

eData - Documentation and User guide

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Versioning

Version	date	changes	Changes by
1.2	29. July 2005	Initial version	Nicol Walder
1.3	3 April 2012	Added detailed file structure	Thomas Tscherter
1.4	9 Jan 2014	Corrected mistakes in data structure examples	Thomas Tscherter
1.5	9. March 2016	Added documentation for ORDRSP reason and currency code handling	Thomas Tscherter
1.6	7. May 2018	Corrected mistake in data structure example of Order Acknowledgement, Changed documentation structure	Johanna Allgoewer
1.7	8.Nov. 2018	Added timestamp in filename Enable eData format for US usage: - Change in checks of mandatory fields - added UOMs and mex Peso	Thomas Tschertre
1.8	25.May 2020	Enable eData format for US usage: - Change in checks of mandatory fields - 2 additional optional carrier fields in the DESADV.	Thomas Tschertre

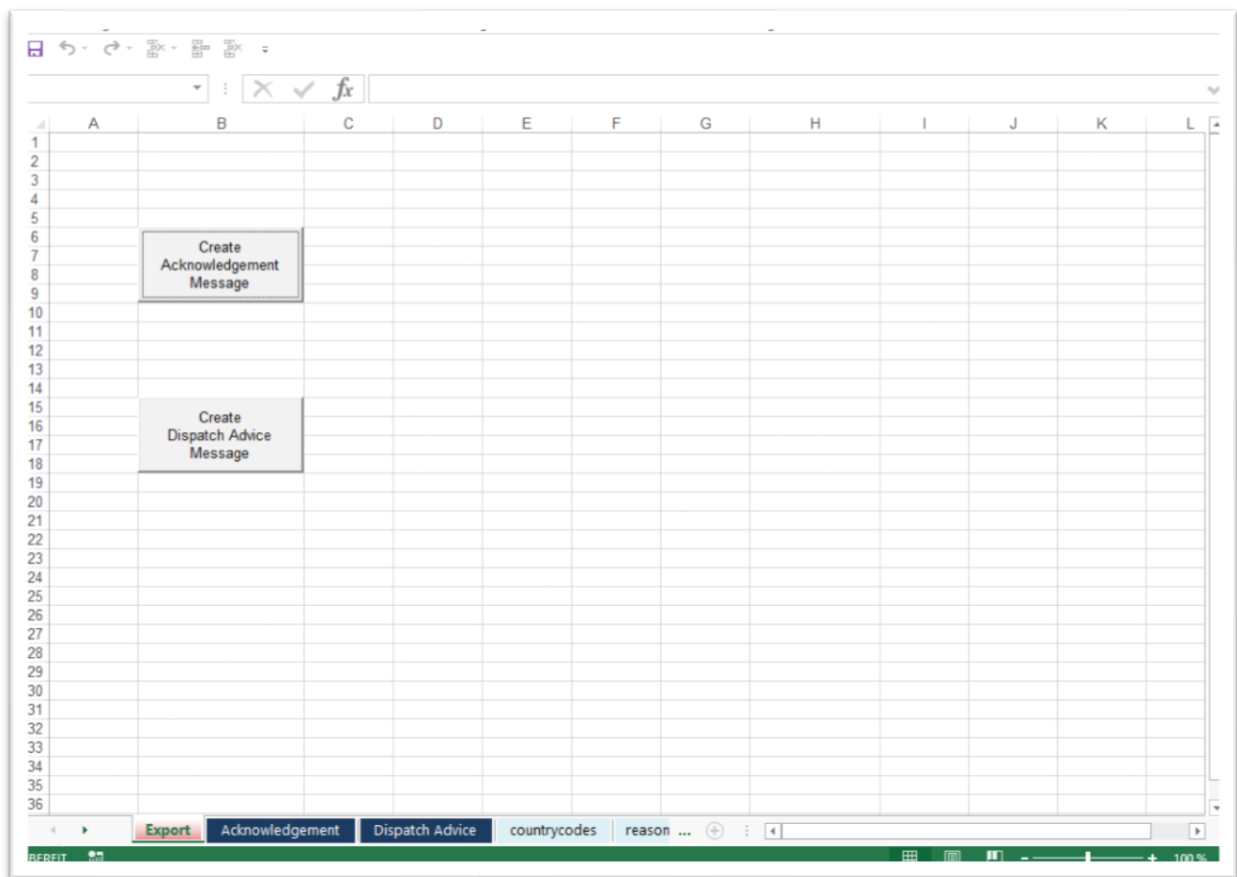
Introducing

eData is an Excel Application to give suppliers the possibility to handle purchase order acknowledgements and shipping advices easily.

