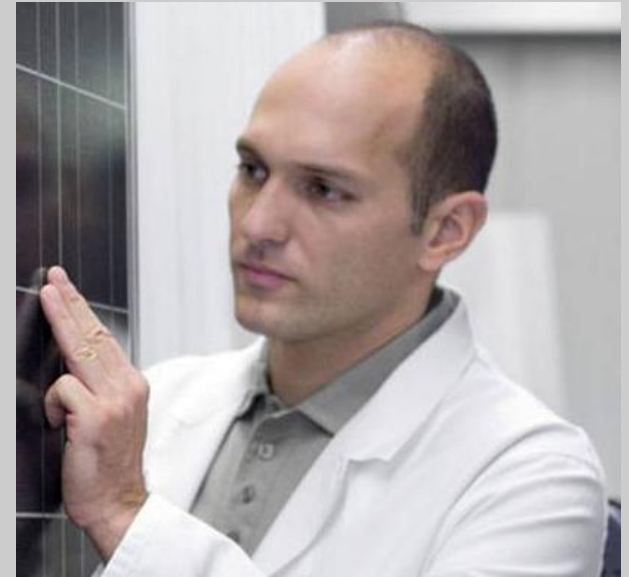


SAP's Replenishment Lead Time Monitor



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Agenda



- 1. The challenge: Optimize the scheduling**
2. The solution: SAP's Replenishment Lead Time Monitor
3. Details on SAP's Replenishment Lead Time Monitor

The challenge: Optimize the scheduling



Using the replenishment lead time companies encounter the following problems:

- Replenishment lead time and planned delivery time from master data, purchasing info record or contracts do not correspond to reality.
- Unrealistic replenishment lead time leads to unrealistic scheduling in material procurement and production.
- The determination and maintenance of replenishment lead time is an excessive process which has to be executed manually.
- The verification of replenishment lead time and its continuous update is excessive and complex. Regularly standardized values are used.

Agenda



1. The challenge: Optimize the scheduling
- 2. The solution: SAP's Replenishment Lead Time Monitor**
3. Details on SAP's Replenishment Lead Time Monitor

The solution: SAP's Replenishment Lead Time Monitor



Questions and answers to SAP's Replenishment Lead Time Monitor

- Which prerequisites must be given for customer's propose?
 - The assignment used of SAP R/3 material management and/or production planning.
- Which advantages offers the Replenishment Lead Time Monitor?
 - Integrated reporting of replenishment lead time of purchase orders, purchasing info records, contracts and scheduling agreements in a SAP ERP System.
 - Visualization of replenishment lead time in a hierarchic representation enables to rate the procurement alternatives for each material.
 - Continous master data review for replenishment lead time including update functions.
- Is the Replenishment Lead Time Monitor a modification?
 - No. It is an Add-on, no modification.
- Is Customizing necessary to use the RLT monitor?
 - No, customizing is not needed.
- How time-consuming is the adoption?
 - The solution will be installed and available within one day.
- What's the whole amount of costs for the RLT monitor?
 - Please send an inquiry to Marc Hoppe

Goals of using SAP's Replenishment Lead Time Monitor



The usage of Replenishment Lead Time Monitor increases the scheduling in purchasing and production processes.

- Overview of planned delivery time for purchased parts and in-house production time for in-house production.
- Supplier evaluation based on analysis of delivery date variance.
- Review and update function for master data settings for material master, supplier, purchasing info records, contracts and scheduling agreements.

Agenda



1. The challenge: Optimize the scheduling
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3. **Details on SAP's Replenishment Lead Time Monitor**

Details on SAP's Replenishment Lead Time Monitor



The replenishment lead time can be reported on different levels.

RLT-Monitor

The screenshot displays the SAP RLT-Monitor interface with the following sections:

- General settings** (selected), External procurement, Inhouse production
- Analysis period**: Month [] to []
- Scope of Analysis**:
 - Material: [] to []
 - Material Type: [] to []
 - Plant: []
 - MRP Controller: [] to []
 - MRP group: [] to []
 - Plant-sp.matl status: [] to []
 - External delivery:
 - Inhouse production:
- Result of Analysis**:
 - Process analysis:
 - Display result:
 - as tree:
 - as ALV table:
 - Save result: Description: []
 - Read result from database:
 - Display as tree:
 - Display as table:
 - Delete result(s) from database:
 - Key: [] to []
 - User: [] to []
 - Date: [] to []
 - Time: [00:00:00] to [00:00:00]

Limitation of possible analysis periods.

