



# D'Rainbow ALV

## User Guide

**Paint.Enhance.Annotate.**

D-PRO Innovation Ltd.

March 2016



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## Table of Contents

Overview .....	3
Create a Report .....	4
View a Report.....	7
Personalize a Report .....	8
Refresh.....	8
Set Key .....	9
Paint.....	10
Columns .....	11
Comment.....	13
Send.....	14
With Outlook .....	15
Filter .....	16
Create a Rule.....	17
Send a Report.....	20



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## Overview

**D'PROS D'Rainbow ALV** is an efficient solution that can manage and distribute every ALV data report as a dynamic & shared working environment.

**D'Rainbow ALV** manages the complexity of applying changes across the SAP system.

**D'Rainbow ALV** main goal is to enable the user to be able to personalize an ALV data report, share it with others and still have the report up-to-date.

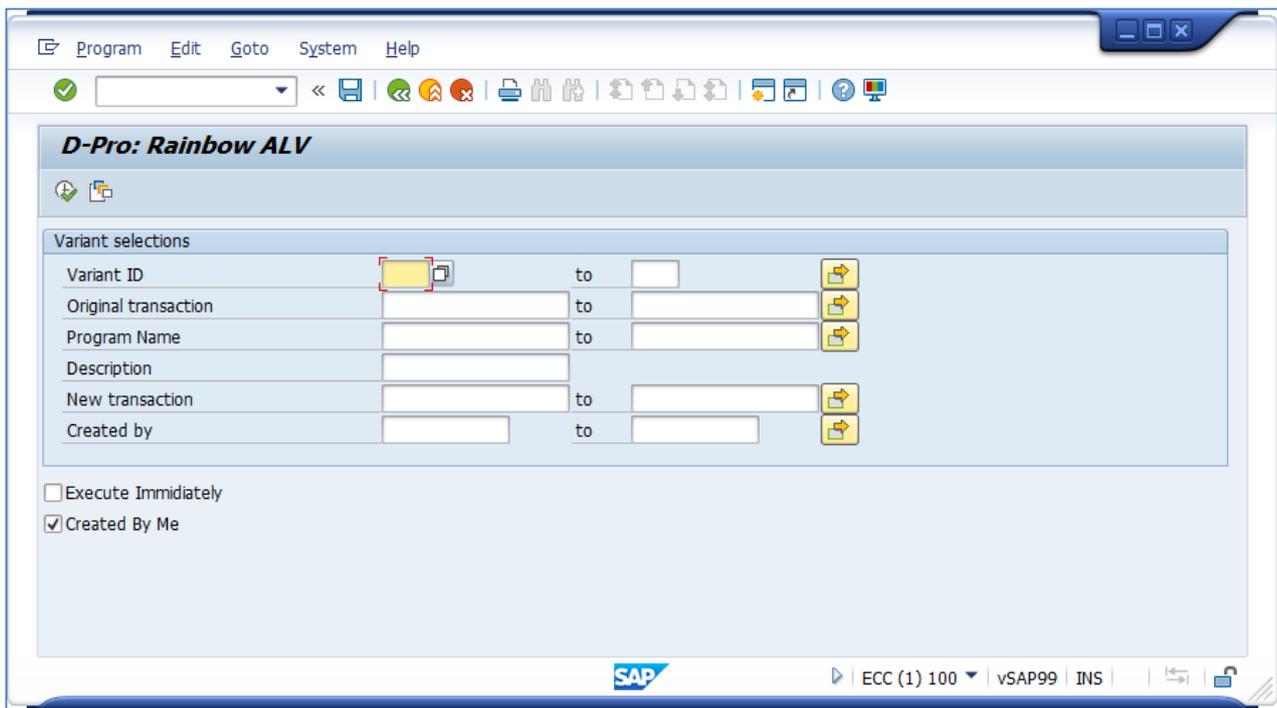
**D'Rainbow ALV** offers a new user experience, by enabling an efficient, intuitive and easy to use interface to customize the ALV reports across the organization.