With small modifications the supplier can create CSV files, load them to Excel and convert them to the requested eData structures.

It's then not necessary to send or fax paper-acknowledgements or shipping-advices. The supplier can send the generated data file directly by eMail. It saves much time and money on both sides.

eData Tool - Overview



Picture of the eData Tool – Export-Tab. These buttons have to be pressed after you entered the data either in the acknowledgement tab or dispatch advise tab

Important Note: You need to enable Macros in your Excel and set the security to mid. Otherwise the program won't run!

Data fields

Below you may find a general description of the fields for Order-Acknowledgements.
You also find a picture of a standard order where you can find these fields.

	Field description	Numeric-field or Alphanumeric-field	Size of field	Data entry	Further information and description
1	Supplier Number (yours at TSS)	Num	8	503	Our Supplierno, can be found at 1
2	Order Number	Num	8	306305	Our Ordeno, can be found at 2
3	Order-Type (OP/OM/OD)	alpha Num	2	OP	Our OrdenoType, can be found at 3
4	Order Line	Num	6,3	10	Our Orderline, can be found at 4
5	Item Number (TSS)	alpha Num	25	YJYD000155A7MMR	Our Articlerno, can be found at 5
6	Short Number (TSS)	Num	8	1234567	Our Shortno, can be found at 6
7	Receiving date at TSS	Date YY/MM/DD	8	05/04/20	The receiving date at TSS = your shipping of goods + freight time (not Saturday or Sunday), Our requested date can be found at 10
8	Price per PC/CM	Num	12,4	0,2400	Price in agreed currency. Per piece or centimeter - other Units are not accepted and need to be converted by supplier. Our order price can be found at 7
9	Quantity	Num	9	20000	Qty, can be found at 8
10	Unit of Measure (PC/CM)	alpha Num	2	PC	Cm or Pc Unit, can be found at 9
	Aknowledgement Number	alpha Num	25	1234ABC5678	Your acknowledgement no, necessary for further conversation
	Supplier free Text	alpha Num	60	Hello World	For your own use to give further information: expl. Why Price changed, Qty changed, Capacity.
	Early warning reason code	alpha Num	1	E	This field is used to communicate the reasons for shifted delivery dates in cases of reacknowledgment. In case of first acknowledgment, leave this field empty (you may find the meaning of the codes on the separate excel sheet "reasoncodes")
	Currency	alpha Num	3	USD	Currency of the transmitted price (allowed values can be found in the sheet "currency")

Example of a Trelleborg Sealing Solutions order

Here you can see where to find the previous mentioned fields



Trelleborg Sealing Solutions Germany
GmbH, P.O.Box 800206, D-70502 Stuttgart

Trelleborg Sealing Solutions Condé
Rue des Léopards
Zone Artisanale Charles Tellier
14110 Condé Sur Noireau
France

Ship to:
Trelleborg Sealing Solutions
Germany GmbH
c/o Kuehne + Nagel(AG & Co.) KG
Max-Planck-Strasse 5
71116 Gärtringen
Germany

PURCHASE ORDER

Page
Supplier number
Order number
Order date
Our VAT-ID DE119553041

1
875
OP 1078722
22.09.15

Pos	TSS Article Number Specification	Quantity open	QU	Curr	Price per unit	Req.date at TSS
001,000	ORYF003008N6I08 08500C0000A20B6 O-Ring Dimension(s): 85,0 x 2,0 Item classification: 0 MTO 6- Drawing no.: 83442 B	10	PC	EUR	12345,1234 Amount:	12.11.15 123451,2340
	TSS#number: 6945109					

