

# SCM Consulting Solutions

**Purchasing Monitor 2012.1**

June, 18<sup>th</sup> 2013

Released  
for  
customer

# Agenda

---

1. **The challenge: Central overview of purchasing documents**
2. The solution: SCM Consulting Solution Purchasing Monitor
3. Details on Purchasing Monitor

# The challenge: Central overview of purchasing documents

---

- Evaluation of different purchasing documents is often very time-consuming
- Different evaluation tools for different document types
- Very limited aggregation possibilities
- No central possibility for document comparison
- Nonflexible analysis for purchase requisition dates
- no possibility to mass maintain order confirmations

# Agenda

---

1. The challenge: Central overview of purchasing documents
- 2. The solution: SCM Consulting Solution Purchasing Monitor**
3. Details on Purchasing Monitor

# The solution: SCM Consulting Solution purchasing monitor

---

- Central evaluation of purchasing documents
- Use of selection parameters which are defined in standard customizing
- Distinction and aggregation on different levels
- Overview and evaluation of purchase requisitions
- Comparison of different documents with different distinctions
- Simple maintenance of order confirmations

# The solution: SCM Consulting Solution purchasing monitor

## Questions and Answers about Sap's purchasing monitor

---

Which prerequisites must the customer fulfil?

- A SAP ERP system must be used for materials planning.

What are the advantages of the purchasing monitor?

- Central evaluation of purchasing documents
- Possibility of document comparison
- Maintenance of order confirmations

Is the purchasing monitor a modification?

- No, the purchasing monitor is an add-on tool and no modification.

Is there any Customizing necessary to use the forecast monitor?

- Basically there are no customer specific adjustments needed. If different processing times for different PR types should be used, these can be maintained in a customizing table.

How time-consuming is the adoption?

- The consulting solution is installed within one day and immediately available.

What's the whole amount of costs for the forecast monitor?

- Please send an inquiry to Marc Hoppe

# Agenda

---

1. The challenge: Central overview of purchasing documents
2. The solution: SCM Consulting Solution Purchasing Monitor
- 3. Details on Purchasing Monitor**

# Details on purchasing monitor

---

- The purchasing monitor offers the possibility to do a operational and strategic evaluation on purchasing documents
- Additionally order confirmations can be maintained in the purchasing monitor
- Purchasers and planners will get an easy overview of relevant the purchasing documents
- Documents can flexibly be aggregated and distinct by business operations, predefined or own defined key figures.



# Data selection: Tab Analysebereich

- On the selection screen the analysis scope can be selected by purchasing group, MRP controller and other criteria.

**Purchasing monitor**

Organizational data

Purch. Organization		to		
Purchasing Group		to		
Company Code		to		
Plant		to		

Material data

Material		to		
Material Group		to		
MRP Controller		to		

Document data

Delivery Date		to		
Document Date		to		
Created on		to		
Vendor		to		
Purchasing Document		to		
Purch. Doc. Category		to		
Purchasing Doc. Type		to		
Item Category		to		
Acct. Assignment Cat.		to		
Collective Number		to		
Short Text		to		
<input checked="" type="checkbox"/> P_LOEKZ				

Purchase requisition data

Purchase Requisition		to		
Delivery Date		to		
Requisitioner		to		
Req. Tracking Number		to		

- For performance reasons, the data selection of not needed overviews can be excluded at the beginning.

Performance: choose required selection

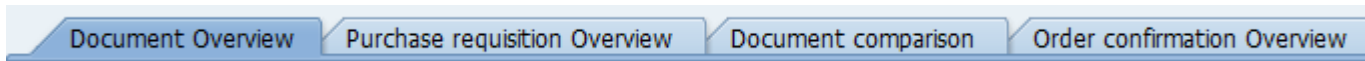
<input checked="" type="checkbox"/> Selection purchase requisition
<input checked="" type="checkbox"/> Selection document comparison
<input checked="" type="checkbox"/> Selection order confirmation

Performance: prefilling datatables

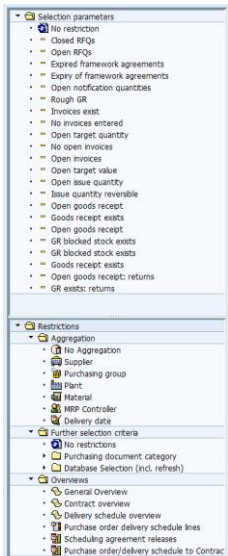
<input checked="" type="checkbox"/> Contract overview
<input checked="" type="checkbox"/> Delivery schedule overview
<input checked="" type="checkbox"/> Purchase order delivery sched.
<input checked="" type="checkbox"/> Scheduling agreement release
<input checked="" type="checkbox"/> Documents to contract overview

# Result view Purchasing Monitor

- The result view of the purchasing monitor is separated in different tabs.



