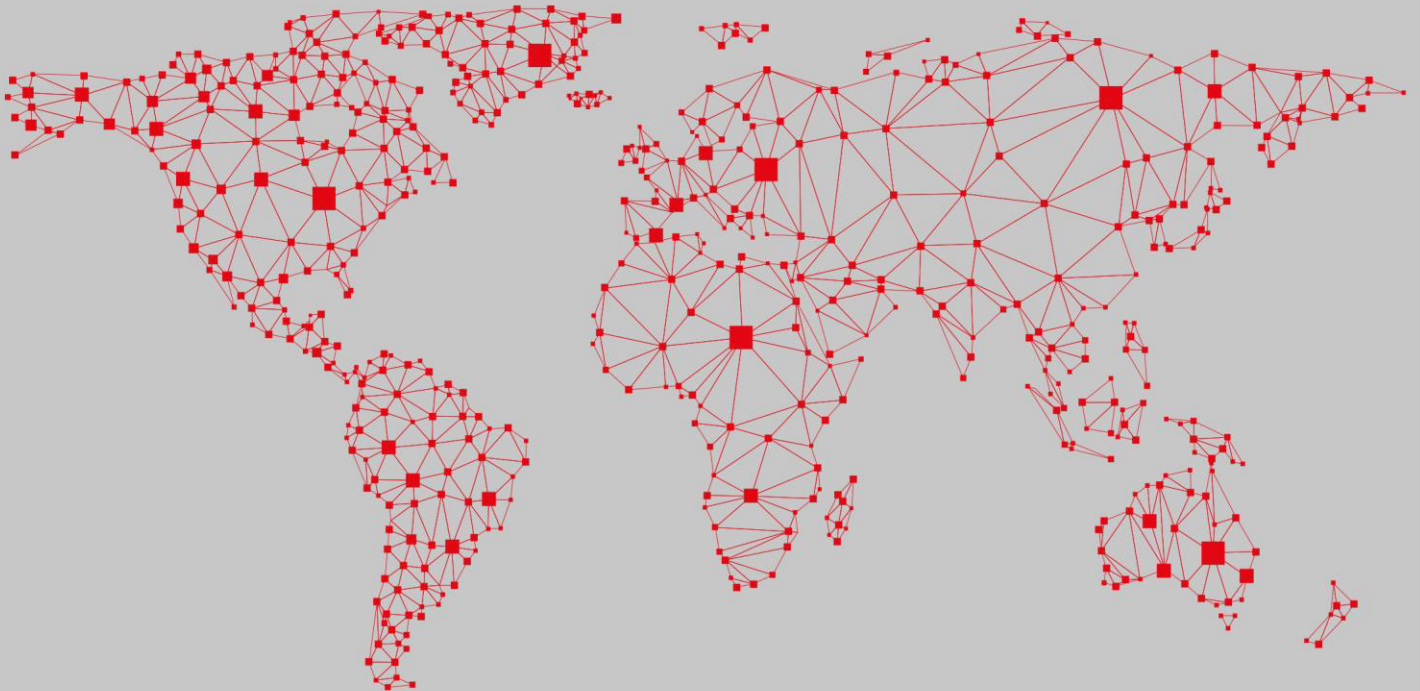


ALPO EVENT XML SCHEMA GUIDE

VERSION 1.0



VERSION OVERVIEW

Date	Version	Change Log	Author
23.06.2025	1.0	Document creation	Sven Ochterbeck

INTRODUCTION

The following XML Schema Guide describes the ALPO OrderIn XML interface with regard to the ALPO response messages / “Event messages”.

It is based on “ALPO_OrderIn_extern_V1_47.xsd,” which is also available as a technical document.

The general functionality of the interface is described in the document “ALPO_General Interface Documentation_V1.0”.

It is possible to connect to a test system to check the implementation of the interface.

Please do not hesitate to contact us if you have any questions.

