

Presentation Framework eRep

- **ePrice** (SD Price maintenance)
- **eNace** (SD Output message maintenance)
- **eMMIR** (MM Maintenance of inforecord and prices)
- **eMMPO** (MM Maintenance of purchase orders)
- **eMIRO** (Logistical invoice receipt)
- **eSM30** (Audit-proofed table maintenance)

Current situation

Situation

Each company creates programs or reports, which usually do not have a uniform design. Additional down- and upload functionalities are added. The creation of the output usually has a high programming effort. There is no uniform concept.

Means

Long training period for new employees (developers and users).
Adaptations/further developments are time-consuming and error-prone.
Synergy effects are not used.

Why eRep?

- The Excel/Application - Framework is used to simplify the development of ALV-Grid applications and/or an Excel Up- and Download functionality.
 - Uniform user interface in the applications.
 - Configurable down- and upload Excel - files (analog to ALV).
 - Definition of groups (tilting theme) Definition of mandatory fields, conversion rules.
 - Definition of editability in the ALV-GridExtensible by using the interface - technique.
- Reduction of effort for the implementation of complex applications.
- Reduction of errors

What is eRep?

eRep is a framework:

Supports configurability of report/programs.

Supported is the ALV-Grid output.

Supported is the Excel download.

Supported Excel upload with validation.

Supported are scenarios (user views).

Automatic assignment of data to ALV-Grid output.

Automatic assignment of data to Excel download.

Automatic assignment of data in Excel upload to ALV output..

eRep Excel Down-Upload

Processing of an Excel upload based on the download.

- Reading the control table (fields, reference fields, reference table, attributes).
- Reading of the Excel header and validation (version, language, scenario).
- Reading of the Excel column names.
- Matching of the fields from the control table with Excel column names.
- Checking if all mandatory fields are defined in the Excel sheet.
- Reading and converting the Excel data and displaying it in the ALV grid.
- If necessary, processing of the read data

Application ePrice

The ePrice application is based on the eRep technology.

Prices can be maintained directly online.

Prices can be provided via Excel download.

Prices can be loaded and imported via Excel upload.

Display, change, create and delete are supported.


Preis Report															
Preis Report															
KondTab	Status	App	CnTy	SOrg.	Dv	Customer	Material	Grösse	Valid From	Valid to	ZDPM\$KBETR	ZDPM\$KONWA	ZDPM\$KPEIN	ZDPM\$KMEIN	D
A791	■	V	ZDPM	76DB			DB76000001101		01.09.2022	31.12.9999	6,56	EUR	1	PCE	
A708	■	V	ZDPM	76DB	DP		DB76000001101		01.01.2021	31.12.9999	5,40	EUR	1	PCE	
A791	■	V	ZDPM	76DB			DB76000001109		01.09.2022	31.12.9999	5,59	EUR	1	PCE	


Application ePrice



Example Excel-Datei

[illegible]

eRep - Configurator - ePrice




 **Pflege Preis Steuertabelle**

 Anlegen













Szenario




Szenario	Description	Authority	Aktiv	Up- Downlo
ABELE	ABELE		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BLG	BLG gesamt		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HIGHHEAVY	High and Heavy (Sparte A3)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LINDNER1	Lindner ZDPM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TEST	Test		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ABELE