- Standard transactions can be called by double click on the objects of each result list. E.g. Documents, materials, supplier, etc.
- Further selections, aggregations and distinctions can be chosen via the navigation tree on the left.





# Purchase requisition overview (1/2)

- On tab purchase requisition overview all purchase requisitions found by the selection are shown at the beginning.

Document Overview

Purchase requisition overview

Document comparison

Order confirmation overview

Purchase request restriction

No restriction

Open purchase requisition

Released purchase requisition

Open not assigned purchase requisition

Assigned, open and released purchase requisition

Released purchase requisition

Released open purchase requisition

Not released purchase requisition

Not released assigned purchase requisition

Urgent requisition

Processing duration

Restriction

Aggregation

No Aggregation

Supplier

Purchasing group

Plant

Material

NSP Controller

Anforderer

In time

Release date

Further selection criteria

No restrictions

Status

Document category

Overviews

Purchase requisition overview

Development overview

PurchReq.	Item	Item O.	Trckn.	Requis Date	PO Date	Proc.date	Days real	PO outp.	Proc.	PR Cat. re	S	Pgr	Material	Short Text
10024257	10	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024257	20	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024257	30	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024257	40	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024258	10	NB	SCH520	18.09.2012	19.09.2012	19.09.2012	1	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024259	10	NB	SCH520	18.09.2012	18.09.2012	19.09.2012	1	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024260	10	NB	SCH520	18.09.2012	18.09.2012	19.09.2012	186	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024261	10	NB	KOTTY	18.09.2012	18.09.2012	19.09.2012	1	5	5	10	B	KOT	K-ROH-2	Malz 1 KG
10024263	10	NB	KOTTY	18.09.2012	18.09.2012		186	5	5	10	B	SM	K-HAN-1	HSV Tricket ohne Flag
10024266	10	NB	KOTTY	18.09.2012	19.09.2012		185	5	5	10	B	SM	K-HAN-1	HSV Tricket ohne Flag
10024267	10	NB	KOTTY	19.09.2012	21.09.2012		185	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024933	10	NB	KOTTY	17.10.2012	10.04.2013		166	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10024974	10	NB	KOTTY	19.10.2012	11.12.2012		164	5	5	10	B	SM	K-HAN-1	HSV Tricket ohne Flag
10024975	10	NB	KOTTY	19.10.2012			164	5	5	10	N	KOT	K-ROH-2	Malz 1 KG
10025218	10	NB	KOTTY	08.11.2012	08.11.2012		151	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10025991	10	NB	KOTTY	06.12.2012	08.03.2013		131	5	5	10	B	SM	K-HAN-1	HSV Tricket ohne Flag
10025992	10	NB	KOTTY	06.12.2012			131	5	5	10	N	SM	K-HAN-2	HSV FLOG
10025994	20	NB	KOTTY	06.12.2012	08.03.2013		131	5	5	10	B	SM	K-HAN-1	HSV Tricket ohne Flag
10027602	20	NB	KOTTY	19.02.2013	08.03.2013		81	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028472	10	NB	KOTTY	08.03.2013	08.03.2013		68	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028473	10	NB	KOTTY	08.03.2013	08.03.2013		68	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028474	50	NB	KOTTY	08.03.2013	08.03.2013		68	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028475	60	NB	KOTTY	08.03.2013	08.03.2013		68	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028674	10	NB	KOTTY	28.03.2013	10.04.2013		54	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028720	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028720	20	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028721	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028722	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028723	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028724	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028725	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028726	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028727	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028728	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028729	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028730	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028731	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028732	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028733	10	NB	KOTTY	09.04.2013	10.04.2013		48	5	5	10	B	KOT	K-ROH-1	Hopfen 1 KG
10028734	10	NB	KOTTY	10.04.2013	10.04.2013		47	5	5	10	R	KOT	K-ROH-1	Hopfen 1 KG

- Via the navigation tree, different selections and distinctions can be applied.  
Example: Purchase requisition overview with aggregation release date:

Release Date	PurchReq.	Item	PO	Item	O Typ	TrackingNo	Requis Date	PO Date	Proc.date	Days real	PO output	Proc. time	PR Cat. re	S	Pgr	Material
18.09.2012	10024261	10	4500017949	10	NB	KOTTY	18.09.2012	18.09.2012	19.09.2012	1	5	5	10	B	KOT	K-ROH-2
19.09.2012																
19.09.2012	10024267	10	4500017965	10	NB	KOTTY	19.09.2012	21.09.2012		185	5	5	10	B	KOT	K-ROH-1
20.09.2012																
	10024257	10	4500017945	10	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1
	10024257	20	4500017945	20	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1
	10024257	30	4500017945	30	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1
	10024257	40	4500017945	40	NB	SCH520	18.09.2012	18.09.2012	15.01.2013	80	5	5	10	B	KOT	K-ROH-1
	10024258	10	4500017953	10	NB	SCH520	18.09.2012	19.09.2012	19.09.2012	1	5	5	10	B	KOT	K-ROH-1
	10024259	10	4500017947	10	NB	SCH520	18.09.2012	18.09.2012	19.09.2012	1	5	5	10	B	KOT	K-ROH-1
	10024260	10	4500017948	10	NB	SCH520	18.09.2012	18.09.2012		186	5	5	10	B	KOT	K-ROH-1
	10024263	10	4500017951	10	NB	KOTTY	18.09.2012	18.09.2012		186	5	5	10	B	SM	K-HAN-1
	10024266	10	4500017954	10	NB	KOTTY	19.09.2012	19.09.2012		185	5	5	10	B	SM	K-HAN-1
20.09.2012																
22.10.2012	10024974	10	4500018619	10	NB	KOTTY	19.10.2012	11.12.2012		164	5	5	10	B	SM	K-HAN-1
22.10.2012																
23.10.2012	10024975	10			NB	KOTTY	19.10.2012			164	5	5	10	N	KOT	K-ROH-2

# Purchase requisition overview (2/2)

- An additional function of the purchase requisition overview is the development overview.

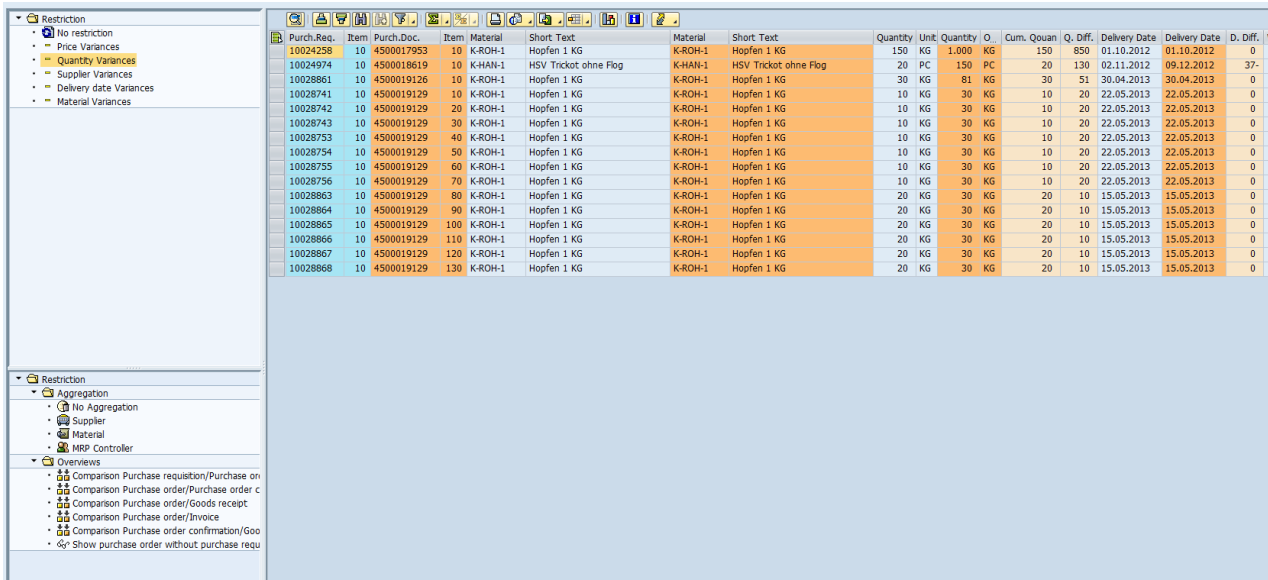
The screenshot displays the SAP Purchase Requisition Overview (Development Overview) interface. The left sidebar shows a tree structure under 'Purchase request restriction' and 'Restriction'. The main area contains a table with the following data:

Period	In Time	Sum undue	N. in Time	Sum PR	Open PR
201209	3	0	8	11	4
201210	0	0	3	3	3
201211	0	0	1	1	1
201212	0	0	3	3	3
201301	0	0	1	1	1
201302	0	0	5	5	5
201303	0	0	62	62	62
201304	0	0			
<b>Sum</b>	<b>3</b>	<b>0</b>	<b>83</b>	<b>86</b>	<b>79</b>

- The development overview offers a “in time” statistic, aggregated by month, for documents of the purchase requisition overview.