## Create a Report

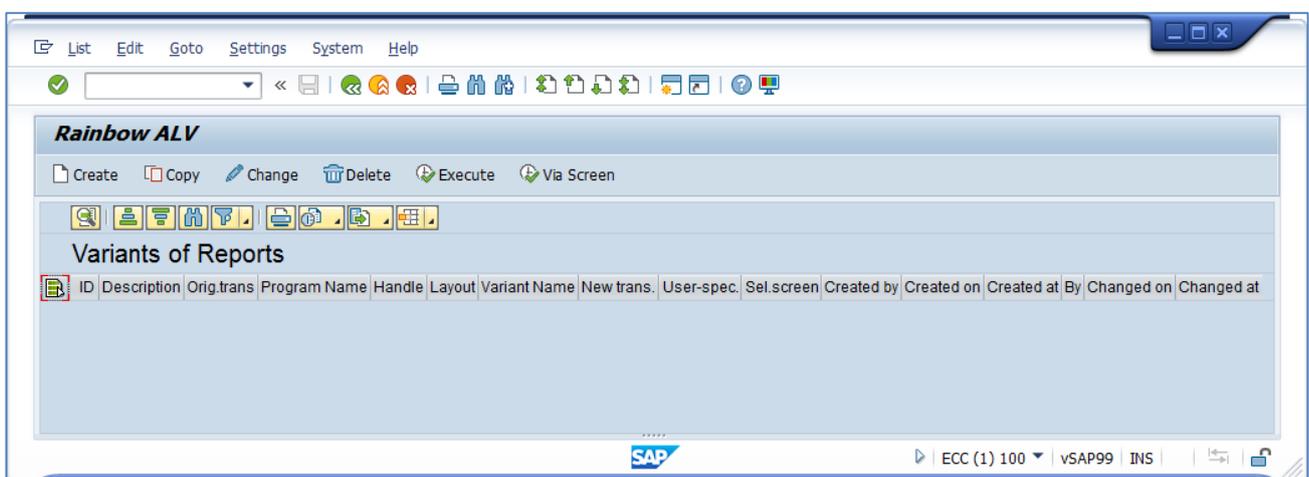
1. Go to T-code **/DPS/RAINBOWALV**.

The current window will open:



2. Click on  or F8.

The current window will open:

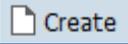




The main menu bar includes all available actions.



- ✓ **Create** - This action creates a new report.
- ✓ **Copy** - This action will make a copy of a chosen report.
- ✓ **Change** - This action will open the report properties.
- ✓ **Delete** - This action will delete the report.
- ✓ **Execute** - This action will open the chosen report ALV data.
- ✓ **Via Screen** - This action will open a selection screen ALV of the chosen report.

3. Click on .

The current window will open:

**Create a new variant**

Variant properties

Description

Original transaction

Program Name

Variant Name

Layout origin

Report layout

Rainbow layout

New transaction

User-specific

Via selection screen

OK Cancel



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4. Fill in the following fields:

Description	Type	Field
Name of the report	Obligatory	Description
The T-code of the ALV original report	Obligatory	Original Transaction
The program of the ALV original report	Obligatory	Program Name
The relevant existing variant	Optional	Variant Name
The relevant existing layout	Optional	Layout
A new T-code can be created for the report	Optional	New Transaction

#### IMPORTANT NOTES:

- Check  **User-specific** if the report is personal and won't be shared with others.
- Check  **Via selection screen** for a selection screen to appear before the report.

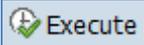
5. Click on  **OK** to save the report.

#### IMPORTANT NOTE:

- Deleting a variant will delete all manipulation that was done; like paint, columns, comment etc.



## View a Report

1. Go to steps 1-2 in 'Create a Report'.
2. Mark the relevant report and click on .

The current window will open:

**Purchasing Documents for Material**

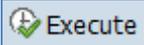
Comment[Entire ro...	Purch.Doc.	Item	Comment[Item]	Type	C	Vendor/supplying plant	POrg	PGr	Doc. Date	Material	Comment[Material]	Short Text
Test row	4500000133	10		DB	F	D6000 Computer Supplier to block	DP...	D01	16.01.2013	DP10-200		מנדב Intel Core 2
	4500000134	30		NB	F	D1000 XComps	DP...	D01	24.01.2013			בדקה
	4500000135	10		NB	F	D1000 XComps	DP...	D01	03.02.2013			Service
	4500000135	20		NB	F	D1000 XComps	DP...	D01	03.02.2013		test1111111a ; h	Service- Project
	4500000135	30		NB	F	D1000 XComps	DP...	D01	03.02.2013			Service- Network
	4500000136	10		NB	F	S1000 ZA01 Cleaning Services Ltd.	DP...	001	27.02.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000137	10		NB	F	D1000 XComps	DP...	D01	16.09.2013	DP50-100	Critical part	DDR2 Memory Stick - 1 GB
	4500000138	10		NB	F	D1000 XComps	DP...	D01	23.10.2013	DP50-100		DDR2 Memory Stick - 1 GB
	4500000139	10		NB	F	D1000 XComps	DP...	D01	23.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000140	10		NB	F	D1000 XComps	DP...	D01	23.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000141	10		NB	F	D1000 XComps	DP...	D01	24.10.2013	DP50-100		DDR2 Memory Stick - 1 GB
	4500000142	10		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000142	20		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000143	10		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000143	20		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000144	10		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI

Rule ID	Description	Act.Stat	Priority	Field name	Name of the column	Flid. group	User-spec.	Formula	True Color	False Color	Short text	Created	Created on	By	Changed on
1	Late Doc. date	✓	2	/DPS/COMM_BEDAT	Comment[Document Date]	✓		%	500					EITANW	08.03.2015
2	test2	✓	3	AZPOS	No. of Positions	✓	✓	%	700					ARIELS	09.03.2015
3	Early Doc. date	✓	1	BEDAT	Document Date			%	600					EITANW	08.03.2015
5	Footer	✓	1		<Entire Row>			%	510			EITANW	29.03.2015		



