



## Cohesion Excel Pricing Tool

The Cohesion Excel Pricing Tool is an Excel application that allows the user to create, update and display online any sales and purchase pricing conditions directly in SAP.

The application is fully configurable, automatically allowing access to both standard and customer configured condition types. It has been designed and built by an SAP consultant with many years of experience in the field, and the emphasis is on flexibility and robustness.

As well as saving time keying prices into SAP, the user has the power of Excel formulas and copy/paste operations at his/her disposal.

There is a basic mode and an expert mode, making it a valuable tool for all types of SAP users.

Here are the basic steps:

### Step 1: Fetch and select required SAP condition types

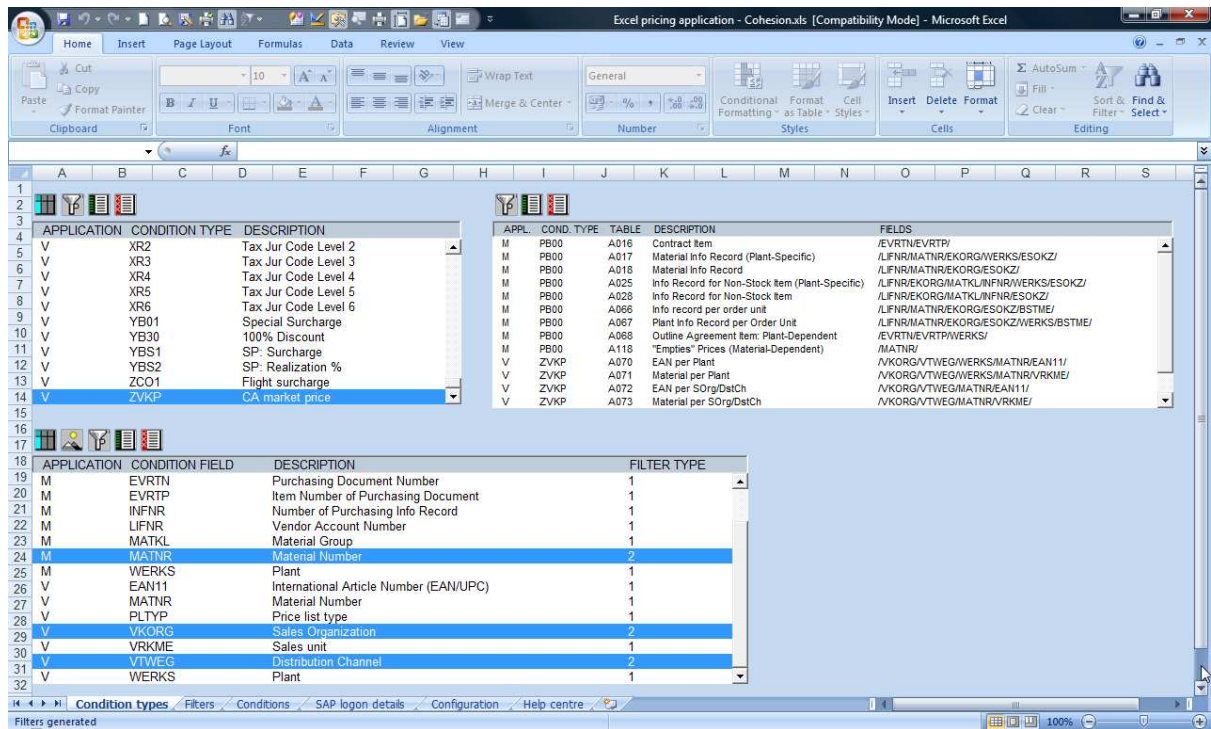
The screenshot displays the Microsoft Excel interface for the 'Cohesion.xls' application. The main window is divided into several panes. The top pane shows a list of SAP condition types with columns for APPLICATION, CONDITION TYPE, and DESCRIPTION. The second pane shows a list of SAP fields with columns for APPL., COND. TYPE, TABLE, DESCRIPTION, and FIELDS. The third pane shows a list of SAP filters with columns for APPLICATION, CONDITION FIELD, DESCRIPTION, and FILTER TYPE. The bottom pane shows the 'Condition types' tab selected, with a status bar indicating 'Condition field list generated'.