Szenario	Feldname	RefFldname	RefTabNam	Verwendung	Aktiv	B
ABELE	TAB	TAB	ZZHE_STAT		<input checked="" type="checkbox"/>	
ABELE	STAT	STAT	ZZHE_STAT	I	<input checked="" type="checkbox"/>	
ABELE	KAPPL	KAPPL	A791		<input checked="" type="checkbox"/>	
ABELE	KSCHL	KSCHL	A791		<input checked="" type="checkbox"/>	
ABELE	VKORG	VKORG	A791		<input checked="" type="checkbox"/>	
ABELE	MATNR	MATNR	A791		<input checked="" type="checkbox"/>	
ABELE	VBELN	VBELN	A090		<input type="checkbox"/>	
ABELE	POSNR	POSNR	A090		<input type="checkbox"/>	
ABELE	DATAB	DATAB	A791		<input checked="" type="checkbox"/>	
ABELE	DATBI	DATBI	A791		<input checked="" type="checkbox"/>	
ABELE	KBETR	KBETR	KONP	P	<input checked="" type="checkbox"/>	
ABELE	KONWA	KONWA	KONP	P	<input checked="" type="checkbox"/>	
ABELE	KPEIN	KPEIN	KONP	P	<input checked="" type="checkbox"/>	
ABELE	KMEIN	KMEIN	KONP	P	<input checked="" type="checkbox"/>	
ABELE	LOEVM_KO	LOEVM_KO	KONP	A	<input checked="" type="checkbox"/>	
ABELE	KNUMH	KNUMH	ZZHE_STAT	I	<input checked="" type="checkbox"/>	

Felder

Field	Short Description
DATAB	Validity start date of the condition record
DATBI	Validity end date of the condition record
KAPPL	Application
KONDA	Price group (customer)
KSCHL	Condition type
SPART	Division
VKORG	Sales Organization
VTWEG	Distribution Channel


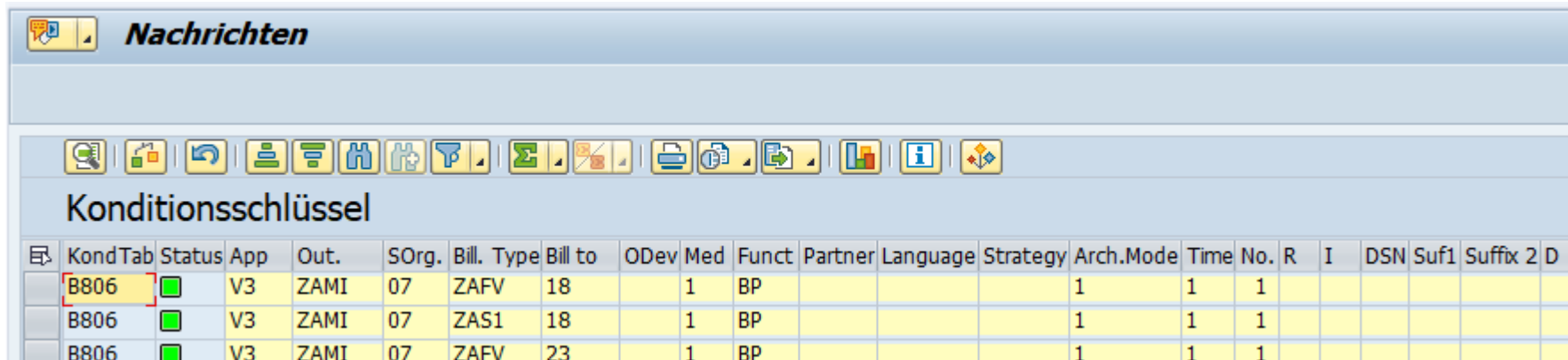
 P01(1)/001 Auswahl Preispflege - Tool - Tabelle

Table Name	Short Description	Short Des
A001	Not Used in Standard	
A002	Domestic Taxes	
A003	Tax Classification	
A004	Material	
A005	Customer/Material	
A006	Price List Type/Currency/Material	
A007	Division/Customer	
A011	Export Taxes	

Application eNace

The eNace application is based on the eRep-technology.
Message condition records can be maintained directly online.
Messages can be made available via Excel download.
Messages can be loaded and imported via Excel upload.
Display, change, create and delete are supported.



