
LABEL\_SalesConfirmDetailsTmp\_PdsCWQty>CW quantity
LABEL\_SalesConfirmDetailsTmp\_PdsCWUnitId>CW unit
LABEL\_SalesConfirmDetailsTmp\_Notes>
LABEL\_SalesConfirmDetailsTmp\_TaxCode>Sales tax code
LABEL\_SalesConfirmDetailsTmp\_Amount>
MutpEl\_SalesConfirmDetailsTmp\_Amount>
MutpEl\_SalesConfirmDetailsTmp\_Amount>
MutpEl\_SalesConfirmDetailsTmp\_Amount> <LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>Quantity</LABEL\_SalesConfirmDetailsTmp\_TaxBaseAmount>
<LABEL\_SalesConfirmDetailsTmp\_TaxBaseAmount>Amount origin</LABEL\_SalesConfirmDetailsTmp\_TaxBaseAmount>
<LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>Quantity</LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>
<LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>Quantity</LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>
<LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>Quantity</LABEL\_SalesConfirmDetailsTmp\_TaxBaseQty>
<LABEL\_SalesConfirmDetailsTmp\_TaxAmount>Sales tax amount
<LABEL\_SalesConfirmDetailsTmp\_TaxAmountMST>Sales tax amount
<LABEL\_SalesConfirmDetailsTmp\_TaxAmountMST>Sales tax amount
<LABEL\_SalesConfirmDetailsTmp\_TaxExemptDescription>Description
LABEL\_SalesConfirmDetailsTmp\_TaxExemptDescription> <LABEL\_SalesConfirmDetailsTmp\_RecId/> <Detail\_Collection> -<Detail> <LACQueryRecord\_DONOT\_CHANGE\_SalesConfirmDetailsTmp>1</ LACQueryRecord\_DONOT\_CHANGE\_SalesConfirmDetailsTmp> <FIELD\_SalesConfirmDetailsTmp\_LineHeader/2 <FIELD\_SalesConfirmDetailsTmp\_ItemId>D0001</ FIELD\_SalesConfirmDetailsTmp\_ItemId>
<FIELD\_SalesConfirmDetailsTmp\_Name>MidRangeSpeaker </ FIELD\_SalesConfirmDetailsTmp\_Name>
<FIELD\_SalesConfirmDetailsTmp\_DlvDate>5/18/2017</ FIELD\_SalesConfirmDetailsTmp\_DlvDate>
<FIELD\_SalesConfirmDetailsTmp\_Qty>2.00</FIELD\_SalesConfirmDetailsTmp\_Qty>
<FIELD\_SalesConfirmDetailsTmp\_SalesUnitTxt>pcs</FIELD\_SalesConfirmDetailsTmp\_SalesUnitTxt> CIELD\_SalesConfirmDetailsTmp\_SalesPrice>329.00
FIELD\_SalesConfirmDetailsTmp\_SalesPrice>329.00
FIELD\_SalesConfirmDetailsTmp\_DiscAmount>0.00
FIELD\_SalesConfirmDetailsTmp\_DiscAmount>
CIELD\_SalesConfirmDetailsTmp\_LineAmount>
658.00
FIELD\_SalesConfirmDetailsTmp\_LineAmount> <FIELD\_SalesConfirmDetailsTmp\_PrintCode>Print code</ FIELD\_SalesConfirmDetailsTmp\_PrintCode> <FIELD\_SalesConfirmDetailsTmp\_InventDimProduct/> <FIELD\_SalesConfirmDetailsTmp\_InventDimPrint/> <FIELD\_SalesConfirmDetailsTmp\_ExternalItemId/> <FIELD\_SalesConfirmDetailsTmp\_PdsCWQty>0</ FIELD\_SalesConfirmDetailsTmp\_PdsCWQty> <FIELD\_SalesConfirmDetailsTmp\_PdsCWUnitId/> <FIELD\_SalesConfirmDetailsTmp\_Notes/> <FIELD\_SalesConfirmDetailsTmp\_TaxCode/> CIELD\_SalesConfirmDetailsTmp\_Amount>0.00
FIELD\_SalesConfirmDetailsTmp\_Amount>0.00
FIELD\_SalesConfirmDetailsTmp\_CashDiscAmount>0.00
FIELD\_SalesConfirmDetailsTmp\_TaxBaseAmount>0.00
FIELD\_SalesConfirmDetailsTmp\_TaxBaseAmount>0.00 <FIELD\_SalesConfirmDetailsTmp\_TaxBaseQty>0.00</ FIELD\_SalesConfirmDetailsTmp\_TaxBaseQty> <FIELD\_SalesConfirmDetailsTmp\_TaxAmount>0.00</ FIELD\_SalesConfirmDetailsTmp\_TaxAmount> <FIELD\_SalesConfirmDetailsTmp\_TaxAmountMST>0.00</ FIELD\_SalesConfirmDetailsTmp\_TaxAmountMST> <FIELD\_SalesConfirmDetailsTmp\_TaxExemptDescription/> <FIELD\_SalesConfirmDetailsTmp\_RecId>68719488861</ FIELD\_SalesConfirmDetailsTmp\_RecId> <CustConfirmTrans> <LABEL CustConfirmTrans RecId/> -<Detail\_Collection> < Detail <LACQueryRecord\_DONOT\_CHANGE\_CustConfirmTrans>2</ LACQueryRecord\_DONOT\_CHANGE\_CustConfirmTrans> <FIELD\_CustConfirmTrans\_RecId>68719491065</FIELD\_CustConfirmTrans\_RecId> MarkupTrans> CLABEL\_MarkupTrans\_RecId/>
<LABEL\_MarkupTrans\_Value>Charges value</LABEL\_MarkupTrans\_Value>
<LABEL\_MarkupTrans\_Txt>Description</LABEL\_MarkupTrans\_Txt>
<LABEL\_MarkupTrans\_MarkupCode>Charges code</LABEL\_MarkupTrans\_MarkupCode> -<Detail\_Collection> -<Detail> <LACQueryRecord\_DONOT\_CHANGE\_MarkupTrans>3</ LACQueryRecord\_DONOT\_CHANGE\_MarkupTrans> <EUCQUEYRECOT\_DONOT\_CHARGE\_MarkupTrans/3</p>
<FIELD\_MarkupTrans\_RecId>68719479805
<FIELD\_MarkupTrans\_RecId>68719479805
<FIELD\_MarkupTrans\_Value>10.00
<FIELD\_MarkupTrans\_Value>
<FIELD\_MarkupTrans\_Txt>Freight
FIELD\_MarkupTrans\_Txt>
<FIELD\_MarkupTrans\_MarkupCode>FREIGHT
FIELD\_MarkupTrans\_MarkupCode>

