

B&Q CUSTOMER ORDER

Vendor EDI Technical Documentation

Version: 1.1
Date: January 2016

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	
STX	=		START OF TRANSMISSION	M					
			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 Sender	M				
		- Code	M	V	X(14)	B&Q ANA Identity Live = '5013546018962' Test = '5013546226525'	X		
		: - Name	C	V	X(35)	CUSTOMER ORDER	X		
	+ UNTO	Identification of Transmission Recipient	M						
		- Code	M	V	X(14)	Supplier ANA Identity			
		: - Name	C	V	X(35)	Supplier 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 for each outbound file transmitted.			
	+ RCRF	Recipients Transmission Reference	C	V	X(14)		X		
	+ APRF	Application Reference	M	V	X(14)	'ORDHDR'(live) & 'ORDTES' (test)			
	+ 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	

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 Type	M M M	F F	X(6) 9(1)	'ORDHDR' '6' for this version	X X
TYP	=		TRANSACTION TYPE DETAILS	M					
			TCDE	Transaction Code	M	F	9(4)	"0430" - for New Order,"0440" - for Amended Order	X
		+	TTYP	Transaction Type	C	V	X(12)	NULL	
SDT	=		SUPPLIER DETAILS	M					
			SIDN	Supplier's Identity - Suppliers ANA Location Code : - Suppliers Identity Allocated by customer	M M M	F V	9(13) X(17)	Supplier's ANA Code B&Q Supplier Number (upto 7 digits)	
		+	SNAM	Supplier's Name	C	V	X(40)	Supplier Legal Name	
		+	SADD	Supplier's Address - Line 1 : - Line 2 : - Line 3 : - Line 4 : - Post Code	C C C C C	V V V V V	X(35) X(35) X(35) X(35) X(8)	NULL	
		+	VATN	Supplier's VAT Registration No.	C	F	9(9)	NULL	

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
CDT	=		CUSTOMER DETAILS	M					
		CIDN	Customer's Identity	M				B&Q ANA Code NULL	X
			- Customer's ANA Identity	M	F	9(13)			
			: - Customer's Identity Allocated	C	V	X(17)			
		+ CNAM	Customer's Name	M	V	X(40)	"B&Q PLC"	X	
+ CADD	Customer's Address	C			NULL				
		- Line 1	C	V	X(35)				
		: - Line 2	C	V	X(35)				
		: - Line 3	C	V	X(35)				
		: - Line 4	C	V	X(35)				
		: - Post Code	C	V	X(8)				

DNA	=		DATA NARRATIVE	C			NULL	
		SEQA	First Level Sequence Number	M	V	9(4)	NULL	
		+ DNAC	Data Narrative Code - Code Table Number : - Code Value	C C C	V V V	9(4) X(3)	NULL	
		+ RTEX	Registered Text - 1st Registered Application Code : - Application Text : - 2nd Registered Application Code : - Application Text : - 3rd Registered Application Code : - Application Text : - 4th Registered Application Code : - Application Text	C 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	
		+ 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	

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 of File Creation Format:YYMMDD	
		+	FLID	File Identification	C	V	X(6)	NULL	
MTR	=		MESSAGE TRAILER	M					
			NOSG	No. of Segments in Message	M	V	9(4)	Control count of number of segments comprising message. Includes MHD + MTR segments surrounding the message	

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)	'ORDERS' '8' for this version	X X
CLO		CUSTOMER LOCATION	M					
		CLOC	Customer Location : -Customer ANA Location Code : -Customer Own Location Code - -Suppliers ID of Customer's Location	M C M C	F V V	9(13) X(17) X(17)	NULL B&Q store code e.g (1101) NULL	
	+	CNAM	CUSTOMER'S NAME	C	V	X(40)	Customer's name	
	+	CADD	Customer's Address - Line 1 : - Line 2 : - Line 3 : - Line 4 : - Post Code	M C C C C C	V V V V V	X(35) X(35) X(35) X(35) X(8)	Delivery address	

ORD	=		ORDER REFERENCES	M			
		ORNO	Order Number and Date - Customer's Order Number : - Supplier's Order Number : - Date Order Placed by Customer : - Date Order Received by Supplier	M M C M C	V V F F	X(17) X(17) 9(6) 9(6)	B&Q Purchase Order Number NULL Order creation date NULL
		+ CLAS	ORDER CLASSIFICATION	C	F	X(1)	NULL
		+ ORCD	Order Code	M	F	X(1)	'N' (new orders) OR 'A' (order amendments) OR 'R' (remedial orders) 'U' (uplift order)
		+ SCRF	Specification/Contract Reference - Specification Number : - Contract Number	C C C	V V	X(30) X(30)	NULL

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 - Earliest Time : - Latest Time	C C C	F F	9(4) 9(4)	NULL
		+ DINS	Delivery Instruction 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)	Special delivery instructions
		+ 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 Narrative Code - Code Table Number : - Code Value	C C C	V V V	9(4) X(3)	NULL	