Flexible selection of the area to analyse, e.g. Material. Differentiation between in-house production resp external procurement.

Details on SAP's Replenishment Lead Time Monitor



Reporting in RLT-Monitor – external procurement

System Help

Replenishment lead time external procurement

Hierarchy level	Pdt	GRProcTm	RLT	Amount	OUn	Desdeldate	Startdate	Enddate	open	Is	Min	Max	Amnt	Avg	St.dev	Delay
Material TEST_AB	20	3	0	0,000	ST						0	0	0	0	0,000	0
Material TEST_DUOPHONE	0	0	0	0,000	ST						0	0	2	0	0,000	0
Supplier 0000015001 Willi B		0	0	0,000	ST						0	0	2	0	0,000	0
Info record 5300000445	12	0	0	0,000	ST						0	0	0	0	0,000	0
Material TEST_HAUPTBEBENE2	100	0	0	0,000	ST						0	0	0	0	0,000	0
Supplier 0000015001 Willi B		0	0	0,000	ST						0	0	0	0	0,000	0
Info record 5300000452	1	0	0	0,000	ST						0	0	0	0	0,000	0
Material TEST_UNTEREBENE	0	0	0	0,000	ST						0	0	0	0	0,000	0
Material UNTERSCHALE	1	0	0	0,000	ST						0	0	0	0	0,000	0
Material VERPACKUNG	0	0	0	0,000	ST						0	0	0	0	0,000	0
Material VORPLATTE CR01	10	0	0	0,000	ST						0	0	0	0	0,000	0
Material WBZ_1_1	2	1	3	0,000	ST						0	0	0	0	0,000	0
Material WBZ_2_1	2	1	3	0,000	ST						0	0	0	0	0,000	0
Supplier 0000000001 Test B		1	3	0,000	ST						0	0	0	0	0,000	0
Info record 5300000622	2	1	3	0,000	ST						0	0	0	0	0,000	0
Supplier 0000088889 Meyer		1	3	0,000	ST						0	0	0	0	0,000	0
Info record 5300000621	2	1	3	0,000	ST						0	0	0	0	0,000	0
Material WBZ_2_2	3	1	5	0,000	ST						0	0	0	0	0,000	0
Material WBZ_3_1	4	1	5	20,000	ST						3	3	0	0	0,000	0
Supplier 0000088889 Meyer		1	5	20,000	ST						3	3	0	0	0,000	0
Info record 5300000602	2	1	5	20,000	ST						0	0	0	0	0,000	0
Purchase order 45000		1	5	4,000	ST	26.06.2009	25.06.2009	28.06.2009	comp.		3					
Goods receipt 500		1	5	4,000	ST			28.06.2009								
Purchase order 45000		1	5	2,000	ST	27.06.2009	25.06.2009	29.06.2009	comp.		4					
Goods receipt 500		1	5	2,000	ST			29.06.2009								
Purchase order 45000		1	5	4,000	ST	30.06.2009	25.06.2009	30.06.2009	comp.		5					
Goods receipt 500		1	5	1,000	ST			30.06.2009								
Goods receipt 500		1	5	1,000	ST			29.06.2009								
Goods receipt 500		1	5	2,000	ST			30.06.2009								
Purchase order 45000		1	5	1,000	ST	01.07.2009	25.06.2009	30.06.2009	comp.		5					
Goods receipt 500		1	5	1,000	ST			30.06.2009								
Purchase order 45000		1	5	9,000	ST	02.07.2009	30.06.2009	02.07.2009	open		2					
Material WBZ_3_2	3	1	4	17,000	ST						3	5	4	4	0,816	0
Supplier 0000088889 Meyer		1	4	17,000	ST						3	5	4	4	0,816	0
Info record 5300000603	3	1	4	17,000	ST						0	0	0	0	0,000	0
Purchase order 45000		1	4	2,000	ST	26.07.2009	25.06.2009	28.06.2009	comp.		3					
Goods receipt 500		1	4	2,000	ST			28.06.2009								28-
Purchase order 45000		1	4	1,000	ST	28.06.2009	25.06.2009	29.06.2009	comp.		4					1
Goods receipt 500		1	4	1,000	ST			29.06.2009								1
Purchase order 45000		1	4	1,000	ST	01.07.2009	25.06.2009	29.06.2009	comp.		4					0
Goods receipt 500		1	4	1,000	ST			29.06.2009								2-
Purchase order 45000		1	4	2,000	ST	01.07.2009	25.06.2009	30.06.2009	comp.		5					0
Goods receipt 500		1	4	2,000	ST			30.06.2009								1-

Flexible update of material master data including maximum, minimum and average time.