Deta </ Detail\_Collection>

</ MarkupTrans>





# Option to skip deleted fields within the Query Wizard

By rerunning the Query Wizard it's possible to remove used fields which has been deleted in the database.

Deleted fields can be identified by running validate for the report.

# Grouping / split

The last step in the Query wizard provides an option to group/split a report

Available fields  Available fi	<	Group data in files	
ItemDescriptionOrvane     ItemDimCostPrice     ItemGroup()     ItemGroupId()     ItemIdAndDescription()     ItemIdAndDescription()			

## Title on report print dialog

It is possible to change the **Title** of the dialog for a given Lasernet Query report.

🕽 💮 🔻 🔳 🕨 USM	1F 🕨 Laserr	et 🕨	Common	<ul> <li>Reports</li> </ul>							+3	Search
File 👻 Report												
Kew Port Maintain	Elements	Att	lesheet 🕶	Related sources Reprint in forms Custom code Setup	Validate	<ul> <li>Query wizard No Fix</li> <li>Dialog setup</li> <li>Run report</li> <li>Tools</li> </ul>	report	Document Destinations handling Distribution	Export Import Data export/im	Journal Archive		
Favorites My favorites		F	Reports -					Ø	Baro	ode La	bel 30x30 (1)	
Lasernet Area page Common Reports Destinations Archive Monitoring Print buttons Setup			SSRS report SSRS report Query SSRS report SSRS report SSRS report SSRS report SSRS report	Report name CustAccountStatem CustAccountStatem CustInterestNote FP_ItemBarcodes FP_ItemBarcodes FP_ItemBarcodes FreeTextInvoice Gior InventTransferShip ProjInvoice PSAProjInvoice PSAProjInvoice StatesConfirm		Report design name Report Report Custom query: Inve Report GiroFIK Report Report Report Report Report	Active V V V V V V V V	Parameters Group name With Price: With Barcode: Print Date: Item Id:	ect value > V	lt R ♥ ₽	tems em number: ecord-ID: urrent print destination rinter: rint medium: Lasernet	
Casernet		1	Paramete Paramete									OK Cancel
Accounts payable			Title:		Label 30x30	)		Identify item.				