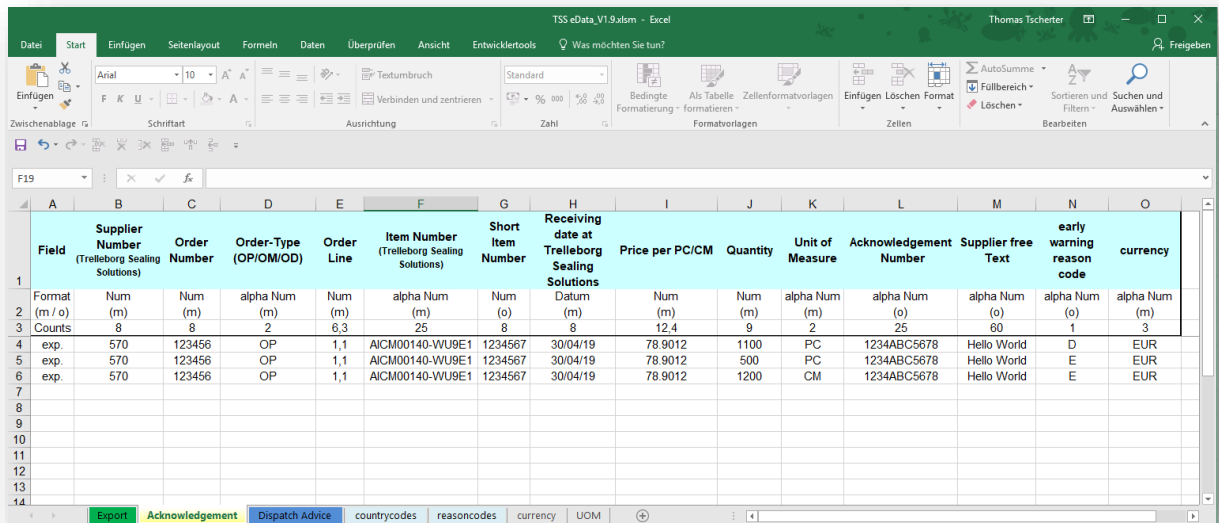
Term of payment:
net 15.of the following month

Total:
EUR 100,00

Yours faithfully,
Trelleborg Sealing Solutions (Document is valid without signature.)

The contractual relationship between the Parties shall be governed by the new General Conditions of Purchase of the Buyer, valid from the 1st of August 2012. The General Conditions of Purchase are freely retrievable via Internet at www.tss.trelleborg.com/de

eData Tool – Acknowledgment

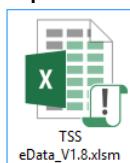


Field	Supplier Number (Trelleborg Sealing Solutions)	Order Number	Order-Type (OP/OM/OD)	Order Line	Item Number (Trelleborg Sealing Solutions)	Short Item Number	Receiving date at Trelleborg Sealing Solutions	Price per PC/CM	Quantity	Unit of Measure	Acknowledgement Number	Supplier free Text	early warning reason code	currency
Format (m / o)	Num (m)	Num (m)	alpha Num (m)	Num (m)	alpha Num (m)	Num (o)	Datum (m)	Num (m)	Num (m)	alpha Num (m)	alpha Num (o)	alpha Num (o)	alpha Num (o)	alpha Num (m)
Counts	8	8	2	6,3	25	8	8	12,4	9	2	25	60	1	3
4 exp.	570	123456	OP	1,1	AICM00140-WU9E1	1234567	30/04/19	78.9012	1100	PC	1234ABC5678	Hello World	D	EUR
5 exp.	570	123456	OP	1,1	AICM00140-WU9E1	1234567	30/04/19	78.9012	500	PC	1234ABC5678	Hello World	E	EUR
6 exp.	570	123456	OP	1,1	AICM00140-WU9E1	1234567	30/04/19	78.9012	1200	CM	1234ABC5678	Hello World	E	EUR

