

Vendor EDI Technical Documentation

TRADACOMS Version 9

B&Q CUSTOMER ORDER

Version: 1.3

Date: March 2021

1.1 B&Q's SAP Retail Customer Ordering

B&Q is making a significant investment in the Easier Project to develop new improved in-store customer ordering system to ensure that we continue to exceed the service expectations of our customers.

Because our business continues to expand at such a significant rate, there is a clear need to handle the increasing customer numbers in a more efficient and effective manner. Furthermore, our service offer is increasingly a key customer measure of our overall brand.

In order to attain our goal of exceeding our customers' expectations we need to:

- Ensure we are able to identify the precise status of the order at all times and thus enable us to monitor order progress.
- Fully support Customer order enquiries, and to pro-actively manage customer service by identifying issues at the earliest opportunity, and
- Introduce adequate controls that link the release of goods to the customer to the actual payment being received.

These measures will ensure that we deliver outstanding customer service – together.

Overall Document Flow

- Purchase order from B&Q to the vendor. This will be transmitted typically on the same day that the customer order is taken at the store.
- Order confirmation by the vendor to B&Q. You should confirm receipt of the purchase order within 24 hours of receiving it.
- Advance shipping notification (ASN) by the vendor to B&Q. You should transmit the ASN 3 days prior to delivery to the customer.
- Home delivery confirmation by the vendor to B&Q. You should transmit confirmation of the final delivery to the customer within 24 hours of the delivery.

This format will be used for new purchase orders, additional purchase orders and outbound remedials.

Please note this format is different to the existing format for replenishment orders (which will also continue to be used by B&Q)

START OF TRANSMISSION SEGMENT - END OF TRANSMISSION SEGMENT

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
			START OF TRANSMISSION	M					
STX	=	STDS	Syntax Rules Identifier	M					
			-Identifier	M	V	X(4)	Value = 'ANA'	X	
		:	-Version	M	F	9(1)	Value = '1'	X	
		+	FROM	Identification of Transmission	M				
Sender Code	C			V	X(14)	B&Q ANA Code - 5013546018962	X		
:		Name	C	V	X(35)	Document Name: CUSTOMER ORDER	X		
+	UNTO	Identification of Transmission	M						
		Recipient Code	M	V	X(14)	Vendor ANA Code			
:		Name	C	V	X(35)	Vendor Name			
	+	TRDT	Date and Time of Transmission	M					
			Date	M	F	9(6)	Format: YYMMDD		
			Time	C	F	9(6)	Format: HHMMSS		
		:							
		+	SNRF	Senders Transmission Reference	M	V	X(14)	Sequential number for each trading partner, incremented by 1 (one) for each file transmitted.	
		+	RCRF	Recipients Transmission Reference	C	V	X(14)		X
+	APRF	Application Reference	M	V	X(14)	'ORDHDR'			
+	PROD	Transmission Priority Code	C	F	X(1)	'B'	X		
END	=		END OF TRANSMISSION	M					
		NMST	No. of Messages in Transmission	M	V	9(5)	Control Count of number of messages in a tape or transmission		

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT				
			MESSAGE HEADER	M								
MHD	=	+	MSRF			9(12)	Consecutive count of messages within the transmission					
			TYPE		M			Type of Message				
				:	M	F	X(6)	'ORDHDR'	X			
			Version Number	M	F	9(1)	'6' for this version	X				
TYP	=		TRANSACTION TYPE DETAILS		M							
			TCDE		M	F	9 (4)	'0430' (New Order) '0440' (Amended Order)	X X			
				:								
		+	TTYP		C	V	X (12)	NULL				
			VENDOR DETAILS		M							
SDT	=	+	SDIN		M			Vendor's Identity Vendor's EAN Location Number				
				:	C	F	9(13)			Vendor ANA Code		
				:	M	V	X(17)			B&Q Vendor Number (up to 7 digits)		
					+	SNAM		M	V	X(40)	Vendor's Legal Trading Name	
			SADD		C				NULL			
				:	C	V	X(35)	Vendor's Address Line 1				
				:	C	V	X(35)	Vendor's Address Line 2				
:	C	V		X(35)	Vendor's Address Line 3							
:	C	V	X(35)	Vendor's Address Line 4								
:	C	V	X(8)	Vendor's Post Code								
VATN		+		Vendor's VAT Registration Number	C			Vendor VAT registration number As allocated by UK HMRC				
		C		F	9(9)	Numeric VAT Registration Number						
		C		V	X(17)	Alphanumeric VAT Registration Number	As allocated by non-UK government dept					