## Personalize a Report

1. Go to steps 1-2 in 'Create a Report'.
2. Mark the relevant report and click on  Execute.

The current window will open:

Comment[Entire ro...	Purch.Doc.	Item	Comment[Item]	Type	C	Vendor/supplying plant	POrg	PGr	Doc. Date	Material	Comment[Material]	Short Text
Test row	4500000133	10		DB	F	D6000 Computer Supplier to block	DP...	D01	16.01.2013	DP10-200		מנדט Intel Core 2
	4500000134	30		NB	F	D1000 XComps	DP...	D01	24.01.2013			בדיקה
	4500000135	10		NB	F	D1000 XComps	DP...	D01	03.02.2013			Service
	4500000135	20		NB	F	D1000 XComps	DP...	D01	03.02.2013		test1111111a ; h	Service- Project
	4500000135	30		NB	F	D1000 XComps	DP...	D01	03.02.2013			Service- Network
	4500000136	10		NB	F	S1000 ZA01 Cleaning Services Ltd.	DP...	001	27.02.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000137	10		NB	F	D1000 XComps	DP...	D01	16.09.2013	DP50-100	Critical part	DDR2 Memory Stick - 1 GB
	4500000138	10		NB	F	D1000 XComps	DP...	D01	23.10.2013	DP50-100		DDR2 Memory Stick - 1 GB
	4500000139	10		NB	F	D1000 XComps	DP...	D01	23.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000140	10		NB	F	D1000 XComps	DP...	D01	23.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000141	10		NB	F	D1000 XComps	DP...	D01	24.10.2013	DP50-100		DDR2 Memory Stick - 1 GB
	4500000142	10		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000142	20		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000143	10		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000143	20		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI
	4500000144	10		NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	24.10.2013	DP60-100		Prepered Kit (CPU + MB + MEI

Rule ID	Description	Act.Stat	Priority	Field name	Name of the column	Flid. group	User-spec.	Formula	True Color	False Color	Short text	Created	Created on	By	Changed on
1	Late Doc. date	✓	2	/DPS/COMM_BEDAT	Comment[Document Date]	✓		%	500					EITANW	08.03.2015
2	test2	✓	3	AZPOS	No. of Positions	✓	✓	%	700					ARIELS	09.03.2015
3	Early Doc. date	✓	1	BEDAT	Document Date			%	600					EITANW	08.03.2015
5	Footer	✓	1		<Entire Row>			%	510			EITANW	29.03.2015		

The main menu bar includes all available actions.



## Refresh

This action refresh the report.



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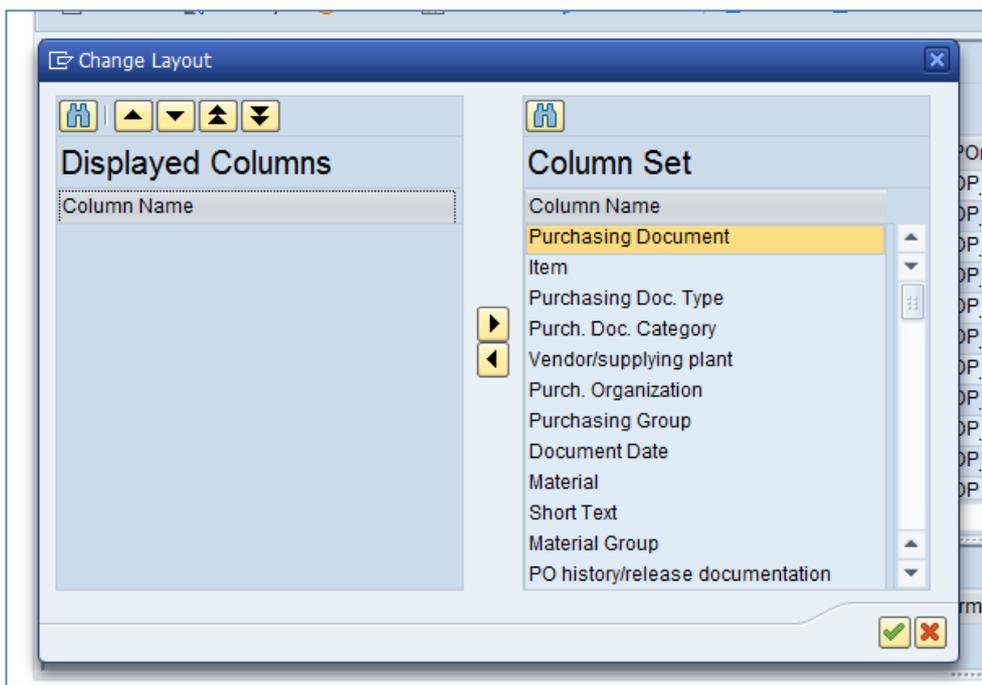
ON D'GO

## Set Key

This action set the key of the table, the must be unique.