The screenshot shows the eNace application interface. At the top, there is a header bar with a small icon and the text "Nachrichten". Below this is a toolbar with various icons for search, navigation, and data management. The main area is titled "Konditionsschlüssel" and contains a table with the following data:

KondTab	Status	App	Out.	SOrg.	Bill. Type	Bill to	ODev	Med	Funct	Partner	Language	Strategy	Arch.Mode	Time	No.	R	I	DSN	Suf1	Suffix 2	D
B806	■	V3	ZAMI	07	ZAFV	18		1	BP				1	1	1						
B806	■	V3	ZAMI	07	ZAS1	18		1	BP				1	1	1						
B806	■	V3	ZAMI	07	ZAFV	23		1	BP				1	1	1						

eRep - Configurator - eNace

Pflege Nace Steuertabelle

Szenario

Szenario	Description	Authority	Aktiv	Up- Downlo
V1	Aufträge		<input type="checkbox"/>	<input type="checkbox"/>
V3	Rechnungen		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
V3-76DB	Lindner Nachrichten DB Xrech		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Aufträge

Szenario	Feldname	RefFldname	RefTabNam	Verwendung	Aktiv
V1	TAB	TAB	ZZHE_STAT_NACE	I	<input checked="" type="checkbox"/>
V1	STAT	STAT	ZZHE_STAT_NACE	I	<input checked="" type="checkbox"/>
V1	KAPPL	KAPPL	B701		<input checked="" type="checkbox"/>
V1	KSCHL	KSCHL	B005		<input checked="" type="checkbox"/>
V1	VKORG	VKORG	B005		<input checked="" type="checkbox"/>
V1	SPART	SPART	B701		<input checked="" type="checkbox"/>
V1	KUNNR	KUNNR	B702		<input checked="" type="checkbox"/>
V1	AUART	AUART	B005		<input checked="" type="checkbox"/>
V1	VB Typ	VB Typ	B701		<input checked="" type="checkbox"/>
V1	LOE_FLAG	LOE_FLAG	ZZHE_STAT_NACE		<input checked="" type="checkbox"/>
V1	LDEST	LDEST	NACH	A	<input checked="" type="checkbox"/>
V1	NACHA	NACHA	NACH	A	<input checked="" type="checkbox"/>
V1	PARVW	PARVW	NACH	A	<input checked="" type="checkbox"/>
V1	PARNR	PARNR	NACH	A	<input checked="" type="checkbox"/>
V1	SPRAS	SPRAS	NACH	A	<input checked="" type="checkbox"/>
V1	TCODE	TCODE	NACH	A	<input checked="" type="checkbox"/>
V1	ANZAL	ANZAL	NACH	A	<input checked="" type="checkbox"/>
V1	TDARMOD	TDARMOD	NACH	A	<input checked="" type="checkbox"/>
V1	VSZTP	VSZTP	NACH	A	<input checked="" type="checkbox"/>
V1	DELET	DELET	NACH	A	<input checked="" type="checkbox"/>
V1	DIMME	DIMME	NACH	A	<input checked="" type="checkbox"/>
V1	DSNAM	DSNAM	NACH	A	<input checked="" type="checkbox"/>
V1	DSUF1	DSUF1	NACH	A	<input checked="" type="checkbox"/>
V1	DSUF2	DSUF2	NACH	A	<input checked="" type="checkbox"/>
V1	KNUMH	KNUMH	ZZHE_STAT_NACE	I	<input checked="" type="checkbox"/>