Use the **Title** dropdown box to create a **Lasernet Language text** (This can also be exported and imported into other companies / environments).

			Language t	text (1)		x
Find wh	iat:	Barcode La	bel 30x30		×	
In the Is	inguage:	EN-US	V			
		EIN-05	1×			
⊳ Lal						^
⊿ Lai	nguage	text				
	🔆 New	🗙 Delete	2			
	Text ID		Language	Text		
	Barcode	eReport	EN-US	Barcode Label 30x30		
<		П	I		>	
	🔆 New	X Delete	2			
	Text ID	• •	Language	Text		
	Barcode	eReport	da	Stregkode Label 30x30	:	=
				,		
<		I	I		>	
				Paste text Cancel		
				Paste text Cancel		-
						_



Then you can change the title based on the AX client language. This is also working if you are adding the Lasernet menu via Reprint in forms.

<u>/u</u>	Mic	rosoft Dynamic	s AX - Conto	oso Entertain	iment [AX2	012R2A: Se	ession ID
Goov USMF ► Product i	information management	t ► Common ►	Released produ	ucts			
File - Product Purchase	Sell Manage invento	ry Engineer	Plan Ma	anage projects	Manage	costs Ret	ail Ge
	•	Released product variants Product m	dimensions	Translations Languages	Dimension groups*	Reservation hierarchy	Product attributes Set o
<ul> <li>✓ Favorites</li> <li>▷ My favorites</li> </ul>	General Batch	Ba	rcode Label	30x30 (1)		_ □	×
Product information management Area page     Common     Products     Released products     Product configuration models     Product sby category     Released products by category     Product builder     Reports     Periodic     Periodic	Parameters         Group name         With Price:         With Barcode:         Print Date:         Item Id:       100         Color:       < \$	0 elect value > V	Printer:		creen	Select Destinations	
Setup Lasernet	Identify item.				OK	Car	ncel

## Report language

Used for telling Lasernet what language it should use if you are using the split function on a Lasernet Query report.

## Fix report – Exception table

In the wizard for Fix report it's possible to make exceptions by set the expression for the *Value* and the expression for *Hidden*.

This is to avoid errors when fixing a report and normally not needed.

SalesInvoice.ReportPL

#### Report fix wizard (SalesInvoice.ReportPL) (1 - usmf)

\_ \_ X

#### Fix deployment errors

Fixing errors, that might occure after page header/footer fields are copied to report body.

#### Exceptions

먔

Some of the field expressions in SSRS report might become invalid, when copied from header/footer to report body. If you get any error on fields like LAC\_CPY\_xxxx when deploying report, please restart wizard and add such fields into table below. By default, this table should be empty.

Field	Name	Custom expression		
LAC_CPY_RunningTotalFooterTextbox	Value			
LAC_CPY_RunningTotalHeaderTextbox	Hidden	=false		
LAC_CPY_RunningTotalHeaderTextbox	Value			
LAC_CPY_TotalGrossAmountHeaderTxtBox	Hidden	=false		

## Skip data sources

Enable this will prevent Lasernet to show and use query based relation

📴 Related sources (1 - usmf) - Report name: CustAcco	untStatementExt.Report, Yes			- • ×
File 👻 🌞 New 🗙 Delete 🛛 🖷 Copy 🔻	Advanced settings▼			
Data sources     CustAccountStatementExtTmp     GustAccountStatementExtTmp     GustPathendContacts     ACCustVendContacts     SysUserInfo     OurPartyLocation     DirPartyLacation     DirPartyTable     LogisticsPostalAddress	Advanced settings Skip query data sources OK Cancel	t of SSRS report design. You can use all fields it elements, or you can add related tables if led. eck/preview related sources. If existing test i must get preview of a related source.	CustAccountStatem Field AccountNum	Clear all
Filter out not usefull query data sources				Close





# FX option is added to Archive Table

It's now possible to use fx for the Table for archive. This is to give the option to reuse the same report, but with different table for archive. Same applies to the *Resend menu item* 