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Structure

Occurrence	Element/Attribute
	AdvantageEnterpriseVersion0.1
1 .. 1	xs:sequence
1 .. 1	SENDER
1 .. 1	xs:sequence
1 .. 1	ID_SENDERSYSTEM
1 .. 1	SENDER_REFERENZ
1 .. 1	Benutzer_ID
1 .. 1	EMPFANGSSYSTEM
1 .. 1	xs:sequence
1 .. 1	ID_EMPFANGSSYSTEM
1 .. 1	NachrichtenZeitstempel
1 .. 1	xs:sequence
1 .. 1	Tag
1 .. 1	Zeit
1 .. 1	StatusMeldungen
1 .. 1	xs:sequence
1 .. 9999	Statusmeldung
1 .. 1	xs:sequence
1 .. 1	StatusTyp
1 .. 1	StatusAm
1 .. 1	xs:sequence
1 .. 1	Tag
1 .. 1	Zeit
0 .. 1	StatusTypDetails
1 .. 1	xs:sequence
1 .. 999	DetailsZeile
0 .. 1	SENDER_REFERENZ
1 .. 1	EMPFAENGER_REFERENZ
0 .. 1	HafenReferenz
1 .. 1	xs:choice
1 .. 1	BHT
1 .. 1	xs:sequence
1 .. 1	BHT-Referenz
0 .. 1	KopfNummer
0 .. 1	AuftragsPosition
1 .. 1	ZAPP
1 .. 1	xs:sequence
1 .. 1	ZAPP-Referenz
0 .. 1	AuftragStatus
0 .. 1	AuftragStatusText
0 .. 1	StatusDetails
1 .. 1	xs:sequence
1 .. 99	DetailsZeile
0 .. 1	ASumAMRN
0 .. 1	ASumAMRNLFdNr
0 .. 1	ASumAKontrollmassnahmeCode
0 .. 1	ASumAKontrollmassnahmeText
0 .. 1	ASumAKontrollmassnahmePos

Bold = Simple Element, **Bold on grey background** = Complex Element, *Italic* = Attribute, **Grey** = Group

Guideline

Element/Attribute	Annotation	
AdvantageEnterpriseVersion0.1	Type	AdvantageEnterpriseType
xs:sequence	Occurrence	1 .. 1
SENDER	Occurrence	1 .. 1
xs:sequence	Type	SENDERType
ID_SENDERSYSTEM	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	Always = ALPO
SENDER_REFERENZ	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	ALPO order number
Benutzer_ID	Occurrence	1 .. 1
	Type	xs:string
	Description	Eight-digit dbh customer number, which will be provided after setup is completed by dbh.
EMPFANGSSYSTEM	Occurrence	1 .. 1
xs:sequence	Occurrence	1 .. 1
ID_EMPFANGSSYSTEM	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	Eight-digit dbh customer number, which will be provided after setup is completed by dbh.
NachrichtenZeitstempel	Occurrence	1 .. 1
	Type	ZeitstempelType
	Description	Timestamp of the dbh event message.
xs:sequence	Occurrence	1 .. 1
Tag	Occurrence	1 .. 1
	Type	xs:date
	Description	Format: YYYY-MM-DD
Zeit	Occurrence	1 .. 1
	Type	xs:time
	Description	Format: HH:MM:SS
StatusMeldungen	Occurrence	1 .. 1
xs:sequence	Occurrence	1 .. 1
Statusmeldung	Occurrence	1 .. 9999
	Type	StatusmeldungType
xs:sequence	Occurrence	1 .. 1
StatusTyp	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	Specifies the status type of the event. This can be an ALPO receipt or a port system status message.
Applicable Codes		
ACKNOWLEDGE		ALPO receipt
ACKNOWLEDGECANCELOATION		ALPO receipt
APCS		Port system status
BHT		Port system status
DELETED		ALPO receipt
ECS		Port system status
PSA		Port system status
REJECTED		ALPO receipt
ZAPP		Port system status
StatusAm	Occurrence	1 .. 1
	Type	ZeitstempelType
	Description	Timestamp of the port system message.
xs:sequence	Occurrence	1 .. 1
Tag	Occurrence	1 .. 1
	Type	xs:date
	Description	Format: YYYY-MM-DD