Display settings of master data, e.g. RLT, goods receipt processing time, planned delivery time. Determination of actual planned delivery time, max-, min-, average time, standard deviation and temporal variance to planned delivery time for every single purchase order.

- Reporting will be executed for each material/plant combination for every supplier. Purchasing info records, contracts, scheduling agreements and open purchasing orders will be evaluated for each supplier. Reporting will be aggregated on all superior levels.

Details on SAP's Replenishment Lead Time Monitor



Reporting in RLT-Monitor – in-house production

- Reporting will be executed for each material/plant combination for every production order with its corresponding goods receipt.
- For calculation of replenishment lead time all BOM levels including external procurement of raw materials are considered.
- The representation is similar to external procurement.
- Flexible update of material master data including maximum, minimum and average in-house production time.

Details on SAP's Replenishment Lead Time Monitor



Reporting in RLT-Monitor – in-house production

Flexible update of material master data including maximum, minimum and average time.

System Help

Replenishment lead time in-house production

Hierarchy level	S.	P	Amount	OUn	Startdate	Enddate	open	Pdt	Ipt	GRProcTm	RLT	Is	tot	Min	Max	Avg	Amnt	St.dev
Headmaterial WBZ_0	0	E	2,000	ST				0	5	1	6		21	1	1	1	1	0,000
Production order 000100003450	0	E	2,000	ST	25.06.2009	26.06.2009	comp.					1						
Component WBZ_1	1	E	0,000	ST				0	10	2	12		19	0	0	0	0	0,000
Component WBZ_2_1	2	F	0,000	ST				2	0	1	3		3	0	0	0	0	0,000
Component WBZ_2_2	2	X	8,000	ST				3	4	1	5		7	1	1	1	2	0,000
Production order 000100003452	2	X	4,000	ST	25.06.2009	26.06.2009	comp.					1						
Goods receipt 5000002304 / 0001	2	X	2,000	ST														
Production order 000100003453	2	X	4,000	ST	29.06.2009	30.06.2009	comp.					1						
Goods receipt 5000002303 / 0001	2	X	2,000	ST														
Component WBZ_3_1	3	F	0,000	ST				4	0	1	5		5	0	0	0	0	0,000
Component WBZ_3_2	3	F	0,000	ST				3	0	1	4		4	0	0	0	0	0,000
Component WBZ_1_1	1	F	0,000	ST				2	0	1	3		3	0	0	0	0	0,000
Headmaterial WBZ_1	0	E	0,000	ST				0	10	2	12		19	0	0	0	0	0,000
Component WBZ_2_1	1	F	0,000	ST				2	0	1	3		3	0	0	0	0	0,000
Component WBZ_2_2	1	X	8,000	ST				3	4	1	5		7	1	1	1	2	0,000
Production order 000100003452	1	X	4,000	ST	25.06.2009	26.06.2009	comp.					1						
Goods receipt 5000002304 / 0001	1	X	2,000	ST														
Production order 000100003453	1	X	4,000	ST	29.06.2009	30.06.2009	comp.					1						
Goods receipt 5000002303 / 0001	1	X	2,000	ST														
Component WBZ_3_1	2	F	0,000	ST				4	0	1	5		5	0	0	0	0	0,000
Component WBZ_3_2	2	F	0,000	ST				3	0	1	4		4	0	0	0	0	0,000
Headmaterial WBZ_2_2	0	X	8,000	ST				3	4	1	5		7	1	1	1	2	0,000
Production order 000100003452	0	X	4,000	ST	25.06.2009	26.06.2009	comp.					1						
Goods receipt 5000002304 / 0001	0	X	2,000	ST														
Production order 000100003453	0	X	4,000	ST	29.06.2009	30.06.2009	comp.					1						
Goods receipt 5000002303 / 0001	0	X	2,000	ST														
Component WBZ_3_1	2	F	0,000	ST				4	0	1	5		5	0	0	0	0	0,000
Component WBZ_3_2	2	F	0,000	ST				3	0	1	4		4	0	0	0	0	0,000

Display settings of master data, e.g. In-house production time, planned delivery time, RLT, goods receipt processing time,.. Determination of actual production time, max-, min-, average time, standard deviation as well as RLT over all levels of the BOM .

Thank you!

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