1. Click on  Set key .

The current window will open:



2. Choose the fields that will be set as the key of the report.
3. Click on .

### IMPORTANT NOTE:

- A key must be unique.
- Changing the key will delete comments and paint that was done.



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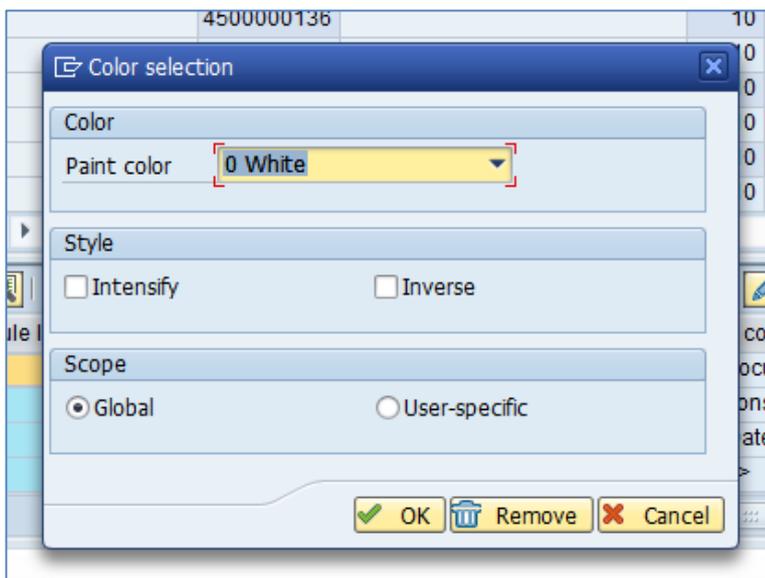
ON D'GO

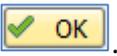
## Paint

This action can paint specific fields and lines.

1. Click on .

The current window will open:



2. Choose the color, style and scope.
3. Click on .

### IMPORTANT NOTE:

- This action is prioritize over paint that was done by a rule.
- To use  for a single field you must set a key first.
-  Can be defined as User-specific or Global.

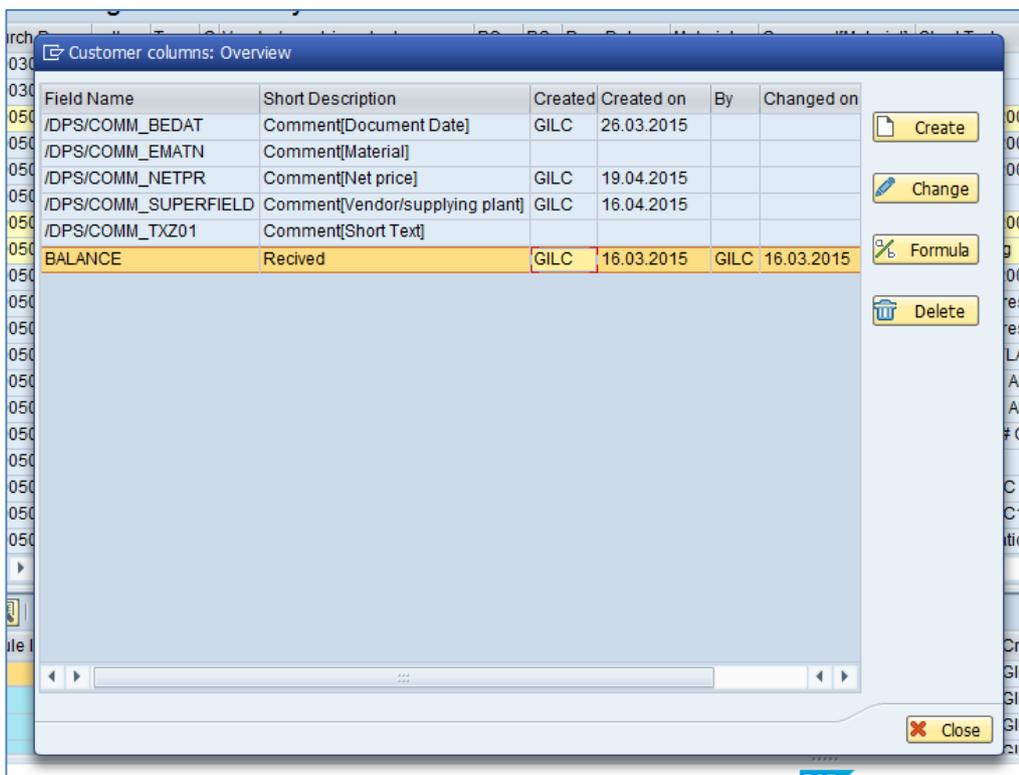


## Columns

This action will add a column to the report. Comment column cannot be deleted.

