



# Supplier EDI Integration Guide

Version Date: 5-7-2025



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## Document Revision History

Date	Description of Change	Comments
11-7-2024	Original	
1-28-2025	Added Remit To onto the 810	Can use RE or RI
2-12-2025	Updated ASN with proper HL loops	
3-18-2025	Added note on 850 REF*CO that the 02 value should get onto the packing list to the customer	
5-7-2025	Updated FOB for 856 to include PP	Can use CC or PP

## BradyPLUS Contacts

Team	Reason	Email Address
Order Questions	Issue with order, item on order, or shipping	<a href="#">CONTACT YOUR BUYER</a>
Item Questions	Issue or change requests related to item data	<a href="#">CONTACT YOUR BUYER</a>
Invoice Payment Questions	Invoice received or when invoice will be paid	<a href="mailto:accounts.payable@bradyindustries.com">accounts.payable@bradyindustries.com</a>
Updated Ship-to Locations	Need information on a ship-to location	<a href="#">CONTACT YOUR BUYER</a>
Technical Questions	Issues with EDI communications or syntax issues	<a href="mailto:edisupplier@bradyplus.com">edisupplier@bradyplus.com</a>

## Keys for Successful EDI Invoices

### Invoice Key Data Points:

- Division ID (REF\*19) **must match that of the 850** ← if incorrect or missing, we will not be able to route your invoice for payment
- Vendor number (REF\*IA segment) **must match that of the 850**
- Ship-to location (N104) **must match that of the 850**
- Line number (IT101) **must match that of the 850**
- Quantity (IT102) *should be equal to or less than what was on the order*
- Unit of measure (IT103) **must match that of the 850**
- Vendor Part Number **must match that of the 850**
- BradyPLUS Item Number **must match that of the 850**
- UPC **must match that of the 850**

- Do not send the same item number/UPC across multiple lines unless it is sent that way on the order
- Only use the SAC segment when there is a charge or allowance. Do NOT use a line-level charge.
- Please see Business Data Examples at the end of this section

## BradyPLUS Locations: Why the REF\*19 segment is important

BradyPLUS EDI supports multiple BradyPLUS locations/ERPs. The REF\*19 segment allows us to route supplier invoices to the correct location/ERP. It **MUST** be passed back onto your outbound EDI documents. **Do not hardcode this value on your outbound maps!**

Legacy Site and ERP	Canonical ERP Acronym Destination Partner REF*19 possible values	Partner Name
APS Carlstadt - TBD	TBDAPS	APSCarlstadt
BradyPlus - P21	P21BPS	BradyPLUS
Daycon - APLUS	APLDAY	Daycon
Johnston - TERM	TRMJOH	Johnston
KSS - Step 1	DDIKSS	KSS
NextGen - DDI	DDSNXT	NextGen
North American - Wynstar	WYNNAM	NorthAmerican
PJP - D365	D36PJP	PJP
Royal - P21	P21ROY	Royal
Supply It All - DDI	DDISUP	SupplyItAll
Waxie/SEPG - APLUS	APLWAX	WaxieSEPG
YPV - TBD	TBDYPV	YPV
Sigma - S2K	S2KSIG	Sigma

It is our plan to migrate all locations to BradyPLUS – P21 (P21BPS).

## BradyPLUS Current Ship-Tos

Location Id	Name	Address1	City	State	Postal Code	Phone Number
1000	BradyIFS - Las Vegas	7055 Lindell Road	Las Vegas	NV	89118	(702) 876-3990
1100	BradyIFS - Reno	150 East Greg Street	Sparks	NV	89431	775-398-4620
1400	BradyIFS - San Diego	9292 Activity Road	San Diego	CA	92126-4425	858-566-6700
1450	BradyIFS - Bishop	177 Short St Ste D	Bishop	CA	93514-3560	
1460	BradyIFS - Ontario	1501 Hudson St	Ontario	CA	91761-2241	(909) 292-1400
1500	BradyIFS - Los Angeles	5350 Lindbergh Lane	Bell	CA	90201	323-981-2800
1600	BradyIFS - Modesto	416 N 9th St	Modesto	CA	95350-5868	(209) 523-3002
1610	BradyIFS - Fresno	1149 W Nielsen Ave	Fresno	CA	93706-1340	(559) 498-6204
1620	BradyIFS - Bakersfield	4730 Armstrong Rd	Bakersfield	CA	93313-2115	(661) 587-5055
1630	BradyIFS - Rancho	905 Wineville Ave Ste B	Ontario	CA	91764-8508	(909) 822-5449
1700	BradyIFS - Fairfield	2750 Maxwell Way	Fairfield	CA	94534-9708	707-745-8900
1710	BradyIFS - Pleasant Hill	2855 Contra Costa Blvd	Pleasant Hill	CA	94523-4226	
1720	BradyPLUS - Rohnert Park	5004 Dowdell Ave	Rohnert Park	CA	94928-4188	
1730	BradyIFS - Santa Rosa	5004 Dowdell Ave	Rohnert Park	CA	94928-4188	(707) 546-6300
1731	BradyIFS - Santa Rosa	2329 Circadian Way	Santa Rosa	CA	95407	
1740	BradyIFS - San Rafael	5004 Dowdell Ave	Rohnert Park	CA	94928-4188	(415) 258-0550
2000	BradyIFS - Salt Lake City	5655 W 300 S	Salt Lake City	UT	84104	(801) 973-6166
2100	BradyIFS - St. George	3260 E Deseret Dr	St, George	UT	84790	435-674-7993
2500	BradyIFS - Denver	495 E. 62nd Avenue	Denver	CO	80216	303-455-1960
3000	BradyIFS - Phoenix	4422 S.38th Place	Phoenix	AZ	85040	(480) 222-6789
3050	BradyIFS - Phoenix Retail	3325 N 19th Ave	Phoenix	AZ	85015	602-252-9402
3070	BradyIFS - Tempe Retail	3136 S McClintock Dr #8	Tempe	AZ	85282	480-947-1584
3100	BradyIFS - Tucson	2425 N. Huachuca Drive	Tucson	AZ	85745	1-800-255-3924
3200	BradyIFS - Flagstaff	2001 E Huntington Dr	Flagstaff	AZ	86004	
4000	BradyIFS - Albuquerque	8600 San Mateo Blvd NE	Albuquerque	NM	87113	(505) 298-2311
4100	BradyIFS - Farmington	2805 Inland St	Farmington	NM	87401	(505) 324-0450
4200	BradyIFS - Carlsbad	801 North 8th St.	Carlsbad	NM	88220	(575) 885-0715