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT		
				CUSTOMER DETAILS	M						
CDT	=		CDIN	Customer's Identity	M						
				Customer's EAN Location Code	C	F	9(13)	B&Q ANA Code - 5013546018962	X		
				: Customer's Identity Allocated by Vendor	C	V	X(17)	NULL			
				+	CNAM	Customer's Name	C	V	X(40)	'B&Q LTD'	X
				+	CADD	Customer's Address	C			NULL	
						Customer's Address Line 1	C	V	X(35)		
						Customer's Address Line 2	C	V	X(35)		
						Customer's Address Line 3	C	V	X(35)		
						Customer's Address Line 4	C	V	X(35)		
						Customer's Post Code	C	V	X(8)		
		+	VATR	Customer's VAT Registration Number	C			NULL			
				Numeric VAT Registration Number	C	F	9(9)				
				Alphanumeric VAT Registrarion Number	C	V	X(17)				

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
DNA	=		DATA NARRATIVE	C				
		SEQA	First Level Sequence Number	M	V	9(10)	NULL	
		+ DNAC	Data Narrative Code	C	V		NULL	
			Code Table Number	C	V	9(4)		
			Code Value	C	V	X(3)		
		+ RETX	Registered Text	C			NULL	
			First Registered Application Code	C				
			Application Text	C	V	X(3)		
			Second Registered Application Code	C	V	X(40)		
			Application Text	C	V	X(3)		
			Third Registered application Code	C	V	X(40)		
			Application Text	C	V	X(3)		
			Fourth Registered Application Code	C	V	X(40)		
		Application Text	C	V	X(3)			
						X(40)		
		+ GNAR	General Narrative	C			NULL	
			General Narrative Line 1	C	V	X(40)		
			General Narrative Line 2	C	V	X(40)		
			General Narrative Line 3	C	V	X(40)		
			General Narrative Line 4	C	V	X(40)		

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
FIL	=		FILE DETAILS	M				
		FLGN	File Generation Number	M	V	9(4)	Sequential number for each trading partner, incremented by 1 for each orders file transmitted	
		+ FLVN	File Version Number	M	V	9(4)	Original (which is always 1) is incremented by 1 for each additional copy created	
		+ FLDT	File Creation Date	M	F	9(6)	Date the file is created Format: YYMMDD	
		+ FLID	File (Reel) Identificaiton	C	V	X(6)	NULL	
MTR	=		MESSAGE TRAILER	M				
		NOSG	Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. Includes the MHD and MTR segments surrounding the message	

FILE: DELIVERY NOTIFICATION FILE DETAIL

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
MHD	=		MESSAGE HEADER	M					
			MSRF	M	V	9(12)	Consecutive count of messages within the transmission		
		+	TYPE	Type of Message Type Version Number	M M M	 F F	 	'ORDHDR' '8' for this version	 X X
CLO	=		CUSTOMER'S LOCATION	M					
			CLOC	Customer's Location Customer's EAN Location Number Customer's Own Location Number Vendor's Identity of Customer's Location	M C M M	 F V V	9(13) X(17) X(17)	NULL B&Q Store Code (e.g. 1101, 1236) NULL	
		+	CNAM	Customer's Name	C	V	X(40)	Customer's Name	
		+	CADD	Customer's Address Customer's Address Line 1 Customer's Address Line 2 Customer's Address Line 3 Customer's Address Line 4 Customer's Postcode	C C C C C C	 V V V V V V	 X(35) X(35) X(35) X(35) X(35) X(8)	Delivery Address	

FILE: DELIVERY NOTIFICATION FILE DETAIL

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
ORD	=		CUSTOMER LOCATION	M				
		ORNO	Order Number and Date	M				
			Customer's Order Number	M	V	X(17)	Purchase Order Number	
			: Vendor's Order Number	C	V	X(17)	NULL	
			: Date Order Placed by Customer	M	F	9(6)	Order Creation Date	
		: Date Order Received by Vendor	C	F	9(6)	NULL		
		+ CLAS	ORDER CLASSIFICATION	C	F	X(1)	NULL	
					'N' (new orders) OR 'A' (order amendments) OR 'R' (remedial orders) 'U' (uplift order)			
+ ORCD	Order Code	C	V	X(1)				
+	SCRF	Specification/Contract Reference	C			NULL		
		Specification Number	C	V	X(17)			
		: Contract Number	C	V	X(17)			