1. Click on  Columns.

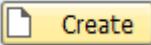
The current window will open:



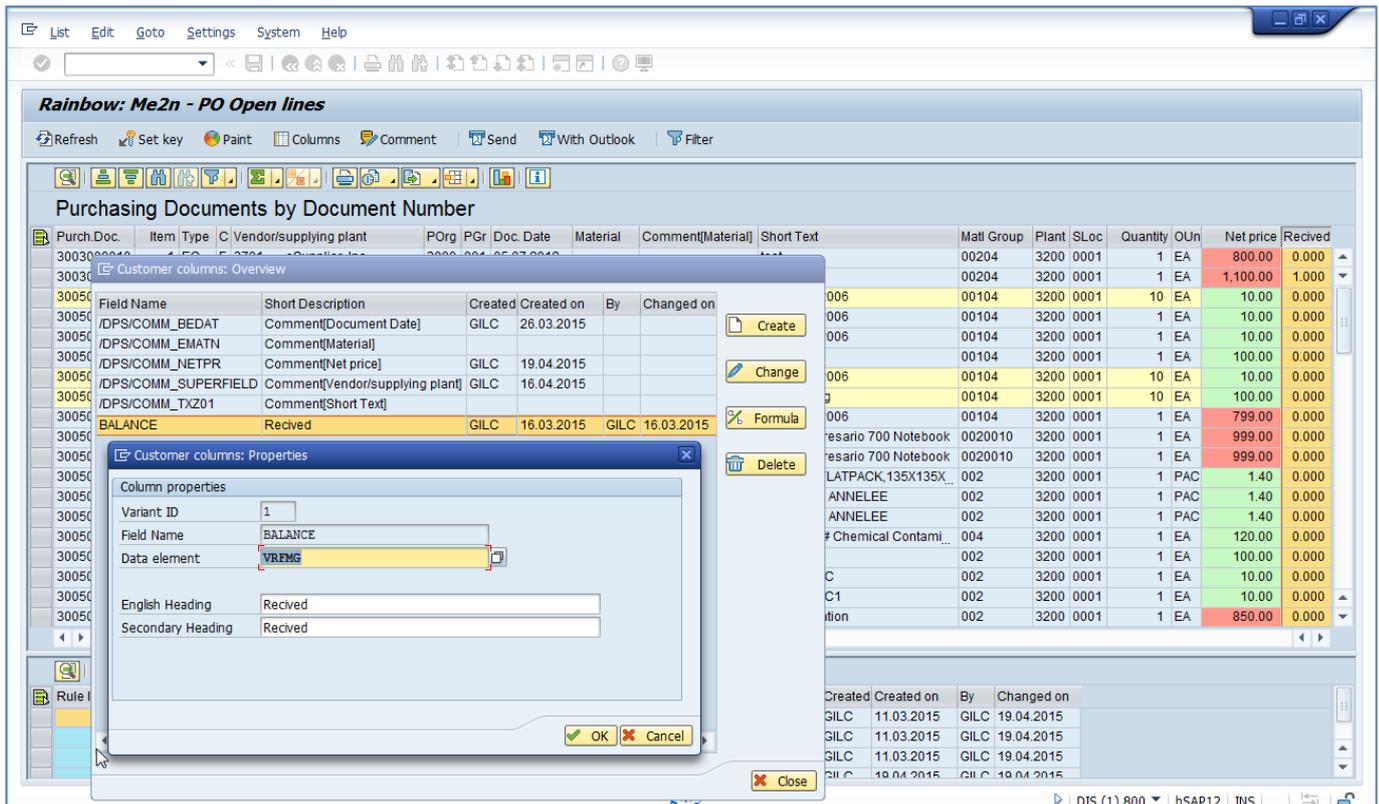
### IMPORTANT NOTE:

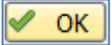
- A column that contains a comment will have a field name that begins with /DPS/ and cannot be deleted.



2. Click on .

The current window will open:



3. Enter the field name.
4. Choose the relevant data element
5. Enter the heading of the column.
6. Click on .

**IMPORTANT NOTE:**

- You can adjust the column by adding a formula.

