



Checklist EDL - Requirements

Integration into the forwarding logistics at SEBN

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EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 1 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
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Table of contents

1	INTRODUCTION	3
1.1	GRAPHICAL ROUGH REPRESENTATION OF THE MESSAGE FLOW	4
1.2	GRAPHICAL ROUGH REPRESENTATION OF THE MESSAGE FLOW KSK ABWICHLUNG	5
2	DFÜ - COMMUNICATION	6
2.1	REQUIREMENTS	6
3	GOODS RECEIPT PROCESSING	6
3.1	EDL RECEIVES MAT DATA	6
3.2	EDL SENDS GOODS RECEIPT CONFIRMATION	6
4	OUTSOURCING VIA SHIPPING NOTIFICATION BY SEBN	7
4.1	REQUIREMENTS	7
5	OUTSOURCING PER DAILY CALL-OFF OR JIT	7
5.1	REQUIREMENTS	7
6	GOODS ISSUE PROCESSING	8
6.1	REQUIREMENTS	8
6.2	NOTES	8
6.3	EXAMPLE OF A DELIVERY BILL ACCORDING TO VDA 4913 OPERATION TYPE 36 (DISPATCH NOTIFICATION)	9
7	KSK DEVELOPMENT	10
7.1	Sentence structure	10

EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 2 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



Introduction

The main task of the EDL is to take over the warehousing of finished products originally handled at and by SEBN and to ensure on-time delivery to the end customer.

The following checklist addresses the key requirements that an external service provider must meet in order to be integrated into this new forwarding logistics at Sumitomo Electric Bordnetze.

The requirements describe the minimum scope that an EDL has to fulfill so that the logistical processes can be supported by an EDP system. Detailed questions are to be clarified between Sumitomo Electric Bordnetze and the respective EDL / forwarder.

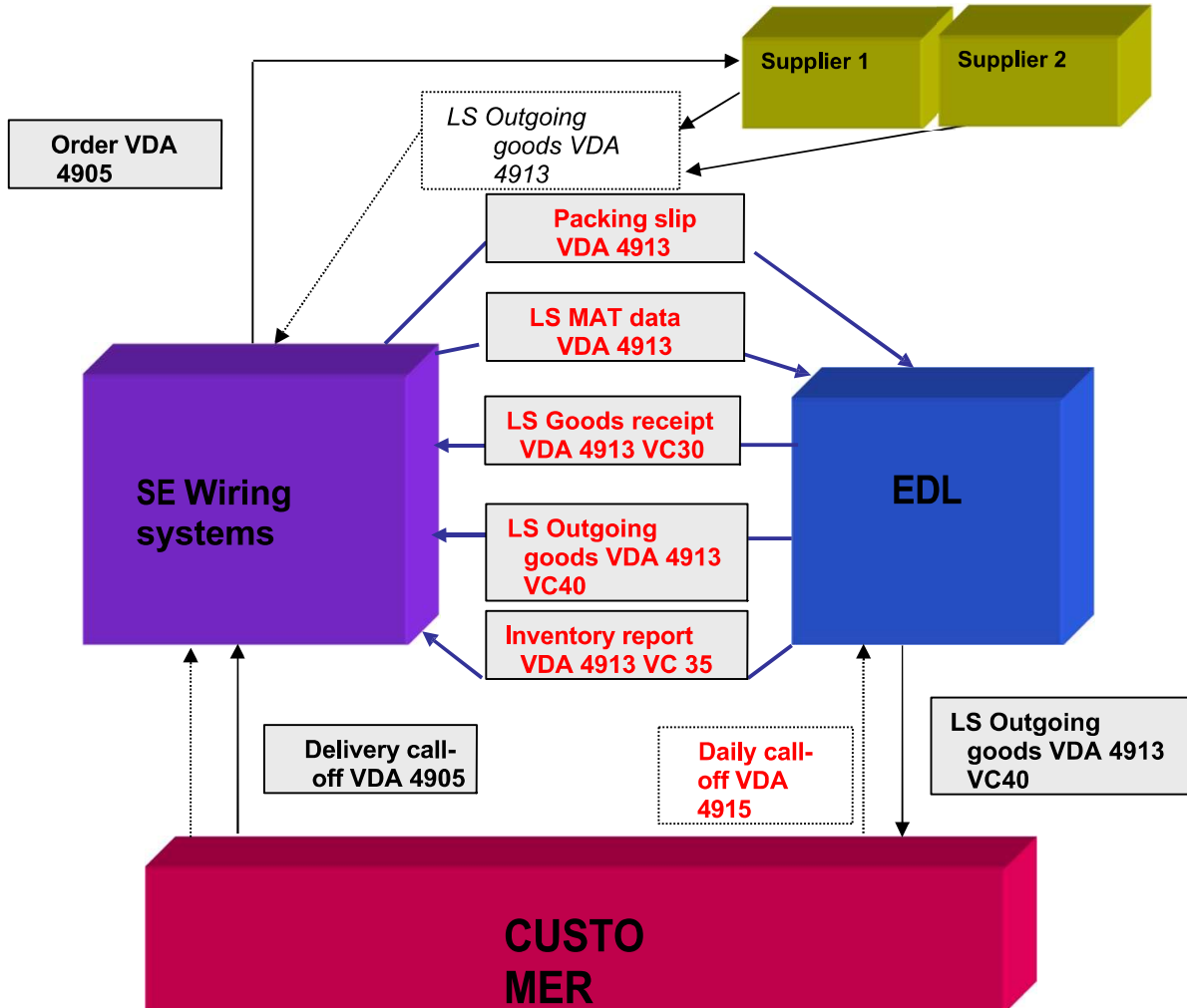
EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 3 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