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
DIN	=		DELIVERY INSTRUCTIONS	C					
			EDAT	Earliest Delivery Date	C	F	9(6)	Delivery date. Format YYMMDD	
		+	IDAT	Latest Delivery Date	C	F	9(6)	NULL	
			RATM	Required Arrival Time	C			NULL	
				Earliest Time	C	F	9(4)		
		+		Latest Time	C	F	9(4)		
			DINS	Delivery Instruction Narrative	C			Special delivery instructions	
				Line 1	C	V	X(40)		
				Line 2	C	V	X(40)		
		+		Line 3	C	V	X(40)		
		Line 4	C	V	X(40)				
+	DINN	Delivery Instruction Number	C	V	X(17)	NULL			
DNA	=		DATA NARRATIVE	M					
			SEQA	First Level Sequence Number	M	V	9(4)	Start at 1, incremented by 1 for each 1st level repeat	
		+	DNAC	Data Narative Code	C			NULL	
				Code Table Number	C	V	9(4)		
				Code Value	C	V	X(3)		
		+	RTEX	Registered Text	C				
				First Registered Application Code	C	V	X(3)	'145'	
				Application Text	C	V	X(40)	First Contact Number for Customer	
				Second Registered Applicatin Code	C	V	X(3)	'145'	
				Application Text	C	V	X(40)	Second Contact Number for Customer	
	Third Registered Application Code	C		V	X(3)	'138'			
	Application Text	C		V	X(40)	Alternative Contact Name for Customer			
	Fourth Registered Application Code	C		V	X(3)	'165'			
	Application Text	C	V	X(40)	B&Q Store Code				
+	GNAR	General Narrative	C			NULL			
		General Narrative Line 1	C	V	X(40)	B&Q Sales Order Reference Number			
		General Narrative Line 2	C	V	X(40)	Customer Email Address			
		General Narrative Line 3	C	V	X(40)	Company Code as per Legal Entity - 'BQ10', 'BQ20', 'BQ30' or 'BQ40'			
		General Narrative Line 4	C	V	X(40)				

DNA	=			DATA NARRATIVE	C				
			SEQA	First Level Sequence Number	M	V	9(4)	Start at 1, incremented by 1 for each 1st level repeat	
		+	DNAC	Data Narrative Code - Code Table Number - Code Value	C C C	V V	9(4) X(3)	NULL	
		+	RTEX	Registered Text : - First Registered App Code : - Application Text : - Second Registered App Code : - Application Text : - Third Registered App Code : - Application Text : - Fourth Registered App Code : - Application Text	M C C C C C C C	V V V V V V V V	X(3) X(40) X(3) X(40) X(3) X(40) X(3) X(40)	NULL NULL '227' 'D' (home delivery) or '' (store delivery) '230' 'PO includes an installation contract' '230' 'TradePoint Priority Order'	
		+	GNAR	General Narrative : - Line 1 : - Line 2 : - Line 3 - Line 4	C C C C	V V V V	X(40) X(40) X(40) X(40)	NULL	