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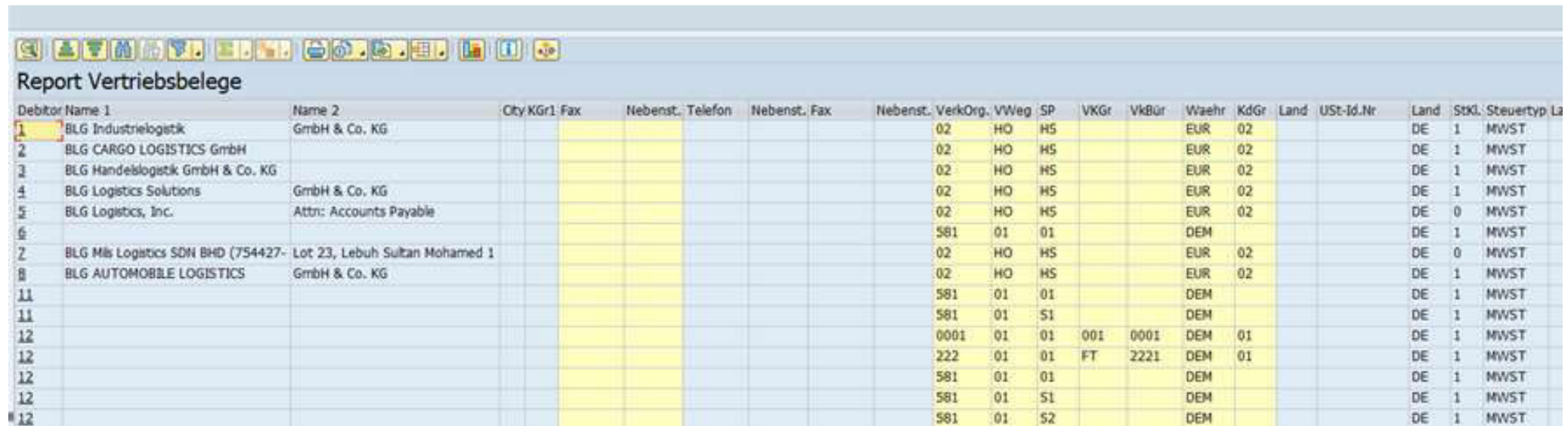
Field	Short Description
AUART	Sales Document Type
KAPPL	Application
KSCHL	Output Type
KUNNR	Sold-to party
VKORG	Sales Organization

P01(1)/001 Auswahl Nachrichten Pflege - Tool - Ta...

Table Name	Short Description
B001	Sales Organization/Custor
B005	Sales Organization/Order
B007	Order Type
B015	Credit Control Area/Cred.
B150	Doc.Type/Sales Org./Cus
B701	B701
B702	B702
NACH	Detailed output data
KNA1	General Data in Custome

Demo Reporting

The Reporting application is based on the eRep-technology.
Reporting is intended to demonstrate the capabilities of the eRep framework.



Debitor Name 1	Name 2	City	KGr1	Fax	Nebenst.	Telefon	Nebenst.	Fax	Nebenst.	VerkOrg.	VWeg	SP	VKGr	VkBür	Waehr	KdGr	Land	USt-Id.Nr	Land	StKl	Steuertyp	La
1	BLG Industrielogistik GmbH & Co. KG									02	HO	H5			EUR	02			DE	1	MWST	
2	BLG CARGO LOGISTICS GmbH									02	HO	H5			EUR	02			DE	1	MWST	
3	BLG Handelslogistik GmbH & Co. KG									02	HO	H5			EUR	02			DE	1	MWST	
4	BLG Logistics Solutions GmbH & Co. KG									02	HO	H5			EUR	02			DE	1	MWST	
5	BLG Logistics, Inc.	Attr: Accounts Payable								02	HO	H5			EUR	02			DE	0	MWST	
6										S81	01	01			DEM				DE	1	MWST	
7	BLG Mls Logistics SDN BHD (754427-	Lot 23, Lebuah Sultan Mohamed 1								02	HO	H5			EUR	02			DE	0	MWST	
8	BLG AUTOMOBILE LOGISTICS GmbH & Co. KG									02	HO	H5			EUR	02			DE	1	MWST	
11										S81	01	01			DEM				DE	1	MWST	
11										S81	01	S1			DEM				DE	1	MWST	
12										0001	01	01	001	0001	DEM	01			DE	1	MWST	
12										222	01	01	FT	2221	DEM	01			DE	1	MWST	
12										S81	01	01			DEM				DE	1	MWST	
12										S81	01	S1			DEM				DE	1	MWST	
12										S81	01	S2			DEM				DE	1	MWST	

eRep – Configurator - Reporting

Pflege Reporting Steuertabelle

Anlegen

Szenario

Szenario	Bezeichnung	Authority	Belegart	HD
KNVV	Debitoren		KNVV	1
KNVV-MIGR	Migration Hana		KNVV	2
LFA1	Lieferanten		LFA1	1
MVKE	Materialstamm		MVKE	1
S4_MIGRAT	S4 Migration		KNVV	3
VBAK	Aufträge		VBAK	1
VBRK	Rechnungen		VBRK	1