	SSRS report	PurchPurchaseOrder	Report		✓			
	SSRS report	SalesConfirm	Report		✓			
Þ	Parameters						Doci	umentTit
4	Mapping							
	Customer/Vendor account:	count Else PurchConfirmationReques	tJour.OrderAccount $f_{\kappa}$	Party ID:			f <sub>*</sub>	
	Customer/Vendor group:	If VendPurchOrderJour.Recld Then Ve	ndPurchOrderJour.v fx	Order ID:	If VendPurchOrderJour.RecId	Then VendPurchOrderJour.F	f <sub>x</sub>	
				Document ID:	If VendPurchOrderJour.RecId	Then VendPurchOrderJour.F	f <sub>x</sub>	
	Archive							
	Archive:	Default 🗸		PDF				
	Destinations to archive:	All 🗸		PDF arcl	hive folder: \\AX2012R2A\Lase	rNet\Archive\		📄 Ĵx
	Table for archive:	If VendPurchOrderJour.Recld Then Ve	ndPurchOrderJour 🗸 🌶	XML				
	Save in:	File folder 🗸 🗸		Save XN				
	Subfolder mask:	arym		XML arc	hive folder: \\AX2012R2A\Lase	rNet\Xml_Archive		📄 fx
	Allow forced rerun:	On forms and archive 👻						
	Resend menu item:	If LACArchiveRef.RefTableName=Ven	dPurchOrderJour T 🗸 🏂	e.				





Now you can get more information regarding the report e.g. PrintType (Original, Proforma etc.), Report Controller and MenuItemName. This is to cover e.g. the FreeTextInvoice report if it's used with Report replacement.

<b>P</b>	Eleme	ents (1 - us	smf) - Repo	rt name: SalesConfirn	n.Report, Report, Report nam	e: SalesConfirm.Report	_ <b>_</b> X
File 👻 📴 Add section 📑 Remove sec	tion ⊌	Move •	Copy▼	🕈 Up 🛛 🗣 Down	🍫 Reload report fields 🚽 📯 Fix rep	port 🔛 Naming patterns 🔍 Search	
Report → PageHeader → PF-HeaderFields → Italie6 → Detail Collection → Detail		tion Condition: Fields		Name: FP_HeaderFields	Output: FP_Hea		
able9		Visible	Condition	Name	Output	Expression	Туре
Detail_Collection			None	FPMenultemName	FPMenultemName	Calculated.Args().menultemName()	String
Detail table5	N N		None	FPReportController	FPReportController	Calculated.DataContract().parmRdpName()	String
able1			None	FPPrintType	FPPrintType	Calculated.ArgsParmEnumSymbol()	VarString
📄 table12			None	FP_InvoiceAddress	FP_InvoiceAddress	CustTable.invoiceAddress().Address	String
PageFooter			None	FP_InvoiceName	FP_InvoiceName	CustTable.name()	String
	Þ	Details					
Element name in RDL (report definition) file							Close

</ PageHeader>

-<LN\_HeaderFields>

<FP\_InvoiceAddress>Auherhahnweg 7 65432 Kassel DEU</ FP\_InvoiceAddress> <FP\_ReportController>SalesConfirmDP</ FP\_ReportController>

- <FP\_PrintType>OriginalPrint</ FP\_PrintType>
- <FP\_MenuItemName>SalesConfirmation</ FP\_MenuItemName>
- <FP\_InvoiceName>World Wide Importers</ FP\_InvoiceName>
- </ LN\_HeaderFields>

ArgsParmEnumSymbol Args DataContract

From the calculated it's possible to use *ArgsParmEnumSumbol*, *Args*, *DataContract*.

## Visibility option on elements

In the elements the field *Visible* gives the option to hide and 'show' the element.