APPLICATION	CONDITION TYPE	DESCRIPTION
V	XR2	Tax Jur Code Level 2
V	XR3	Tax Jur Code Level 3
V	XR4	Tax Jur Code Level 4
V	XR5	Tax Jur Code Level 5
V	XR6	Tax Jur Code Level 6
V	YB01	Special Surcharge
V	YB30	100% Discount
V	YBS1	SP Surcharge
V	YBS2	SP Realization %
V	ZC01	Flight surcharge
V	ZVKP	CA market price

APPL.	COND. TYPE	TABLE	DESCRIPTION	FIELDS
M	PB00	A016	Contract Item	/EVRTN/EVRTP/
M	PB00	A017	Material Info Record (Plant-Specific)	/LIFNR/MATNR/EKORG/WERKS/ESOKZ/
M	PB00	A018	Material Info Record	/LIFNR/MATNR/EKORG/ESOKZ/
M	PB00	A025	Info Record for Non-Stock Item (Plant-Specific)	/LIFNR/EKORG/MATKL/INFNR/WERKS/ESOKZ/
M	PB00	A028	Info Record for Non-Stock Item	/LIFNR/EKORG/MATKL/INFNR/ESOKZ/
M	PB00	A066	Info record per order unit	/LIFNR/MATNR/EKORG/ESOKZ/BSTME/
M	PB00	A067	Plant Info Record per Order Unit	/LIFNR/MATNR/EKORG/ESOKZ/WERKS/BSTME/
M	PB00	A068	Outline Agreement Item: Plant-Dependent	/EVRTN/EVRTP/WERKS/
M	PB00	A118	"Emples" Prices (Material-Dependent)	/MATNR/
V	ZVKP	A070	EAN per Plant	/VKORG/VTVEG/WERKS/MATNR/EAN11/
V	ZVKP	A071	Material per Plant	/VKORG/VTVEG/WERKS/MATNR/VRKME/
V	ZVKP	A072	EAN per S0rg/DstCh	/VKORG/VTVEG/MATNR/EAN11/
V	ZVKP	A073	Material per S0rg/DstCh	/VKORG/VTVEG/MATNR/VRKME/

APPLICATION	CONDITION FIELD	DESCRIPTION	FILTER TYPE
M	BSTME	Purchase Order Unit of Measure	1
M	EKORG	Purchasing Organization	1
M	ESOKZ	Purchasing info record category	1
M	EVRTN	Purchasing Document Number	1
M	EV RTP	Item Number of Purchasing Document	1
M	INFNR	Number of Purchasing Info Record	1
M	LIFNR	Vendor Account Number	1
M	MATKL	Material Group	1
M	MATNR	Material Number	1
M	WERKS	Plant	1
V	EAN11	International Article Number (EAN/UPEC)	1
V	MATNR	Material Number	1
V	PLTYP	Price list type	1
V	VKORG	Sales Organization	1

Step 2: If required, create individual field value filters



The screenshot shows an Excel spreadsheet with two tables. The first table lists application conditions with columns for Application, Condition Type, and Description. The second table lists filter types with columns for Application, Condition Field, Description, and Filter Type.