Bold = Element, *Italic* = Attribute, **Grey** = Group

ALPO Event Schema Guide

Element/Attribute	Annotation	
Zeit	Occurrence	1 .. 1
	Type	xs:time
	Description	Format: HH:MM:SS
StatusTypDetails	Occurrence	0 .. 1
<i>xs:sequence</i>	Occurrence	1 .. 1
DetailsZeile	Occurrence	1 .. 999
	Type	restriction (xs:string)
	Length	.. 70
	Description	Additional info text about the status.
SENDER_REFERENZ	Occurrence	0 .. 1
	Type	restriction (xs:string)
	Description	ALPO order number
EMPFAENGER_REFERENZ	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	Unique order reference of the receiving system. (Transmitted as <SENDER_REFERENZ> by the client in the ALPO order.)
HafenReferenz	Occurrence	0 .. 1
	Type	StatusmeldungHafenReferenzType
	Description	Indication of the order number of the port system that was addressed.
<i>xs:choice</i>	Occurrence	1 .. 1
BHT	Occurrence	1 .. 1
	Type	StatusmeldungBHTReferenzType
<i>xs:sequence</i>	Occurrence	1 .. 1
BHT-Referenz	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Length	.. 7
	Description	Specification of the BHT/WHT reference.
KopfNummer	Occurrence	0 .. 1
	Type	restriction (xs:string)
	Length	.. 3
	Description	Specification of the header number to the BHT/WHT reference.
AuftragsPosition	Occurrence	0 .. 1
	Type	restriction (xs:string)
	Length	.. 4
	Description	Specification of the position number within the port order of the BHT/WHT reference.
ZAPP	Occurrence	1 .. 1
	Type	StatusmeldungZAPPReferenzType
<i>xs:sequence</i>	Occurrence	1 .. 1
ZAPP-Referenz	Occurrence	1 .. 1
	Type	restriction (xs:string)
	Description	Specification of the ZAPP/EMP reference. Z-/B-/S number.
AuftragStatus	Occurrence	0 .. 1
	Type	restriction (xs:string)
	Length	.. 3
	Description	Specification of the status code of the response. The table with the codes for each port module is available from dbh Support.
AuftragStatusText	Occurrence	0 .. 1
	Type	xs:string
	Description	Status text for the specified status code.
StatusDetails	Occurrence	0 .. 1
<i>xs:sequence</i>	Occurrence	1 .. 1
DetailsZeile	Occurrence	1 .. 99
	Type	restriction (xs:string)
	Length	.. 70

Bold = Element, *Italic* = Attribute, **Grey** = Group

Element/Attribute	Annotation
ASumAMRN	Description Additional info text about the status from the port system. Occurrence 0 .. 1 Type restriction (xs:string) Length .. 18
ASumAMRNLfdNr	Description Transmission of the Exit Summary Declaration MRN if an EXS was created via ALPO. Occurrence 0 .. 1 Type restriction (xs:int) FractionDigits 0 Inclusive 1 .. 999
ASumAKontrollmassnahmeCode	Description EXS goods item number Occurrence 0 .. 1 Type restriction (xs:string) Length .. 4 Description Indication of the customs control measure code. Only for BHT/WHT/ZAPP/EMP Exit Summary Declarations. Applicable Codes D001 P001 R001 S001 X001
ASumAKontrollmassnahmeText	Occurrence 0 .. 1 Type restriction (xs:string) Length .. 100 Description Indication of the customs control measure text. Only for BHT/WHT/ZAPP/EMP Exit Summary Declarations.
ASumAKontrollmassnahmePos	Occurrence 0 .. 1 Type restriction (xs:integer) FractionDigits 0 Inclusive 0 .. 999 Description EXS Item number for which a control measure was triggered by customs. Only for BHT/WHT/ZAPP/EMP Exit Summary Declarations.

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