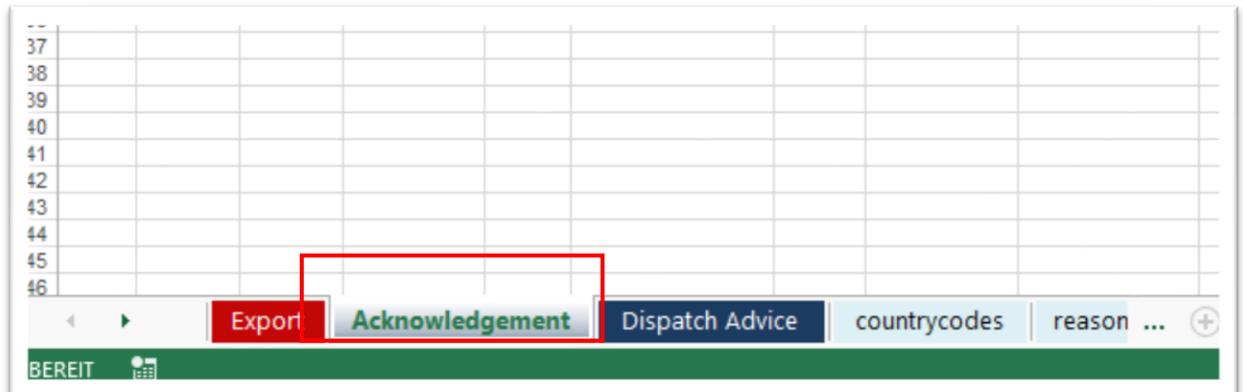
Picture of the eData Tool - The **Acknowledgement-Tab** with an example of Data content. Data have to be filled out starting at column 4. Your IT User can help you to extract data from your system in this field, so it's easy to import and export the relevant data.

Example for Acknowledgement

1. Open the Excel-Tool.



- Go to the Acknowledgement–Tap

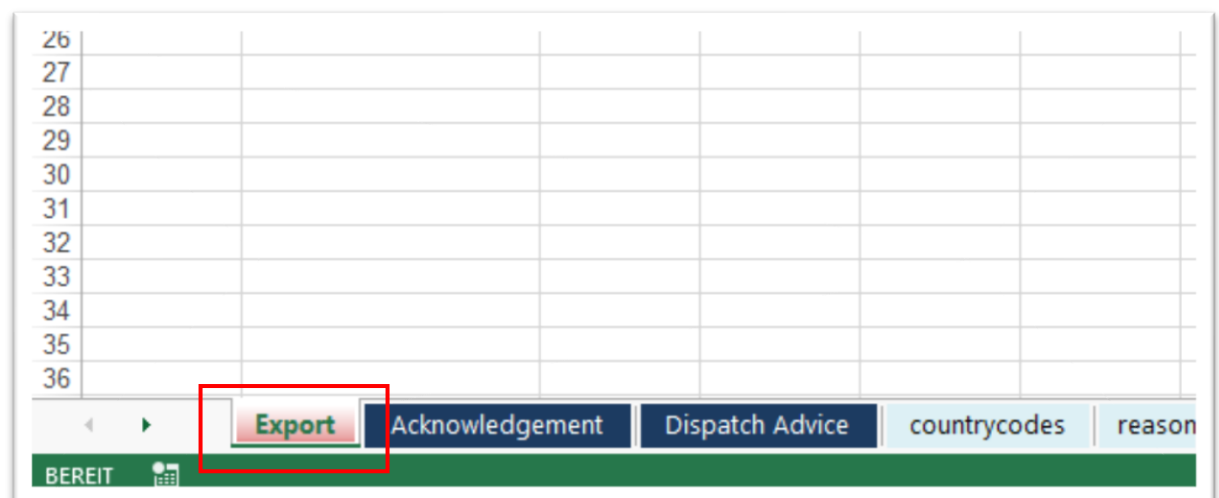


- Enter the relevant Data into the requested fields.
It starts at column B line 4.

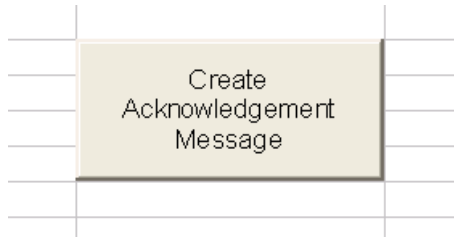
Field	Supplier Number (Trelleborg Sealing Solutions)	Order Number	Order (OP/C
Format	Num	Num	alph
m / o)	(m)	(m)	(
Counts	8	8	
exp.	570	123456	(
exp.	570	123456	(
exp.	570	123456	(

Take care that the data you entered is in the right format(Numeric, Alphanumeric) and the right size.