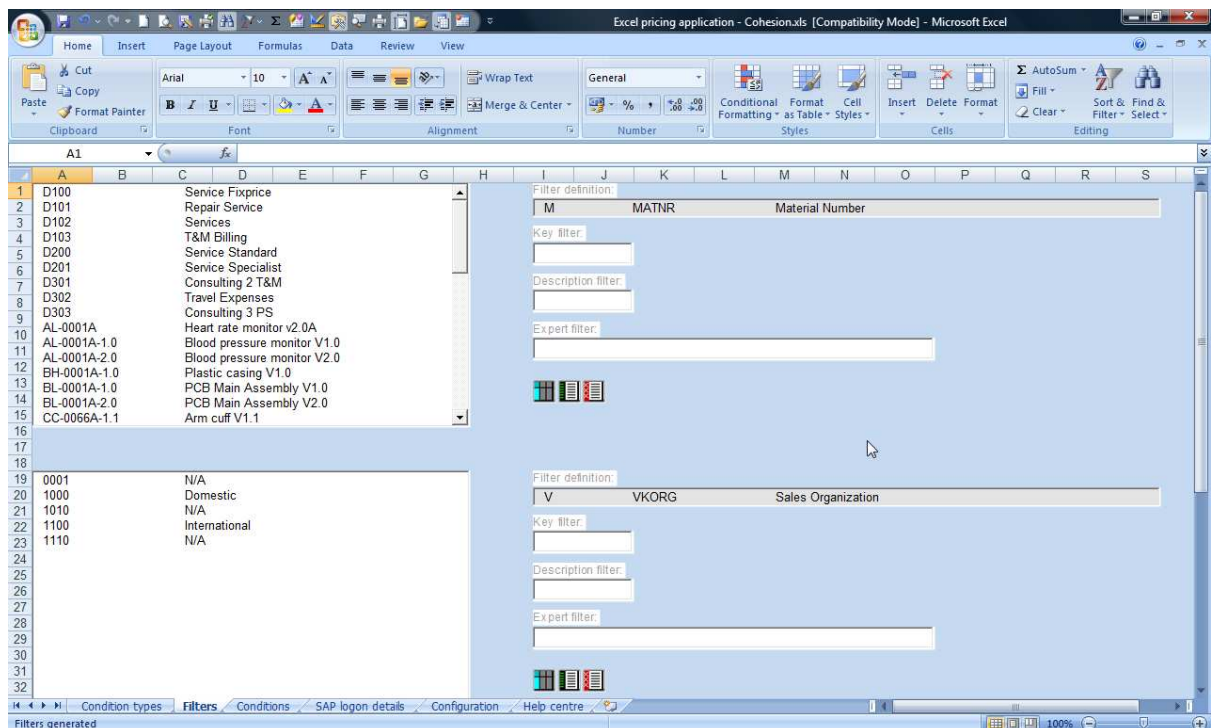
APPLICATION	CONDITION TYPE	DESCRIPTION
V	XR2	Tax Jur Code Level 2
V	XR3	Tax Jur Code Level 3
V	XR4	Tax Jur Code Level 4
V	XR5	Tax Jur Code Level 5
V	XR6	Tax Jur Code Level 6
V	YB01	Special Surcharge
V	YB30	100% Discount
V	YBS1	SP- Surcharge
V	YBS2	SP- Realization %
V	ZC01	Flight surcharge
V	ZVKP	CA market price

APPL.	COND. TYPE	TABLE	DESCRIPTION	FIELDS
M	PB00	A016	Contract Item	/EVRT/VEVRT/
M	PB00	A017	Material Info Record (Plant-Specific)	/LIFNR/MATNR/EKORG/VERKS/ESOKZ/
M	PB00	A018	Material Info Record	/LIFNR/MATNR/EKORG/ESOKZ/
M	PB00	A025	Info Record for Non-Stock Item (Plant-Specific)	/LIFNR/EKORG/MATKL/LIFNR/VERKS/ESOKZ/
M	PB00	A028	Info Record for Non-Stock Item	/LIFNR/EKORG/MATKL/LIFNR/ESOKZ/
M	PB00	A066	Info record per order unit	/LIFNR/MATNR/EKORG/ESOKZ/BSTME/
M	PB00	A067	Plant Info Record per Order Unit	/LIFNR/MATNR/EKORG/ESOKZ/VERKS/BSTME/
M	PB00	A068	Outline Agreement Item: Plant-Dependent	/EVRT/VEVRT/VERKS/
M	PB00	A118	Emples' Prices (Material-Dependent)	/MATNR/
V	ZVKP	A070	EAN per Plant	/VKORG/VTWEG/VERKS/MATNR/EAN11/
V	ZVKP	A071	Material per Plant	/VKORG/VTWEG/VERKS/MATNR/VRKME/
V	ZVKP	A072	EAN per S0rg/DstCh	/VKORG/VTWEG/MATNR/EAN11/
V	ZVKP	A073	Material per S0rg/DstCh	/VKORG/VTWEG/MATNR/VRKME/