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT			
OLD	=		ORDER LINE DETAILS	M							
			SEQA	First Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each segment of this type in the message			
			+	SPRO	Vendor's Product Number	M					
		EAN-13 Code for Traded Unit			C	F	9(13)	EAN Code for Product (zero padded to left)			
		Supplier Code for Traded Unit			C	V	X(30)	Vendor's Product Code			
					DUN-14 Code for Traded Unit	C	F	9(14)	14 Digit EAN Code for Packs		
				+	SACU	Vendor's EAN Code for DC Unit	C	F	9(13)	NULL	
				+	CPRO	Customer's Product Number	C			NULL	
				Customer's Own EAN Number		C	F	9(15)			
				Customer's Item Code		C	V	X(30)			
				+	UNOR	Unit of Ordering	M				
				Consumer Units in Traded Unit		C	V	9(15)	Pack size (no. of retail units in a pack case)		
				Order Measure		C	V	9(10)	NULL		
						Measure Indicator	C	V	V999 X(6)	Unit of Measure where applicable	
				+	OQTY	Quantity Ordered	M				
				Number of Traded Units Ordered		M	V	9(15)	Number of Packs Ordered		
				Total Measure Ordered		C	V	9(10)	NULL		
				Measure Indicator	C	V	V999 X(6)	Unit of Measure where applicable			
		+	OUCT	Ordering Unit Cost	C						
		Cost Price		C	V	9(10)	Cost Price Per Unit Ordered				
		Measure Indicator		C	V	V 9(4) X(6)	NULL				
		+	PIND	Special Price Indicator	C	V	X(4)	NULL			
		+	TFIN	To follow Indicator	C	V	X	NULL			
		+	TDES	Traded Unit Description	C						
		Line 1		C	V	X(40)	Product Description				
		Line 2		C	V	X(40)	Product Description				
		+	SCRF	Specification/Contract References	C			NULL			
		Specification Number		C	V	X(17)					
		Contract Number		C	V	X(17)					

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
DNB	=		DATA NARRATIVE	C					
			SEQA	First Level Sequence Number	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested	
		+	SEQB	Second Level Sequence Number	M	V	9(10)	Starts at 1 and incremented by 1 for each 2nd level repeat	
		+	DNAC	Data Narrative Code	C			NULL	
				Code Table Number	C	V	9(4)		
		:		Code Value	C	V	X(3)		
		+	RTEX	Registered Text	C			'073' Currency code (e.g GBP, EUR) '043' B&Q purchase order line item number '230' Additional order information eg colour, font	
				First Registered Application Code	C	V	X(3)		
		:		Application Text	C	V	X(40)		
		:		Second Registered Application Code	C	V	X(3)		
		:		Application Text	C	V	X(40)		
		:		Third Registered Application Code	C	V	X(3)		
:	Application Text	C		V	X(40)				
:	Fourth Registered Application Code	C		V	X(3)				
:	Application Text	C	V	X(40)					
+	GNAR	General Narrative	C			ORDER change indicator - 'AMD'(for amended line) or 'CAN' (for cancelled line)			
		Line 1	C	V	X(40)				
:		Line 2	C	V	X(40)				
:		Line 3	C	V	X(40)				
:		Line 4	C	V	X(40)				

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
OTR	=		ORDER TRAILER	M				
		LORD	Lines Ordered	M	V	9(10)	Total Number of Lines in Order	
		QORD	Total Quantity Ordered	C	V	9(15)	Total Number of Traded Units Ordered	
MTR	=		MESSAGE TRAILER	M				
		NOSG	Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. The count includes the MHD and MTR segments surrounding the message	

FILE: ORDER FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
MHD	=		MESSAGE HEADER	M				
			MSRF	M	V	9(12)	Consecutive count of messages within the transmission	
		+	TYPE	Type of Message Type Version Number	M M M	F F	X(6) 9(1)	'ORDTLR' '4' for this version
OFT	=		ORDER FILE TOTALS	M				
			FTOR	M	V	9(10)	Total order details message on file	
MTR	=		MESSAGE TRAILER	M				
			NOSG	M	F	9(10)	'3' for this message	

CUSTOMER PO EXAMPLE

The below example is for a new Customer PO. The changes have been marked in bold.

STX=ANA:1+**5013546018962**:CUSTOMER ORDER+501300000000: VENDOR NAME+160101:154519+8780+PASSWORD+ORDHDR+B'
MHD=1+ORDHDR:6'
TYP=0440'
SDT=501300000000:500000+ VENDOR NAME'
CDT=**5013546018962**+ B & Q LTD
FIL=8780+1+160101'
MTR=6'
CLO=:**1101**+Mr X Johnson +:19 19 Stocker Close:BASINGSTOKE::RG21 3HY'
ORD=**600001600**::160101++N'
DIN=150810'
DNA=1++145:07595618990:145:02389691234:::165:1101+**5000026**:customer@uk.bandq.com'
DNA=2++::227:D:230::230'
OLD=1+0000003826607:PQCL2620+++::EA+1+41210+++C&L OCTAVIA SEMI RECESSED 2TH BASIN'
DNB=1+1++073:**GBP**:043:00001:230'
OTR=1+1'
MTR=10'
MHD=3+ORDTLR:4'
OFT=1'
MTR=3'
END=3'