Checklist EDL - Requirements

1.1 Graphical rough representation of the message flow

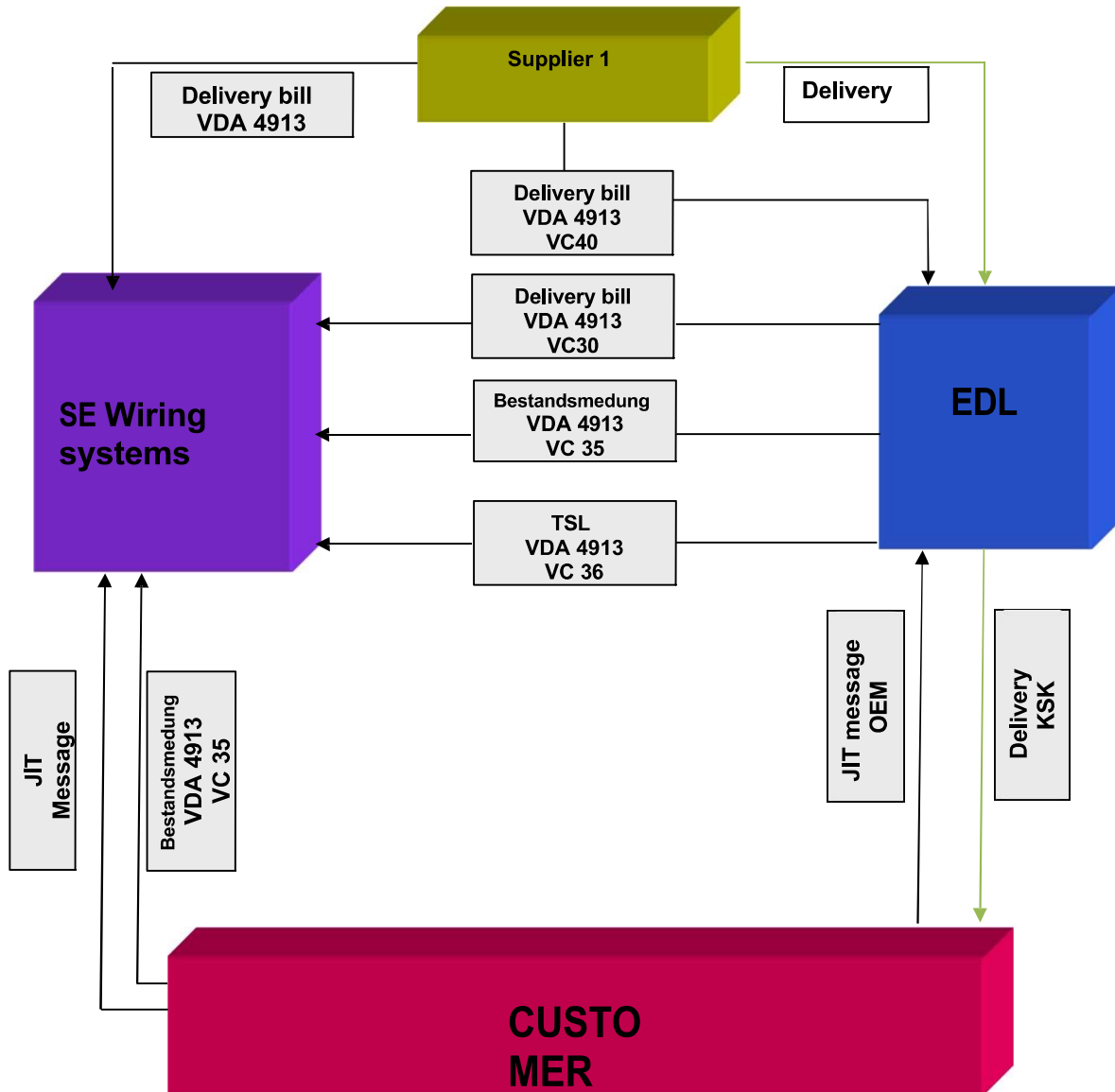
The message flows concerning this specification are marked in red.



EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 4 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



1.2 Graphical representation of the message flow in KSK processing



EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 5 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



2 RDT - Communication

2.1 Requirements

Communication and data exchange via remote data transmission is to be handled by *Odette File Transfer Protocol (OFTP)*.

3 Goods Receipt Processing

3.1 EDL receives MAT- data

Accompanying the shipment of goods, the EDL shall receive a delivery bill - EDI, either from the supplier directly or via forwarding from Sumitomo Electric Bordnetze. The EDI message is created in the format VDA 4913.

3.2 EDL sends goods receipt confirmation

After the goods delivered by the supplier have been placed in storage, the EDL shall send a delivery bill - EDI in accordance with VDA 4913 VC 30 to Sumitomo Electric Bordnetze as confirmation of receipt.

Quantity differences between delivered and stored goods must be listed in the GR confirmation.

EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 6 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



4 Removal from storage via dispatch notification by SEBN

4.1 Requirements

At Sumitomo Electric Bordnetze, packing slips are created for the removal of the goods to the end customer. These are transmitted to the EDL as a retrieval request (dispatch notification) via EDI message in the EDIFACT format KANBAN / DELJIT and must be further processed in the system there.

The packing slip number represents the order reference number. Since the open packing slip items generate a "QUANTITY IN DELIVERY" in the system at Sumitomo Electric Bordnetze, this order reference must be reported back from the dispatch note at a later time, when the goods have been delivered, as part of the goods issue confirmation at item level.

The EDL delivers the quantity per article requested in the Kanban packing slip to the end customer on time.

5 Retrieval per JIT delivery schedule or JIT

5.1 Requirements

Numerous items are not delivered to the end customer at Sumitomo Electric Bordnetze via packing slip logic. Instead, the retrieval of these parts is to be handled on the basis of a JIT call-off. Consequently, the EDL must receive an EDI message in VDA format 4915 or JIT EDI message in VDA format 4916 or VD 4984 (Volkswagen).

The EDL receives the JIT delivery schedule directly from the customer. If necessary, Sumitomo Electric Bordnetze will forward a copy of its own JIT call-off or JIT call-off received from the end customer to the EDL via RDT. The format is still VDA-4915, VDA -4916 or VDA 4984.

The EDL delivers the quantity per article requested by the end customer in the JIT call-off on schedule.

EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 7 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



6 Goods issue processing

6.1 Requirements

Accompanying the delivery of goods to the customer, the EDL shall prepare a delivery bill - EDI, which is received by Sumitomo Electric Bordnetze. This outgoing confirmation is to be prepared in the format VDA 4913.

The VDA record type 711 must contain a "1" at position 58 as EDL - indicator. The transaction key in VDA record type 713, position 43-44 must be marked with 36.