# Document comparison

- On tab document comparison the final documents are compared with the original document.



The screenshot displays the SAP document comparison interface. On the left, there are two panels for 'Restriction' and 'Aggregation'. The 'Restriction' panel includes options like 'No restriction', 'Price Variances', 'Quantity Variances', 'Supplier Variances', 'Delivery date Variances', and 'Material Variances'. The 'Aggregation' panel includes 'No Aggregation', 'Supplier', 'Material', and 'MRP Controller'. Below these is an 'Overviews' section with icons for different comparison types. The main table lists purchase requisition items with columns for Purch. Req., Item, Purch. Doc., Item, Material, Short Text, Material, Short Text, Quantity, Unit, Quantity, O., Cum. Qouan, Q. Diff., Delivery Date, Delivery Date, D. Diff., and Val.

Purch. Req.	Item	Purch. Doc.	Item	Material	Short Text	Material	Short Text	Quantity	Unit	Quantity	O.	Cum. Qouan	Q. Diff.	Delivery Date	Delivery Date	D. Diff.	Val
10024258	10	4500017953	10	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	150	KG	1,000	KG	150	850	01.10.2012	01.10.2012	0	
10024974	10	4500018619	10	K-HAN-1	HSV Trickot ohne Flog	K-HAN-1	HSV Trickot ohne Flog	20	PC	150	PC	20	130	02.11.2012	09.12.2012	37-	
10028861	10	4500019126	10	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	30	KG	81	KG	30	51	30.04.2013	30.04.2013	0	
10028741	10	4500019129	10	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028742	10	4500019129	20	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028743	10	4500019129	30	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028753	10	4500019129	40	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028754	10	4500019129	50	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028755	10	4500019129	60	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028756	10	4500019129	70	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	10	KG	30	KG	10	20	22.05.2013	22.05.2013	0	
10028863	10	4500019129	80	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	20	KG	30	KG	20	10	15.05.2013	15.05.2013	0	
10028864	10	4500019129	90	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	20	KG	30	KG	20	10	15.05.2013	15.05.2013	0	
10028865	10	4500019129	100	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	20	KG	30	KG	20	10	15.05.2013	15.05.2013	0	
10028866	10	4500019129	110	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	20	KG	30	KG	20	10	15.05.2013	15.05.2013	0	
10028867	10	4500019129	120	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	20	KG	30	KG	20	10	15.05.2013	15.05.2013	0	
10028868	10	4500019129	130	K-ROH-1	Hopfen 1 KG	K-ROH-1	Hopfen 1 KG	20	KG	30	KG	20	10	15.05.2013	15.05.2013	0	

- 5 comparisons are available:
  - Comparison Purchase requisition/Purchase order
  - Comparison Purchase order/Purchase order confirmation
  - Comparison Purchase order/Goods receipt
  - Comparison Purchase order/Invoice
  - Comparison Purchase order confirmation/Goods receipt

Different comparisons, different distinctions can be used

# Order confirmation overview

- The purpose of the order confirmation tab is to get an overview and to maintain order confirmations

- Via double click on an order in the overview, the confirmation details are shown in the edit view below, where confirmations can be maintained

Purchasing Do...	Item	SeqNo	CC	C	Delivery Date	Time-spot	Quantity	Reference	Order Acknowledgment	R	D	M	G	Ext. Doc.	Delivery	Item	Descr.	Ctr.	Cum. Qouan	Open Quan.
4500017953	10	7	AB				0,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	0,000	0
4500017953	10	6	AB	1	11.05.2013	00:00:00	10,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	420,000	580
4500017953	10	5	AB	1	13.05.2013	00:00:00	100,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	410,000	590
4500017953	10	4	AB	3	01.04.2013	00:00:00	100,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	310,000	690
4500017953	10	3	AB	1	01.10.2012	00:00:00	10,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	210,000	790
4500017953	10	2	AB	1	01.10.2012	18:00:00	100,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	200,000	800
4500017953	10	1	AB	1	01.10.2012	11:00:00	100,000		11111111111111111111	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					T-AB	100,000	900

# Where can I get more information on SCM CS?

---

Go to SAP service marketplace and search for note 1493943!

Or ask for more information:

**Marc Hoppe**

Consulting Manager SCM  
SAP Consulting  
SAP Deutschland AG & Co. KG  
Großer Grasbrook 17  
20457 Hamburg  
marc.hoppe@sap.com

**Ferenc Gulyácssy**

Business Processes Senior Consultant SCM  
SAP Consulting  
SAP Deutschland AG & Co. KG  
Homberger Straße 25  
40882 Ratingen  
ferenc.gulyassy@sap.com