		+	RTEX	Registered Text	M				
				- First Registered App Code	C	V	X(3)	'145'	
				: - Application Text	C	V	X(40)	1 st contact number for customer	
				: - Second Registered App Code	C	V	X(3)	'145'	
				: - Application Text	C	V	X(40)	2 nd contact number for customer	
				: - Third Registered App Code	C	V	X(3)	'138'	
				: - Application Text	C	V	X(40)	Alternative contact name for customer	
				: - Fourth Registered App Code	M	V	X(3)	'165'	
				: - Application Text	M	V	X(40)	B&Q store code	
				+ GNAR	General Narrative	C			NULL
- Line 1	C	V	X(40)	B&Q Sales Order Reference Number					
: - Line 2	C	V	X(40)	Customer Email Address					
: - Line 3	C	V	X(40)	Company code as per legal entity 'BQ10' or					
: - Line 4	C	V	X(40)	'BQ20' or 'BQ30' or 'BQ40'					

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 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	
OLD	=		ORDER LINE DETAILS	M				
		SEQA	First Level Sequence Number	M	V	9(4)	Starts at 1 and is incremented by 1 for each segment of this type	
		+ SPRO	Supplier's Product Number - EAN-13 Code for Traded Unit : - Supp Code for Traded Unit : - DUN-14 Code for Traded Unit	M M C C	F V F	9(13) X(10) 9(14)	EAN Code for Product Suppliers Product Code NULL	
		+ SACU	Supplier's EAN Code for DC Unit	C	F	9(13)	NULL	
		+ CPRO	Customer's Product Number - Customer's Own EAN Number : - Customer's Item Code	C C C	F V	9(15) X(9)	NULL B&Q Internal Article Number	

SEGMENT	DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
	+ UNOR	Unit of Ordering - Consumer Units in Traded Unit - Order Measure : : - Measure Indicator	M C C M	V V V	9(4) 9(5)V 999 X(6)	NULL NULL ISO unit of measure code	
	+ OQTY	Quantity Ordered - Number of Traded Units Ordered - Total Measure Ordered : : - Measure Indicator	M M C C	V V V	9(15) 9(10)V 999 X(6)	Quantity NULL NULL	
	+ OUCT	OrderingUnit Cost - Cost Price : : - Measure Indicator	C C C	V V	9(10)V 9(4) X(6)	Cost price per unit ordered NULL	
	+ PIND	Special Price Indicator	C	V	X(4)	NULL	
	+ TFIN	To follow Indicator	C	F	X	NULL	
	+ TDES	Traded Unit Description - Line 1 : - Line 2	C C C	V V	X(40) X(40)	Product Description Product Description	
	+ SCRIF	Specification/Contract References - Specification Number : - Contract Number	C C C	V V	X(30) X(30)	NULL	

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
DNB	=		DATA NARRATIVE	C					
			SEQA	M	V	9(4)	Takes the value of SEQA in the preceding segment with which this segment is nested		
		+	SEQB	M	V	9(4)	Starts at 1 and incremented by 1 for each 2nd 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 Application Code : - Application Text : - Second Registered Application Code : - Application Text : - Third Registered Application Code : - Application Text : - Fourth Registered Application Code : - Application Text	M M M M 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)	'073' Currency code (e.g GBP, EUR) '043' B&Q purchase order line item number '230' Additional order information eg colour, font	
	+	GNAR	General Narrative - Line 1 : - Line 2 : - Line 3 : - Line 4	C C C C C	V V V V V	X(40) X(40) X(40) X(40) X(40)	ORDER change indicator - 'AMD' (for amended line) or 'CAN' (for cancelled line)		
OTR	=		ORDER TRAILER	M					
			LORD	M	V	9(8)	Total Number of Lines in Order		
		+	QORD	C	V	9(15)	Total Number of Traded Units Ordered		

MTR	=		MESSAGE TRAILER	M				
		NOSG	Number of segments in Message	M	V	9(4)	Control Count of Number of segments comprising message. Includes MHD + MTR segments surrounding the message	

MHD	=		MESSAGE HEADER	M				
		MSRF	Message Reference	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	X X

OFT	=		ORDER FILE TOTALS	M				
		FTOR	File Total Number of Orders	M	V	9(10)	Total order details message on file	

MTR	=		MESSAGE TRAILER	M				
		NOSG	Number of Segments in Message	M	F	9(4)	3 for this message	

EXAMPLE OF THE CUSTOMER PO:

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

STX=ANA:1+**5013546226525**:**CUSTOMER ORDER**+501300000000: VENDOR
NAME+160101:154519+8780+PASSWORD+ORDHDR+B' MHD=1+ORDHDR:6'
TYP=0440'
SDT=501300000000:500000+ VENDOR NAME'
CDT=**5013546226525**+ B & Q PLC'
FIL=8780+1+160101'
MTR=6'
MHD=2+ORDERS:8'
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'