S4 Migration

Szenario	Feldname	RefFeldname	RefTabNam	Verw...	Aktiv	Bezugf...	No Ou
S4_MIGRAT	TEL_NUMBER	TEL_NUMBER	ADR2	2	✓		
S4_MIGRAT	FAX_NUMBER	FAX_NUMBER	ADR3	3	✓		
S4_MIGRAT	SMTP_ADDR	SMTP_ADDR	ADR6	6	✓		
S4_MIGRAT	SPERR	SPERR	KNA1	I	✓		
S4_MIGRAT	VKORG	VKORG	KNVV		✓		
S4_MIGRAT	VTWEG	VTWEG	KNVV		✓		
S4_MIGRAT	SPART	SPART	KNVV		✓		
S4_MIGRAT	KDGRP	KDGRP	KNVV		✓		
S4_MIGRAT	EIKTO	EIKTO	KNVV		✓		
S4_MIGRAT	WAERS	WAERS	KNVV		✓		
S4_MIGRAT	KALKS	KALKS	KNVV		✓		
S4_MIGRAT	VERSG	VERSG	KNVV		✓		
S4_MIGRAT	KZAZU	KZAZU	KNVV		✓		
S4_MIGRAT	VWERK	VWERK	KNVV		✓		
S4_MIGRAT	INCO1	INCO1	KNVV		✓		
S4_MIGRAT	INCO2	INCO2	KNVV		✓		
S4_MIGRAT	ZTERM1	ZTERM	KNVV		✓		
S4_MIGRAT	KTGRD	KTGRD	KNVV		✓		
S4_MIGRAT	VKGRP	VKGRP	KNVV		✓		
S4_MIGRAT	VKBUR	VKBUR	KNVV		✓		
S4_MIGRAT	ZAHL5	ZAHL5	KNB1	I	✓		
S4_MIGRAT	ALTKN	ALTKN	KNB1	I	✓		
S4_MIGRAT	MAHNA	MAHNA	KNB5		✓		
S4_MIGRAT	MANSP	MANSP	KNB5		✓		
S4_MIGRAT	KNRMA	KNRMA	KNB5		✓		
S4_MIGRAT	MADAT	MADAT	KNB5		✓		

Felder

Feldname	Kurzbeschreibung
ADNRN	Adressnummer
BANKA	Name des Geldinstituts
BANKL	Bankschlüssel
BANKN	Bankkontonummer
BANKS	Länderschlüssel der Bank
BGRUP	Bankengruppe (Bankennetz)
BICKY	Schlüssel eines BIC+ Datensatzes
BKONT	Bankenkontrollschlüssel
BKREF	Referenzangabe zur Bankverbindu
BNK7	Bankdaten

A01(1)/001 Auswahl Report Pflege - Tool - Tabelle

Tabellenname	Kurzbeschreibung
KNVV	Kundenstamm Vertriebsc
KNA1	Kundenstamm (allgemein
KNVI	Kundenstamm Steuerind
KNVP	Kundenstamm Partnerrol
KNAS	Kundenstamm (allgemein
KNB1	Kundenstamm (Buchung
KNB5	Kundenstamm (Mahndat
ZSD_DOC_REP_BANK	eRep Banddaten
ADRC	Adressen (Business Addr
ADR2	Telefonnummern (Busine
ADR3	Faxnummern (Business A
ADR6	E-Mail-Adressen (Business

End of the presentation
Thanks a lot

We would be happy to create an individual sustainable concept
for your business processes and IT system landscape, determine
your savings potential, advise you holistically and offer solutions.

Your profit is our success!

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