- 🗧 Add section 🛛 🖶 Remove	section 🔤 😼	Move - I	a Copy▼	🕆 Up 🗣 Down 🏼 🍫 I	Reload report fields 🛛 📯 Fix report	📓 Naming patterns 🛛 🔍 Sea	rch	
Report PageHeader table6 Detail Collection	Sect	ion Condition:	None 🔻	Name: PageHeader	Output: PageHeader			
B Detail	4	⊿ Fields						
table9	-	ENew 🛛 🍞	🔨 Delete	🕈 Up 🛛 🏶 Down 👌 Sor	t by 🔻 🍕 Move 🔻 🖣 Copy 🕶			
Detail_Collection		Visible	Condition	Name	Output	Expression	Туре	
table5			None	FP_SalesId	FP_SalesId	CustConfirmJour.SalesId	String	
table11			None	LAC_TestMethod	LAC_TestMethod	CustConfirmJour.LACTestMet	String	
table12			None	LAC_ContextBasedMethod	LAC_ContextBasedMethod	CustConfirmJour.LAC Context	String	
PageFooter	1	<b>V</b>	None	textbox97	FIELD_SalesConfirmHeaderTmp	SalesConfirmHeaderTmp.Deli	String	
		~	None	textbox96	FIELD_SalesConfirmHeaderTmp	SalesConfirmHeaderTmp.Deli	String	
		<b>V</b>	None	textbox144	FIELD_SalesConfirmHeaderTmp	SalesConfirmHeaderTmp.Co	String	
		$\checkmark$	None	textbox175	FIELD_SalesConfirmHeaderTmp	SalesConfirmHeaderTmp.Co	String	
		$\checkmark$	None	textbox178	FIELD_SalesConfirmHeaderTmp_E	SalesConfirmHeaderTmp.Ente	String	
		<b>V</b>	None	Textbox4	LABEL_Ship_to	Label:Ship to:	String	
		<b>V</b>	None	textbox142	PARAMETER_DocumentTitle		String	
		<b>V</b>	None	textbox138	FIELD_SalesConfirmHeaderTmp	SalesConfirmHeaderTmp.Con	String	
		1	None	textbox101	FIELD SalesConfirmHeaderTmp	SalesConfirmHeaderTmp.Con	Date	
		Details						

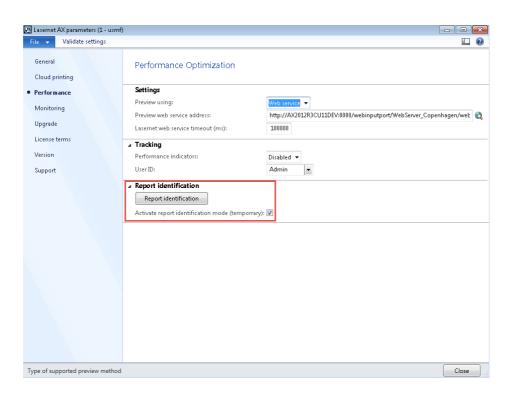
# Report identification

Lasernet Report identification can help adding a customized report to Lasernet.

When you have added the report to Lasernet but still don't see the Lasernet print option.

	nent [AX2012R3CU11DEV: Session ID - 19] - [1 - usmf - initial]			
			-	
ile Sales order Sell Manage			Print destination settings - Print destination se	ettings (1)
redit Charges Sales Confirmed delivery dates	Multiline discount Total discount Tiered charges confirmation Proforma confirmation culate	Service agreement Apply Journals P	Print archive Save in print arch	ive? 🛄
Favorites			🔂 E-mail	
My favorites	Confirm sales order (1 - usmf)			
	File 👻			
Accounts receivable E Area page	Parameters Other			
Common	Parameter	Print options	Des mos	Copies
Customers	Quantity: All	Print: Current	Page range All	
Customer invoices	Posting:	Print confirmation:		Number of copies: 1
<ul> <li>Free text invoices</li> <li>Payments</li> </ul>	Late selection:	Use print management destination: 📃	Pages	
Collections		Print COD:	From:	0 To: 0
Sales orders		Print shipping labels:		
Home	Overview Setup Lines Line details Sales orders		Report identification	OK Cancel
	* New X Delete			
Call	Update Customer packing slip numb	er Sales order Name Currency		
Accounts receivable	✓ Confirmation	000766 Sparrow Re USD		
General ledger				
🚭 Budgeting				
Cost accounting				
Fixed assets				
🚦 Cash and bank management				
Travel and expense				
💗 👔 😫 🔮 😁 🖾 🖷 🕄 🛎			ОК	Cancel Batch (3)
8]	🖌 🚽 💷 🕨 📔 🖉 Print sales documents	<u>(144)</u>	USD LAC isv usmf initial Admin Microsoft	DynamicsAX Close Admin MicrosoftDynamicsA

Make sure you enable Report identification within Lasernet - Parameters - Performance



In the **Printer setup** dialog please select **Report identification**.

