

# SD/Logistics Updating Deliveries

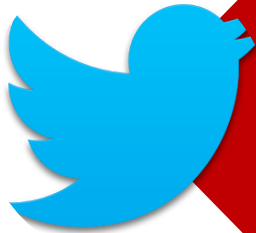
Sigrid Kok | Winshuttle



# Introduction



App – Winshuttle



#WUG2014 – Twitter



SSID – Winshuttle  
Password – wug2014



# Why update Deliveries?



- Customer changes their mind
  - That never happens right?...
- Can't ship the quantity requested
- Can't ship by the requested delivery date
- Swap out older products for newer products
- Update shipping weight or packing-related info
- Foreign Trade information missing
- Block/unblock header or line items
- Get items out in a timely manner, avoiding fines
- How about you? Why do you update Deliveries?



# Delivery Update Topics



## Round Trip - Read/Update

- Extract Item details from Delivery using Transaction
- Update in Excel & Post back to SAP

## Extract - Query

- Extract all Delivery lines for a product in a plant not yet PGI (post goods issue, aka shipped)



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# Round Trip Concept



What does it entail?





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### Takeaways:

- Use Transaction to both Read from and Update SAP
- Must know which Deliveries & Materials



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# Extract



Use a Query to Extract from SAP  
when you don't know the items you need to review

Header Info				Dates						Item and Picking Details					
LIKP.VBELN Delivery	LIKP.VKORG Sales Organization	LIKP.KUNAG Sold-to party	LIKP.KUNNR Ship-to party	LIKP.KODAT Picking Date	LIKP.TDDAT Transportation Planning Date	LIKP.LDDAT Loading Date	LIKP.LFDAT Delivery Date	LIKP.WADAT Planned goods movement date	LIPS.POSNR Delivery Item	LIPS.MATNR Material Number	LIPS.LFIMG Actual quantity delivered (in sales units)	LIPS.VRKM E Sales unit	LIPS.WERK S Plant	LIPS.NTGEW Net weight	
0080015960	1000	3739	3739	10/29/2014	10/30/2014	10/30/2014	10/31/2014	10/31/2014	000020	PA-1001	5.00	pc	1000	5.00	
0080015961	1000	3740	3740	10/22/2014	10/20/2014	10/23/2014	11/7/2014	10/24/2014	000010	PA-1001	10.00	pc	1000	10.00	
0080015961	1000	3740	3740	10/22/2014	10/20/2014	10/23/2014	11/7/2014	10/24/2014	000020	PA-1003	15.00	pc	1000	15.00	



# Extract – Build the Query



Find the Tables, Fields and choose Selection criteria

The screenshot shows the SAP Query Builder interface with four tables selected: [9] LIKP (SD Document: Delivery...), [4] VBUK (Sales Document: Head...), [9] LIPS (SD document: Delivery...), and [3] VBUP (Sales Document: Item Status). A table T006C (Assignment of external units of measure) is highlighted with a red box, showing fields SPRAS (Language K), MSEH6 (Unit of mea), and MSEHI (Unit of Meas).

Output	Selection	Field Description	Technical Name	Selection Type	Where Clause	Required	Lookup Type	Field Size	SAP Type
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delivery	LIKP.VBELN	RunTime	(LIKP.VBELN Between " And ...)	<input type="checkbox"/>	SapOptional	10	CHAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sales Organization	LIKP.VKORG			<input type="checkbox"/>		4	CHAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ship-to party	LIKP.KUNNR			<input type="checkbox"/>		10	CHAR
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sold-to party	LIKP.KUNAG	RunTime	(LIKP.KUNAG = ")	<input type="checkbox"/>	SapOptional	10	CHAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Loading Date	LIKP.LDDAT			<input type="checkbox"/>		8	DATS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Picking Date	LIKP.KODAT			<input type="checkbox"/>		8	DATS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned goods movemen...	LIKP.WADAT			<input type="checkbox"/>		8	DATS

Tip:

Retrieve external UOM, i.e. stored as ST (internal) but use PC (external), by using table T006C



# Extract – Select Run-time Search Criteria



Use flexible run-time search parameters

Run time variable wizard: QueryDeliveryLines.qsq

Material Number *	Between	PA-1000	To	PA-1005
Plant *	=	1000		
Delivery	Between		To	
Sold to party	=			
Delivery Date	Between	Today - 30 MD/YYYY	To	Today + 30 MD/YYYY

\* Required

OK

Make some of the parameters required, as needed  
Default values that may be commonly used, as needed



# Extract – Format Output, as Needed



Use Excel expressions to format data extracted, as needed

S.No	SAP Field Name	Expression	SAP Field Description	Field Type	Field Size	Mapped to column	Excel Expression	Expression Evaluation cell	Transform Original Mapping
3	KUNNR	LIKP.KUNNR	Ship-to party	String	10	E	=value(e3)	ae3	<input checked="" type="checkbox"/>
4	KUNAG	LIKP.KUNAG	Sold-to party	String	10	D	=value(d3)	ad3	<input checked="" type="checkbox"/>

Using the VALUE function, the Ship-to/Sold-to Parties change format from 0000003740 to 3740

You can also use functions to derive new columns



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### Takeaways:

- Query lets you extract from SAP without knowing the Delivery document numbers
- Flexible search criteria
- Live lookups in SAP for quick & decisive actions
- Can leverage the output for a Round Trip



# Delivery Update Topics - Review



## Round Trip - Read/Update

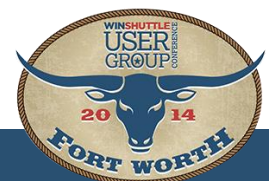
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# Questions?







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