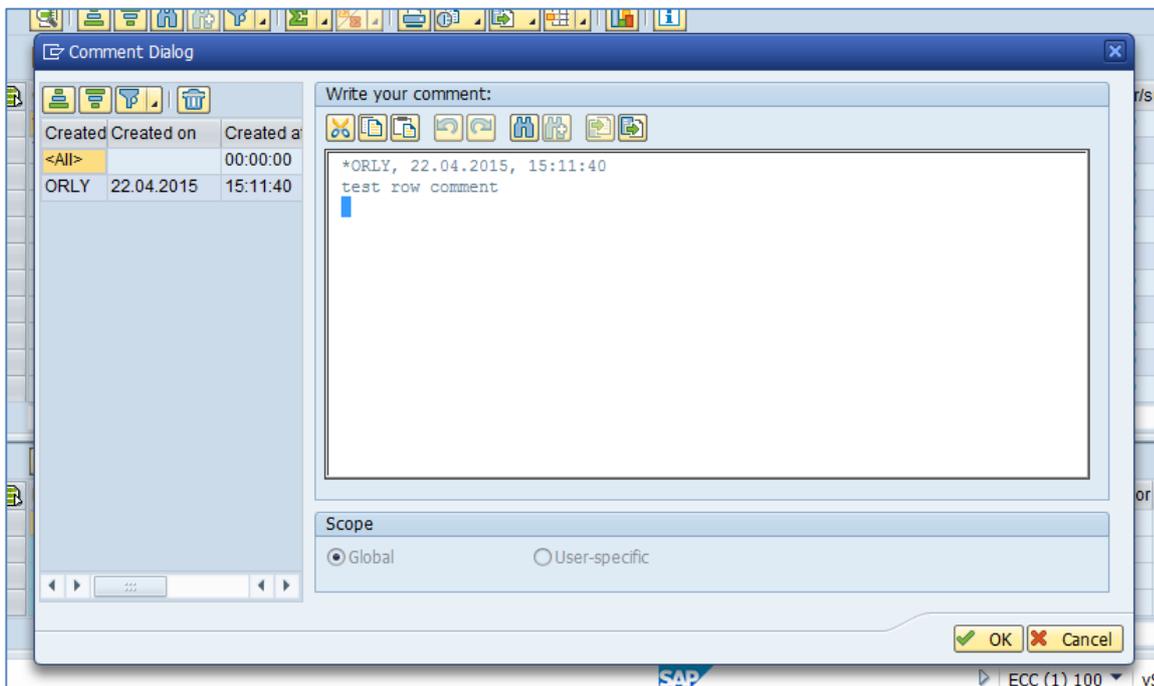


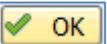
## Comment

This action enables the user to write a comment on any field in the report.

1. Click on  Comment.

The current window will open:



2. Enter your comment.
3. Click on .

### IMPORTANT NOTE:

- Comments cannot be deleted.
- To use  Comment for a single field you must set a key first.
-  Comment can be defined as User-specific or Global.

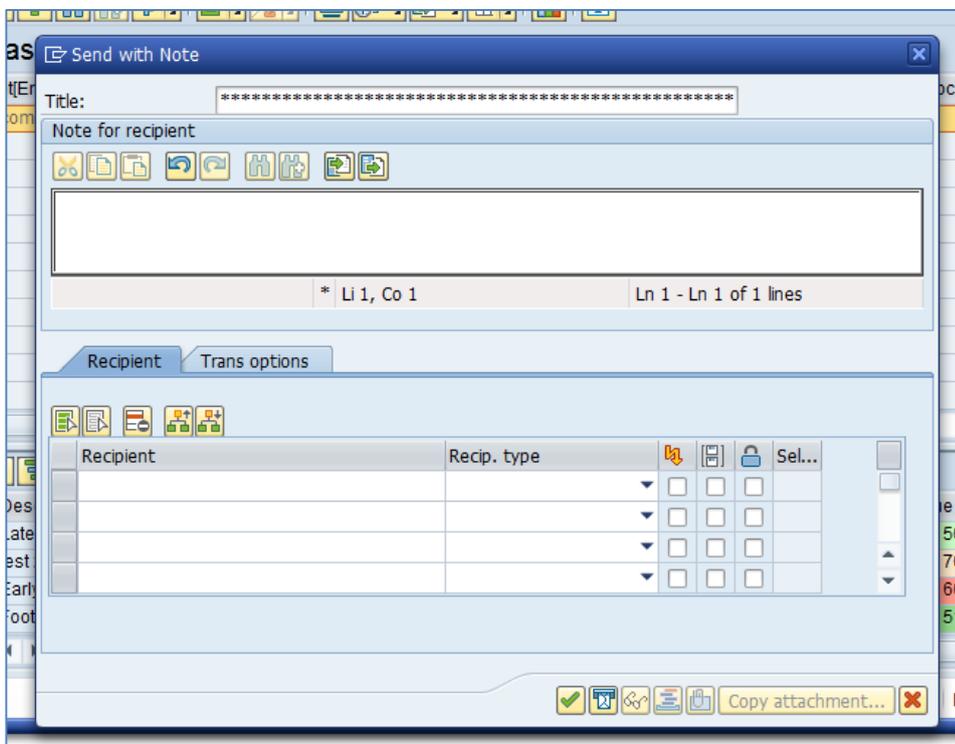


## Send

This action will send the ALV data with SAP Note.

1. Click on  Send.

The current window will open:



2. Enter a note and recipients.
3. Click on .



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D'NOTIFIER



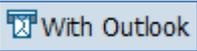
D'CHANGER



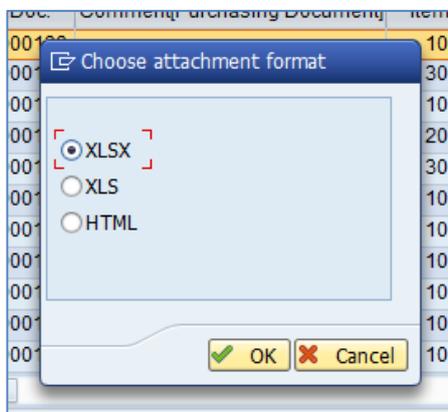
ON D'GO

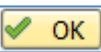
## With Outlook

This action will send the ALV data with Outlook.