Furthermore, the following information must be included in the WA confirmation:

- **Delivery note number of the forwarder to the consignee** (record type 713)
- **Delivery date** (record type 713)
- **DFÜ plant no. of the customer** (record type 713)
- **DFÜ unloading point of the customer** (record type 713)
- **DFÜ-item number of the customer** (record type 714)
- **XPPS - part number SEBN** (record type 714)
- **Quantity delivered** (record type 714)
- **Internal customer number** (record type 711+ 713)
- **Supplier number at customer** (record type 711+ 713)

6.2 Notes

DFÜ plant no. and DFÜ unloading point of the customer

This data must be inserted into the delivery bill by the EDL. The corresponding values are provided by SEBN's logistics department.

The supplier number of the customer, the customer number and the supplier number of the original supplier (from the sent delivery bill EDI) must also be entered.

DFÜ part number of the customer (external part number)

Since the delivery bill sent by the supplier or SEBN does not contain an external part number (customer part number), the EDL must be able to allocate the SEBN part number sent (internal) to the customer part number to be delivered (external). For this purpose he needs a tabular list of all parts with internal and external part numbers from the logistics department of SEBN. It is important that changes (drawing status, model change) are immediately coordinated between the logistics department and the EDL. The EDL then sends the dispatch notification according to VDA 4913 with external and internal part number.

EDL Requirements V2_2.docx	Requirements for the EDL	Author: Andriy Petryk	Page 8 from 10
Version as of 2.2	Valid from 06.03.2019	Version as of 2.0	Created: 06.03.2019
File:			Printing: 30.08.2023
Sumitomo Electric Bordnetze GmbH			



Checklist EDL - Requirements

6.3 Example of a delivery bill according to VDA 4913 operation type 36 (dispatch notification)

The data to be used by the EDL are printed in bold (with example values). VDA 4913 must be observed when preparing the data.

Record type	Position	Job	Description	Value
711	1,2		ok	
	3	6-14	Receiver	10154
	4	15-23	Transmitter	51936
	5,6		ok	
	10	58	EDL license plate	1
712	1,2,3		ok	
	4,5		?	
	6	31-36	Handover date	According to
	7	37-40	Handover time	According to
713	1,2		ok	
	3	6-13	Delivery bill no.	corresponding to > 0
	4	14-19	Shipping date	According to
	5	20-24	Unloading point	DT01
	6	25-26	Shipping method	According to
	11	49-51	Customer factory	L01
	13	60-68	Ship-to party	10154
	16	77-85	Supplier no.	51936
714	3	6-27	Part number customer	According to
	4	28-49	Part number SEBN	According to
	6	53-65	Delivery quantity	According to
	22	121-128	Supplier of origin	corresponding, e.g. 70289



7.KSK Processing

7.1 Sentence structure

711	1,2		ok	
	3	6-14	Receiver	10154
	4	15-23	Transmitter	51936
	5,6		ok	
	10	58	EDL license plate	1
712	1,2,3		ok	
	4,5		?	
	6	31-36	Handover date	According to
	7	37-40	Handover time	According to
713	1,2		ok	
	3	6-13	Delivery bill no.	corresponding to > 0
	4	14-19	Shipping date	According to
	5	20-24	Unloading point	DT01
	6	25-26	Shipping method	According to
	11	49-51	Customer factory	L01
	13	60-68	Ship-to party	10154
	16	77-85	Supplier no.	51936
714	3	6-27	Part number customer	According to
	4	28-49	Part number SEBN	According to
	6	53-65	Delivery quantity	According to
	22	121-128	Supplier of origin	corresponding, e.g. 70289
718	1,2		ok	
	3	6-13	Delivery bill no.	corresponding to > 0
	4	14-23	Production no. 1	According to
	5	24-33	Production no. 2	According to
	6	34-43	Production no. 3	According to
	7	44-53	Production no. 4	According to
	8	54-63	Production no. 5	According to
	9	64-73	Production no. 6	According to
	10	74-83	Production no. 7	According to
	11	84-93	Production no. 8	According to
	12	94-403	Production no. 9	According to
	13	104-113	Production no. 10	According to
	14	114-123	Production no. 11	According to