Microsoft Dynamics AX - Contoso Entertainn	nent [AQ011783CU110Fvi Session ID - 19] - [1 - umrf - initial]
G S I SMF ► Accounts rece	ivable + Common + Sales orders + All sales orders
File - Sales order Sell Manage	e Pick and pack Invoice Retail General Warehouse management Transportation managemer 🔀 Print destination settings - Print destination settings (1) 💌
Credit Charges Sales Confirmed delivery dates	Multiline discount Total discount Confirmation Proforms Cutate Confirmation Proforms Cutate Confirmation Proforms Cutate Confirmation Proforms Cutate Confirmation Proforms Cutate Confirmation Proforms Cutate Confirmation Proforms Cutate Confirmation Proforms Cutate Cu
4 Favorites	Germail Germail
My favorites	Confirm sales order (1- usmf)
<ul> <li>Accounts receivable</li> <li>Area page</li> </ul>	Parameters Other
# Common	Parameter Print options Outstick Outsti
Customers	Current Current
<ul> <li>Customer invoices</li> <li>Free text invoices</li> </ul>	
<ul> <li>Payments</li> </ul>	
Collections	Print COD: From: 0 To: 0
Sales orders	Print shipping labels:
All rolar order	Overview         Setup         Lines         Line details         Sales orders
Accounts payable	* New X Delete
Accounts receivable	Update Customer packing slip number Sales order Name Currency
•Gal	✓ Confirmation 000766 Sparrow Re USD
General ledger	
🥰 Budgeting	
Cost accounting	
Fixed assets	
Cash and bank management	
Travel and expense	
📦 💩 🍇 💁 🖻 🖼 🚚 🕄 🤻	OK Cancel Batch (3)
ß	🖌 < 💷 🕨 H 💋 🕑   Print sales documents   🌲 (144)   USD   LAC   isv   usmf   initial   Admin   MicrosoftDynamicsAX 💽 Close . Admin   MicrosoftDynamicsAX

Click New in the top menu and in the Report name range, select the report name.

Lasernet will try to find the Caller or Call stack, but you might need to find it manually.

ile 👻 🌞 New 🗡 Delete 🛛 Clea	r filters			
port name range	⊿ General			
esConfirm.*	Report name range:	SalesConfirm.*	-	
	Automatic:			
	Call stack Condition			
	Select from current call st	ack		
	Type:	Class		
	Object name:		-	
	Method name:		-	
	Control name:			
	▲ Caller Condition			
	Caller:	SalesFormLetter_Confirm	-	
	Report number:	0		

Save the form and then cancel the printer dialog and other forms related to print and then try to reprint the report again. You should now be able to select the **Lasernet options**.

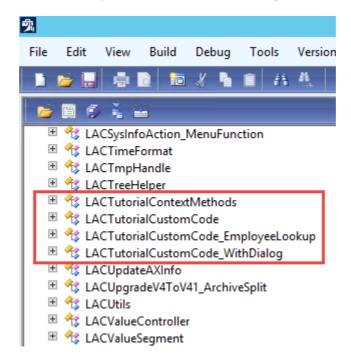
Please note that you can export the **Report identification** and import it into another environment by using the Lasernet backup function.

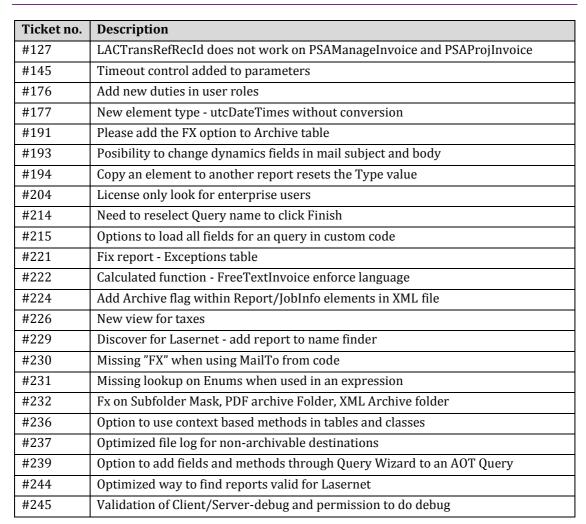
## LAC-Context based methods / LACTutorials

A new coding framework are introduced to make it easier and better for developers to do Lasernet reports.