1. Click on .

The current window will open:



2. Choose a type of format for the report.
3. Click on .

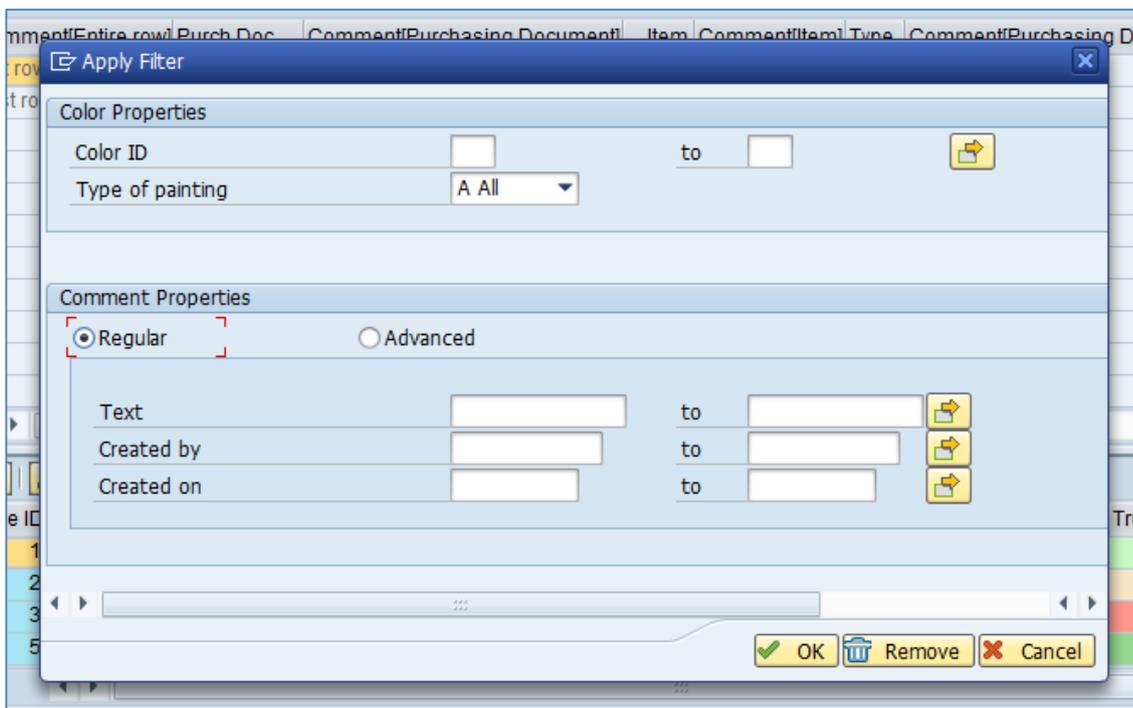


## Filter

This action can filter the data by at least one of these options: color, type of painting, text, created by and/or created on.

1. Click on .

The current window will open:



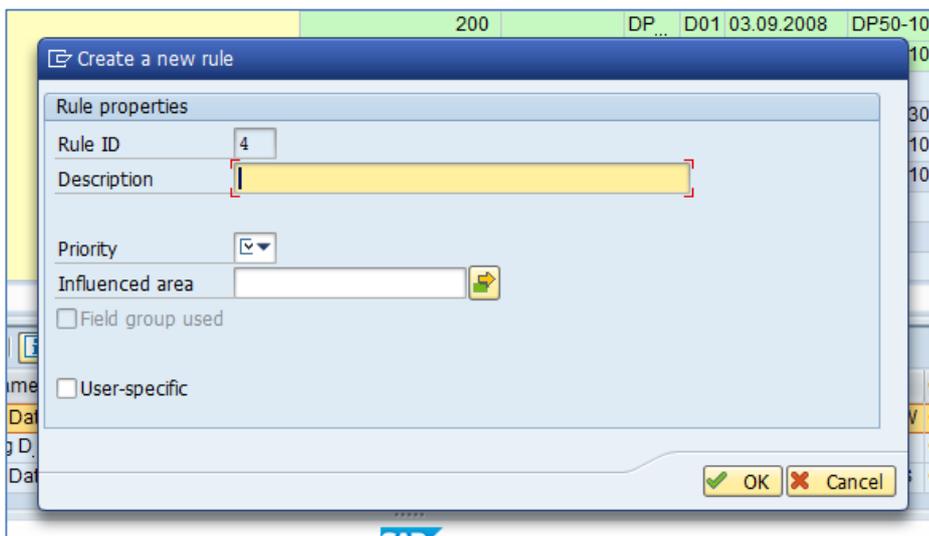
2. Enter the fields to create the parameters.
3. Click on .