APPLICATION	CONDITION FIELD	DESCRIPTION	FILTER TYPE
M	EVRTN	Purchasing Document Number	1
M	EVRTP	Item Number of Purchasing Document	1
M	INFNR	Number of Purchasing Info Record	1
M	LIFNR	Vendor Account Number	1
M	MATKL	Material Group	1
M	MATNR	Material Number	2
M	WERKS	Plant	1
V	EAN11	International Article Number (EAN/UPC)	1
V	MATNR	Material Number	1
V	PLTYP	Price list type	1
V	VKORG	Sales Organization	2
V	VRKME	Sales unit	1
V	VTWEG	Distribution Channel	2
V	WERKS	Plant	1



The screenshot shows an Excel spreadsheet with a table of services and materials. A filter definition dialog box is open, showing the filter definition for 'Material Number' and 'Sales Organization'.

1	D100	Service Fixprice
2	D101	Repair Service
3	D102	Services
4	D103	T&M Billing
5	D200	Service Standard
6	D201	Service Specialist
7	D301	Consulting 2 T&M
8	D302	Travel Expenses
9	D303	Consulting 3 PS
10	AL-0001A	Heart rate monitor v2.0A
11	AL-0001A-1.0	Blood pressure monitor V1.0
12	BH-0001A-1.0	Blood pressure monitor V2.0
13	BH-0001A-2.0	Plastic casing V1.0
14	BL-0001A-1.0	PCB Main Assembly V1.0
15	BL-0001A-2.0	PCB Main Assembly V2.0
16	CC-0066A-1.1	Arm cuff V1.1

19	0001	N/A
20	1000	Domestic
21	1010	N/A
22	1100	International
23	1110	N/A



### Step 3: Generate a price entry template or fetch existing prices from SAP

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2																									
3	WKORG	VTWEG	PLTY	MATNR	LIFNR	MATKL	EKORG	ESOKZ	VERKS	YPKME	EANH	INFNR	EVRTN	EVRTP	BSTME	KNJMH	KVEVE	KOTAENR	KAPPL	KSCHL	DATAB	DATBI	KONP_KBETR	KONP_KONVA	KONP_KPEN
4	Sales org.	Distr. Ch.	Price list	Material	Vendor	Matl Group	Purch. Org.	Inttype	Plant	Sales unit	EANUPC	Info Rec.	Purch. Doc.	Item	Order Unit	CondRecNo.	Usage	Table	Applic.	Condtype	Valid From	to	Amount	CondCur	Unit
5																	A	16 M		PB00					
6																	A	17 M		PB00					
7																	A	18 M		PB00					
8																	A	25 M		PB00					
9																	A	28 M		PB00					
10																	A	68 M		PB00					
11																	A	87 M		PB00					
12																	A	88 M		PB00					
13																	A	118 M		PB00					
14																	A	70 V		ZVKP					
15																	A	71 V		ZVKP					
16																	A	72 V		ZVKP					
17																	A	73 V		ZVKP					
18																	A	118 V		ZVKP					
19																	A	156 V		ZVKP					