Functions related to output management (like overlays, attachments etc.) are "easy" implemented through this new framework.

Within the application the functions/features are illustrated through Lasernet tutorials.





# General / Enhancements

# Bug fixes

Ticket no.	Description
#137	Monitoring show 0 % if not "All reports" are selected
#138	Copies values from print dialog is not saved in the XML files when running report replacement
#139	Monitoring show 0 % in progress if destination is Lasernet Sreen
#140	Upgrade Archive job within parameter cannot be rerunned
#143	Parameter does not work from main report parsed to subreport
#144	Not equal than value does not work in condition via expressions

#148	Report language not possible to overwrite on WHSWorkLoad report
#149	It is not possible to reload elements on WHSContainerContents report
#151	Changes to the an existing AOT or Class query cannot be updated in elements
#152	Sorting and grouping are not working on queries
#155	Empty string and not 0 when return 0 in the aggregate
#156	Not possible to use Lasernet Advanced user when AD-groups are used for AX- security
#157	Standard AX-Dialog was hidden when resending the Cust Collection letter to Lasernet
#158	Datasource names are changed when importing reports created through the Query-Wizard
#159	Expression could cause the error 'value {X-X-X-X}' is not found in the map.
#160	Fix for build queries from class
#161	Values in Subreport ranges are cleared when upgrading to 4.3
#162	Predefined Destination - Email addresses in Cc and Bcc overwrites Email To
#163	Not possible to reuse existing fields in reports (like WHSWork)
#164	Related sources are unavailable after upgrading to 4.3
#165	When copying related sources between reports the ranges are in some cases cleared
#166	Not possible to change an already linked range in a subreport
#168	Cannot copy an element between two query reports on detail level
#169	Expressions in the range of 'Reprint in forms' are gone after upgrading
#173	Lasernet Query Report reload elements and import removes ranges
#178	Query report - force language does not work with labels added via elements
#181	When reusing data from TMP Tables TableId was used instead of Tablename
#182	Not possible to reuse existing fields from subtables in a query based report
#184	Cannot enable PSAQuotation report to Lasernet when using confirmation
#186	Load from report doesn't work in Query Wizard
#187	No archive still creates a batch job in the Lasernet Tasks
#188	Issue with dialog fields when using custom code
#189	Predefined destination does not work on a replacement report that only uses queries
#190	Custlist.report not possible to use added releated sources
#192	CustEntryCertificate_DE report cannot enable Lasernet Print Options
#196	Cannot add dialog field on a listpage with 2 datasources with the same name (InventOnHandItemListPage)
#198	(Purchase Inquiry) Cannot show archive button when datasource is missing on the form
#199	CustEntryCertificate_DE report cannot add extra field via elements
#200	Wrong data format when working with subreport
#201	Expression are wrongly interserted into ranges when copying a subreport
#203	Sometimes you need to reselect the archive table on a report
#205	Relation to a view does only take first record after first read
#206	Wrong ranges when importing subreports into 4.3
1	

#209	Deaktivating XML archive still saves the XML files in the archive folder
#212	An 'And expression' could cause an issue when having 2 different datatypes
#216	One to many fetch mode in the queries was returning to many records
#217	Missing method in view LACdirPartyPostalAddressRole
#219	Not correct language when using custom code with a base query
#223	Different datatypes could cause an error when used with the aggregation function
#227	Cannot reuse existing datasource containing an enum
#228	Space is added to an amount element added by Lasernet - Swedish culture
#234	Not possible to add extra datasources to a replacement report by using the Query Wizard
#235	In the table PurchPurchOrderTmp the field SourceDocumentLine are added as extra relation field
#238	When doing export records was not exported in RecId-order
#241	After importing subreports from previously version it was need to reset and re- add the query-ranges
#242	In customcode the method 'currentRecord' returns 0 and not the "current" record
#243	Problem with executing SSRS report in Russia entity
#246	Overwrite overlay append overlay instead of overwriting overlay rules
#247	Not possible to fetch data when a Primary Key relation are used (foreign key)
#251	Condition on a section shifting data