## Create a Rule

1. Click on  to create a new rule.

The current window will open:



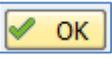
2. Fill in the following fields:

Field	Type	Description
Description	Obligatory	Name of rule
Priority	Obligatory	The strength of a rule over other rules. 1 is the highest priority.
Influenced Area	Optional/ Obligatory	The specific fields that will be influenced. If no field will be chosen the entire row will be affected



**IMPORTANT NOTE:**

The rule can be defined as User-Specific.

3. Click on .

A new line will be added at the bottom of the window:

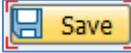
Purch.Doc.	Item	Type	C	Vendor/supplying plant	POrg	PGr	Doc. Date	Material	Short Text
4500000002	10	NB	F	D1000 XComps	DP...	D01	15.08.2008	DP10-100	AMD x64 CPU
4500000003	10	NB	F	D1000 XComps	DP...	D01	15.08.2008	DP10-100	AMD x64 CPU
4500000004	20	NB	F	D1000 XComps	DP...	D01	17.08.2008	DP10-100	AMD x64 CPU
4500000005	10	NB	F	D1000 XComps	DP...	D01	18.08.2008	DP20-300	NVIDIA GFORCE
4500000006	10	NB	F	D1000 XComps	DP...	D01	18.08.2008	DP10-200	Intel Core 2 CPU
4500000007	10	NB	F	D1000 XComps	DP...	D01	18.08.2008	DP10-200	Intel Core 2 CPU
4500000007	20	NB	F	D1000 XComps	DP...	D01	18.08.2008	DP10-200	Intel Core 2 CPU
4500000007	30	NB	F	D1000 XComps	DP...	D01	18.08.2008	DP70-100	Intel Motherboard
4500000008	10	NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	21.08.2008	DP60-100	Prepered Kit (CPU + MB + MEM)
4500000008	20	NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	21.08.2008	DP60-100	Prepered Kit (CPU + MB + MEM)
4500000008	30	NB	F	D2000 Computers Integration Solutions Ltd	DP...	D01	21.08.2008	DP20-300	NVIDIA GFORCE

Rule ID	Description	Act.St.	Priority	Field name	Name of the column	Fld. group	User-specific	Formula	True Color	False Color	Short text	Created by	On	Changed by	Chngd on
1	new rule	✓	5	EMATN	Material		<input type="checkbox"/>	<input type="checkbox"/>	%			ORLY	22.04.20...		



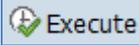


5. Create a rule and click on .

**IMPORTANT NOTE:**

- It is possible to inactivate a rule without deleting it by clicking on  Inactive in the edit window.

**Send a Report**

1. Go to steps 1-2 in 'Create a Report'.
2. Mark the relevant report and click on .

The current window will open:

**Rainbow ALV**

Refresh Set key Paint New column Comment Send With Outlook

**Purchasing Documents for Material**

Purch.Doc.	Item	Type	C	Vendor/supplying plant	POrg	PGr	Doc. Date	Material	Short Text
4500000133	10	DB	F	D6000 Computer Supplier to block	DP...	D01	16.01.2013	DP10-200	מעבד Intel Core 2
4500000134	30	NB	F	D1000 XComps	DP...	D01	24.01.2013		בדיקה
4500000135	10	NB	F	D1000 XComps	DP...	D01	03.02.2013		Service
4500000135	20	NB	F	D1000 XComps	DP...	D01	03.02.2013		Service- Project
4500000135	30	NB	F	D1000 XComps	DP...	D01	03.02.2013		Service- Network
4500000136	10	NB	F	S1000 ZA01 Cleaning Services Ltd.	DP...	001	27.02.2013	DP60-100	Prepered Kit (CPU + MB + MEM)
4500000137	10	NB	F	D1000 XComps	DP...	D01	16.09.2013	DP50-100	DDR2 Memory Stick - 1 GB
4500000138	10	NB	F	D1000 XComps	DP...	D01	23.10.2013	DP50-100	DDR2 Memory Stick - 1 GB
4500000139	10	NB	F	D1000 XComps	DP...	D01	23.10.2013	DP60-100	Prepered Kit (CPU + MB + MEM)
4500000140	10	NB	F	D1000 XComps	DP...	D01	23.10.2013	DP60-100	Prepered Kit (CPU + MB + MEM)

Rule ID Descript. Priority Field name Column name User-spe. Formula True Color False Color

2	new	1	BEDAT	Document Date		%	700	500
---	-----	---	-------	---------------	--	---	-----	-----

Action performed successfully



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3. Mark the rows you would like to send or click on  for the entire data.
  4. To send via SAP click on  Send, the report will be shown as an attachment.
- To send via Outlook click on , the report can be sent as an XLSX/XLS/HTML attachment.

#### **IMPORTANT NOTES:**

For a quick shared working environment you can provide your co-workers with the new transaction name of the report.



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