355404 - Why was a delivery split during creation?

Version	11	**Type**	SAP Note
Language	English	**Master Language**	German
Priority	Recommendations / Additional Info	**Category**	Help for error analysis
Release Status	Released for Customer	**Released On**	13.03.2017
Component	LE-SHP-DL (Delivery Processing)		

Please find the original document at **https://launchpad.support.sap.com/#/notes/ 355404**

Symptom

- During the creation of outbound deliveries with order or purchase order reference in collective processing, several deliveries were created from a reference document, or several reference documents were not, as expected, merged into a common delivery.

- For outbound deliveries from projects (transaction CNS0) and for subcontracting (transaction ME2O), and for inbound deliveries (transactions VL31, VL31N, and VL34)one individual delivery is created for each item.

Other Terms

Delivery split, split, VL04, VL10, VL01, VL01N, stock transport order, replenishment delivery, outbound delivery, inbound delivery, VL31N, VL31, ME2O, CNS0, collective processing, multiple processing

Reason and Prerequisites

It is not immediately clear why the system has carried out a delivery split.

Solution

See SAP Note 546668 for the reasons for a delivery split. Use the attached analysis report to quickly check the header data of two deliveries and their partners for possible deviations. The report returns a list of conflicting header data of each other and thereby provides indications as to which data could have led to a split. Some of the fields that can typically cause a delivery split are highlighted in red in the list.

Note the following:

- Subsequently, it cannot be determined with complete accuracy how the split was caused:

    - Manual changes to the document cannot be recognized.

    - Some delivery fields are redetermined only after the merging capability check, so that they do not lead to a split even if they are different.

- Whether a split occurs for a delivery creation also depends on the type of the predecessor document. For deliveries with order reference, alternative dates are not a splitting reason. However, for deliveries with purchase order reference, however, different delivery dates can lead to a split.

- Different partners always cause a delivery split.

Software Components

Software Component	Release
SAP_APPL	40A - 40B
SAP_APPL	45A - 45B
SAP_APPL	46A - 46B
SAP_APPL	46C - 46C
SAP_APPL	470 - 470
SAP_APPL	500 - 500
SAP_APPL	600 - 600
SAP_APPL	602 - 602
SAP_APPL	603 - 603
SAP_APPL	604 - 604
SAP_APPL	605 - 605
SAP_APPL	606 - 606
SAP_APPL	616 - 616
SAP_APPL	617 - 617
SAP_APPL	618 - 618

Correction Instructions

Software Component	From	To	Version	Changed on	ID
SAP_APPL	40A	618	10	13.03.2017 16:19:16	0000215993

Other Components

Component	Description

MM-PUR-GF-SC	Subcontracting
LE-SHP-DL-STO	Stock-Transfer-Order
PS-MAT-DLV	Delivery

This document refers to

SAP Note/KBA	Title
546668	FAQ: Delivery split when creating deliveries
443078	Delivry split because of upper and lower case in field INCO2
423149	Unwanted delivery split for missing mandatory partners
399912	Split analysis activation during delivery creation
377501	Delivery split with backlogged delivery date
339412	VL04,ME2O,CNS0,MBRL: Unwanted delivery split
155565	VL04, ME2O, CNS0, MBRL: Undesired delivery split
114724	Dely split not required f. wage provision delivs.

This document is referenced by

SAP Note/KBA	Title
1461604	Delivery Split Occurs
2397955	Outbound Delivery does not split based on shipping points
443078	Delivry split because of upper and lower case in field INCO2
377501	Delivery split with backlogged delivery date
399912	Split analysis activation during delivery creation
546668	FAQ: Delivery split when creating deliveries
423149	Unwanted delivery split for missing mandatory partners
155565	VL04, ME2O, CNS0, MBRL: Undesired delivery split
339412	VL04,ME2O,CNS0,MBRL: Unwanted delivery split
114724	Dely split not required f. wage provision delivs.