- Go back to Export–Tap



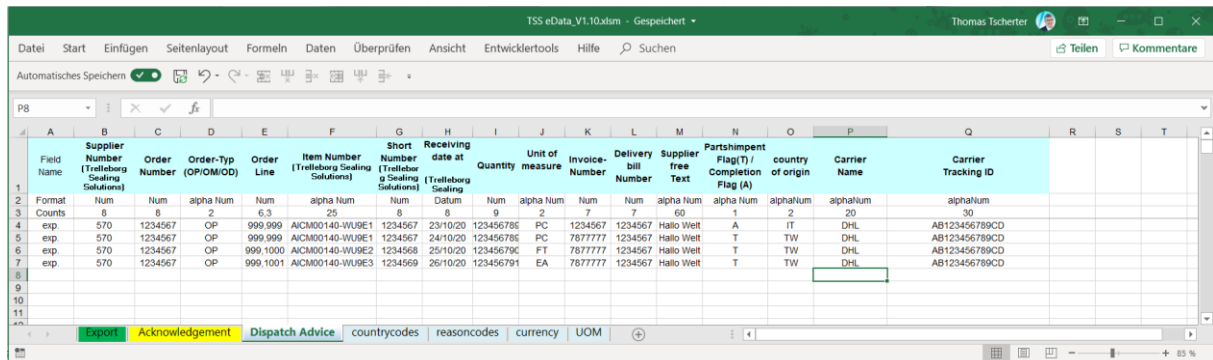
and press the „**Create Acknowledgement Message**” button.



5. Now the program is checking if the data you've entered was correct.
6. Now it brings up a ^Save File~ Dialog box..
The file named like ^ORDRSP050420.txt~
ORDRSP = Order-Response; 050420 = Creation-Date.
7. If an error occurs, the program will tell you what and where. Change this data and press then the button again.
8. Send this file to the separately given Email-address.
9. finished

Do the same with the Dispatch Advise

eData Tool – Dispatch Advise



Field Name	Supplier Number (Trelleborg Sealing Solutions)	Order Number	Order-Typ (OPIOM/OD)	Order Line	Item Number (Trelleborg Sealing Solutions)	Short Number (Trelleborg Sealing Solutions)	Receiving date at	Quantity	Unit of measure	Invoice-Number	Delivery bill Number	Supplier free Text	Partshimpent Flag(TT) Completion Flag (A)	country of origin	Carrier Name	Carrier Tracking ID
Format	Num	Num	alpha Num	Num	alpha Num	Num	Datum	Num	alpha Num	Num	Num	alpha Num	alpha Num	alpha Num	alpha Num	alpha Num
Counts	6	6	2	6,3	alpha Num	Num	8	Num	2	7	7	60	1	2	20	30
exp.	570	1234567	OP	999.999	ACIM00140-WU9E1	1234567	23/10/20	123456786	PC	1234567	1234567	Hallo Welt	A	IT	DHL	AB123456789CD
exp.	570	1234567	OP	999.999	ACIM00140-WU9E1	1234567	24/10/20	123456786	PC	7877777	1234567	Hallo Welt	T	TW	DHL	AB123456789CD
exp.	570	1234567	OP	999.1000	ACIM00140-WU9E2	1234568	25/10/20	123456790	FT	7877777	1234567	Hallo Welt	T	TW	DHL	AB123456789CD
exp.	570	1234567	OP	999.1001	ACIM00140-WU9E3	1234569	26/10/20	123456791	EA	7877777	1234567	Hallo Welt	T	TW	DHL	AB123456789CD

Picture of the eData Tool - **The Dispatch-Advise-Tab** with an example of Data content. Data have to be filled out starting at column 4. Your IT User can help you to extract data from your system in this field, so it's easy to import and export the relevant data

Attachment “Details of file structures”

The XLS sheets ensure proper data format and also take care for the mandatory fields. If you decide to design the structure without usage of XLS the following chapter gives you an overview of the fields and their format.