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2																									
3	WKORG	VTWEG	PLTY	MATNR	LIFNR	MATKL	EKORG	ESOKZ	VERKS	YPKME	EANH	INFNR	EVRTN	EVRTP	BSTME	KNJMH	KVEVE	KOTAENR	KAPPL	KSCHL	DATAB	DATBI	KONP_KBETR	KONP_KONVA	KONP_KPEN
4	Sales org.	Distr. Ch.	Price list	Material	Vendor	Matl Group	Purch. Org.	Inttype	Plant	Sales unit	EANUPC	Info Rec.	Purch. Doc.	Item	Order Unit	CondRecNo.	Usage	Table	Applic.	Condtype	Valid From	to	Amount	CondCur	Unit
5				AL-0001A-2.0	GE-US		1000	3								7701 A	18 M		PB00	01/02/2008	31/12/9999		6.7	USD	
6				BH-0001A-2.0	DIG-KEY		1000	3								7702 A	18 M		PB00	01/02/2008	31/12/9999		4	USD	
7				BL-0001A-2.0	GE-US		1000	0								7703 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
8				CC-0068A-2.0	DIG-KEY		1000	0								7704 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
9				D301	GE-US		1000	0								7705 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
10				EC-0104O	DIG-KEY		1000	0								7706 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
11				EC-0104ON	DIG-KEY		1000	0								7707 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
12				EC-0104R	DIG-KEY		1000	0								7708 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
13				EC-0104RN	DIG-KEY		1000	0								7709 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
14				ED-5248A	DIG-KEY		1000	0								7710 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
15				ED-5248AN	DIG-KEY		1000	0								7711 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
16				EL-0226C	DIG-KEY		1000	0								7712 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
17				EL-0226CN	DIG-KEY		1000	0								7713 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
18				ZC-0002A	DIG-KEY		1000	0								7714 A	17 M		PB00	01/02/2008	31/12/9999		0	USD	
19				ZC-0002A	DIG-KEY		1000	0	1000							7715 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
20				ZL-0001A	DIG-KEY		1000	0								7716 A	18 M		PB00	01/02/2008	31/12/9999		0	USD	
21				ZL-0001E	DIG-KEY		1000	0								7717 A	73 V		ZVKP	31/07/2009	31/12/9999		12	USD	
22		1000	10	BH-0001A-1.0			1000	0								7718 A	73 V		ZVKP	31/07/2009	31/12/9999		13	USD	
23		1000	10	BH-0001A-2.0			1000	0								7719 A	73 V		ZVKP	31/07/2009	31/12/9999		13	USD	





### Step 4: Update or create new prices

WKORG	VTWEG	PLTYP	MATNR	LFNMR	MATKL	EKORG	ESOKZ	WERKS	YPRIME	EAN11	INFNR	EVRTN	EVRTP	BSTME	KNUMH	KVEVE	KOTABNR	KAPPL	KSCHL	DATAB	DATBI	KONP_KBETR	KONP_KONMA	KO
			AL-0001A-2.0	GE-US		1000	3							7720 A	18 M	PB00	01/02/2010	31/12/9999				2.3 USD		
			BH-0001A-2.0	DIG-KEY		1000	0							7721 A	18 M	PB00	01/02/2010	31/12/9999				3.5 USD		
			BL-0001A-2.0	GE-US		1000	3							7722 A	18 M	PB00	01/02/2010	31/12/9999				2.38 USD		
			CC-0066A-2.0	DIG-KEY		1000	0							7723 A	18 M	PB00	01/02/2010	31/12/9999				2.38 USD		
			D201	GE-US		1000	0							7724 A	18 M	PB00	01/02/2010	31/12/9999				2.38 USD		
			EC-0104O	DIG-KEY		1000	0							7725 A	18 M	PB00	01/02/2010	31/12/9999				2.38 USD		
			EC-0104ON	DIG-KEY		1000	0							7726 A	18 M	PB00	01/02/2010	31/12/9999				2.38 USD		
			EC-0104R	DIG-KEY		1000	0							7727 A	18 M	PB00	01/02/2010	31/12/9999				3.88 USD		
			EC-0104RN	DIG-KEY		1000	0							7728 A	18 M	PB00	01/02/2010	31/12/9999				3.88 USD		
			ED-5248A	DIG-KEY		1000	0							7729 A	18 M	PB00	01/02/2010	31/12/9999				3.88 USD		
			ED-5248AN	DIG-KEY		1000	0							7730 A	18 M	PB00	01/02/2010	31/12/9999				3.88 USD		
			EL-0228C	DIG-KEY		1000	0							7731 A	18 M	PB00	01/02/2010	31/12/9999				4 USD		
			EL-0228CN	DIG-KEY		1000	0							7732 A	18 M	PB00	01/02/2010	31/12/9999				10 USD		
			ZC-0002A	DIG-KEY		1000	0							7733 A	18 M	PB00	01/02/2010	31/12/9999				35 USD		
			ZC-0002A	DIG-KEY		1000	0	1000						7734 A	17 M	PB00	01/02/2010	31/12/9999				35 USD		
			ZL-0001A	DIG-KEY		1000	0							7735 A	18 M	PB00	01/02/2010	31/12/9999				35 USD		
			ZL-0001E	DIG-KEY		1000	0							7736 A	18 M	PB00	01/02/2010	31/12/9999				22 USD		
	1000	10	BH-0001A-1.0											7737 A	73 Y	ZVKP	01/02/2010	31/12/9999				2098 USD		
	1000	10	BH-0001A-2.0											7738 A	73 Y	ZVKP	01/02/2010	31/12/9999				2048 USD		