Data structure of Order Acknowledgement:

Position	Length / Format	Value	Alignement / Format details	Example
1	1 [an]	"R" fixed		"R"
2	8 [n]	Supplier number	right aligned with leading zeros	"00000503"
10	8 [n]	TSS order Number	right aligned with leading zeros	"00886889"
18	2 [an]	TSS order type		"OP"
20	7 [an]	Order line	7 digits, 3 digits after decimal point for sublines	"001.000"
27	25 [an]	TSS item number	Left aligned	"TRYD000840VCBMR"
52	9 [n]	TSS item short number	right aligned with leading zeros (including Parity check digit on last position)	"007442825"
61	6 [n]	Receiving date at Trelleborg Sealing Solutions	YYMMDD	"120326"
67	13 [n]	Price per PC / CM	13 digits, 4 digits after decimal point	"00000012.7165"
80	9[n]	Quantity	right aligned with leading zeros	"000001000"
89	2 [an]	UOM (allowed values are PC and CM)		"PC"
91	25 [an]	Acknowledgment Number	Left aligned	"OC120215"
116	59 [an]	Free text of supplier *		
176	1 [an]	Early warning reason code		„A“
177	3[an]	Currency code for the transmitted price		"EUR"
180	CRLF			

*Any kind of text will not be handled automatically. Please ensure to inform TSS on a separate way (not only EDI) in case of relevant information

Example File Order Acknowledgment:

R0000073300982967OP001.000OR1601910-N7023	00397242914022100000000.1111000250000PC13.010931	0001	BEUR
R0000073300982967OP002.000ORAR00122-N7023	00459757114022100000000.2222000050000PC13.010931	0002	AEUR
R0000073300982967OP003.000ORAR00211-V8006	00459945214011700000000.3333000002000PC13.010931	0003	EUR
R0000073300982967OP004.000OR3004420-N7023	00612293114030700000000.4444000590000PC13.010931	0004	EEUR
R0000073300982967OP005.000ORAR00116-N7023	00614596514022100000000.5555000010000PC13.010931	0005	EUR
R0000073300982967OP006.000ORA204921-N7023	00647324314011700000000.6666000010000PC13.010931	0006	EEUR
R0000073300982967OP007.000ORAR00166-N7023	00647422514022100000000.7777000001800PC13.010931	0007	EUR

Data structure of **Dispatch Advice**:

Position	Length / Format	Value	Alignement / Format details	Example
1	1 [an]	"A" fixed		"A"
2	8 [n]	Supplier number	right aligned with leading zeros	"00000503"
10	8 [n]	TSS order Number	right aligned with leading zeros	"00886889"
18	2 [an]	TSS order type		"OP"
20	7 [an]	Order line	7 digits, 3 digits after decimal point for sublines	"001.000"
27	25 [an]	TSS item number	Left aligned	"TRYD000840VCBMR "
52	9 [n]	TSS item short number	right aligned with leading zeros (including Parity check digit on last position)	"007442825"
61	6 [n]	Receiving date at Trelleborg Sealing Solutions	YYMMDD	"120326"
67	9[n]	Quantity	right aligned with leading zeros	"000001000"
76	2 [an]	UOM (allowed values are PC and CM)		"PC"
78	1 [n]	Identifier	"0" in case of delivery bill number in next field "1" in case of invoice number in next field	
79	7 [n]	Invoice number OR delivery bill number	Left aligned	"OC120215 "
86	60 [an]	Free text of supplier *	Left aligned	
146	1 [an]	Partshipment flag	"T" for partial shipment; "A" for completed shipment	"A"
147	2 [an]	Country of origin	According to ISO Codes in ISO 3166**	"TW"
149	20[an]	Carrier name	Carrier company responsible for the transport of the goods	"DHL"
169	30[an]	Tracking ID of carrier	Tracking ID given by the carrier of the shipment	"AB123456789CD"
199	CRLF			

*Any kind of text will not be handled automatically. Please ensure to inform TSS on a separate way (not only EDI) in case of relevant information

**see http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm



Example File Dispatch Advice:

A00000570	01234567	0H	999.999	AICM00140-WU9E1	001234567	201023	123456789	PC	1234567	Hallo Welt	AT	DHL	AB123456789CD
A00000570	01234567	0H	999.999	AICM00140-WU9E1	001234567	201024	123456789	PC	17877777	Hallo Welt	TT	WDHL	AB123456789CD
A00000570	01234567	0H	999.100	AICM00140-WU9E2	001234568	201025	123456790	FT	17877777	Hallo Welt	TT	WDHL	AB123456789CD
A00000570	01234567	0H	999.100	AICM00140-WU9E3	001234569	201026	123456791	EA	17877777	Hallo Welt	TT	WDHL	AB123456789CD