### Step 5: Add in or remove pricing fields as required

TABLE	FIELD	ALIAS	DESCRIPTION
/COHESION/EPT_4	DATAB	DATAB	Valid-From Date
/COHESION/EPT_4	DATBI	DATBI	Valid To Date
/COHESION/EPT_4	DDTEXT	DDTEXT	Explanatory short text
/COHESION/EPT_4	MSGNO	MSGNO	System Message Number
/COHESION/EPT_4	MSGTXT	MSGTXT	Message Text
/COHESION/EPT_4	ROWNO	ROWNO	Excel row number for Excel pricing tool cond. maintenance
/COHESION/EPT_4	TABNAME	TABNAME	Table Name
KONH	AKTNR	KONH_AKTNR	Promotion
KONH	DATAB	KONH_DATAB	Valid-From Date
KONH	DATBI	KONH_DATBI	Valid To Date
KONH	ERDAT	KONH_ERDAT	Date on Which Record Was Created
KONH	ERNAM	KONH_ERNAM	Name of Person who Created the Object
KONH	KAPPL	KAPPL	Application
KONH	KNUMA_AG	KONH_KNUMA_AG	Sales deal
KONH	KNUMA_BO	KONH_KNUMA_BO	Agreement (subsequent settlement)
KONH	KNUMA_PI	KONH_KNUMA_PI	Promotion
KONH	KNUMA_SD	KONH_KNUMA_SD	Standard agreement
KONH	KNUMA_SQ	KONH_KNUMA_SQ	Sales quote
KONH	KNUMH	KNUMH	Condition record number
KONH	KOSRT	KONH_KOSRT	Search term for conditions
KONH	KOTABNR	KOTABNR	Condition table
KONH	KSCHL	KSCHL	Condition type
KONH	KVEWE	KVEWE	Usage of this condition table
KONH	KZUST	KONH_KZUST	Responsibility in SD for condition/material
KONH	LICDT	KONH_LICDT	Date license granted
KONH	LICNO	KONH_LICNO	Tax exemption license number
KONH	VADAT	KONH_VADAT	Variable Data Part
KONH	VAKY	KONH_VAKY	Variable key 100 bytes
KONM	KBETR	KONM_KBETR	Rate (condition amount or percentage)

**MANDATORY FIELDS**

- DATAB
- DATBI
- MSGNO
- MSGTXT
- ROWNO
- KAPPL
- KNUMH
- KOTABNR
- KSCHL
- KVEWE
- KONP\_KBETR
- KONP\_KMEIN
- KONP\_KONWA
- KONP\_KPEIN