5000	BradyIFS - Pocatello	7695 S. 5th Avenue	Pocatello	ID	83204	
5100	BradyIFS - Boise	5198 Chinden Blvd	Boise	ID	83714	(208) 887-2199
6000	BradyIFS - El Paso	5 Founders Blvd.	El Paso	TX	79906	(915) 772-2859
6020	BradyPLUS Houston	10634 Tanner Rd Unit 300	Houston	TX	77041-7264	
6030	BradyPlus - Tyler	14174 State Highway 31 W	Tyler	TX	75709-4136	
6040	BradyPLUS San Antonio	1510 Cornerway Blvd Ste 113	San Antonio	TX	78219-2907	
6060	BradyIFS - Fort Worth	2117 Franklin Dr	Fort Worth	TX	76106	800-644-3403
6070	Brady Industries of Texas - Dallas	2400 East Interstate Highway 20	Arlington	TX	76018	
6080	Brady Industries of Texas - Houston	10634 Tanner Rd Unit 300	Houston	TX	77041-7264	(713)856-8686
6090	Brady Industries of Texas - San Antonio	1510 Cornerway Blvd Ste 113	San Antonio	TX	78219-2907	(512)671-7627
6100	BradyIFS - Little Rock	4007 Richards Road	North Little Rock	AR	72117	7025887870
6120	Brady - Little Rock					
6200	BradyIFS - Oklahoma City	2401 S Council Road	Oklahoma City	OK	73128	4059476006
6210	KSS Enterprises - Consignment	5053 Sports Dr	Kalamazoo	MI	49009-7117	(269) 349-6637
6250	BradyIFS - Tulsa	2604 N Hemlock Circle	Broken Arrow	OK	74012	9189605016
6300	BradyIFS - Memphis	3394 Winchester Road	Memphis	TN	38118	901-363-7278
6400	BradyIFS - Pearl	140 Legacy Park	Pearl	MS	39208	(601) 968-8097
6450	BradyIFS - Laurel	803 S. Magnolia Street	Laurel	MS	39440	601-425-2311
6490	BradyIFS - Conyers Service	1202 Royal Dr Sw	Conyers	GA	30094-5966	(770) 929-1987
6500	BradyPLUS Conyers	1202 Royal Dr Sw	Conyers	GA	30094-5966	770-929-1987
6510	BradyIFS - Augusta	1031 Franke Industrial Drive	Augusta	GA	30909	706-729-0363
6520	BradyIFS - Lanett	505 Veterans Memorial Parkway	Lanett	AL	36863	
6600	BradyIFS - Melbourne	34 East Ct	Melbourne	FL	32904-4042	(321) 723-4969
6610	BradyPlus - Dania Beach	4040 S State Road 7 Ste 100	Davie	FL	33314-4056	
6900	BradyIFS - Capitol Heights	1200 Hampton Park Blvd Ste 200	Capitol Heights	MD	20743	240-719-7349
6910	BradyIFS - Baltimore	6630 Amberton Dr Ste A	Elkridge	MD	21075-6246	410-539-2070
6930	BradyPlus - Elkridge	6630 Amberton Dr Ste A	Elkridge	MD	21075-6246	
7000	BradyIFS - Wichita	551 E 77th St N	Park City	KS	67147	3169429494
7100	BradyIFS - Kansas City	1200 Erie	Kansas City	MO	64116	8164728899
7500	BradyPLUS Chicago	825 26th St	La Grange Park	IL	60526-1286	
7510	BradyIFS - Seaway	825 26th St	La Grange Park	IL	60526-1286	
7520	BradyIFS - Chicago	825 26th St	La Grange Park	IL	60526-1286	(847) 718-1100
8310	BradyIFS - New Jersey	200 Connecticut Dr	Burlington	NJ	08016	
8330	BradyPLUS - Carlstadt	10 Industrial Rd	Carlstadt	NJ	07072-1613	

8510	BradyPLUS - Williston	1366 Marshall Ave	Williston	VT	05495-9398	(802) 864-0585
8520	BradyPLUS - Hartford	1118 VT-14	Hartford	VT	05047	8022953188
8530	BradyPLUS - Wallingford	160 S Turnpike Rd	Wallingford	CT	06492-4390	(800) 639-7226

## EDI850 – Purchase Order

### BradyPLUS EDI 850 Specification

Segment	Element	ID	Name	Usage	Type	Min/Max	Comments
<b>ISA Segment</b>							
ISA	1	I01	AUTHORIZATION QUAL	M	ID	2/2	00-NO AUTHORIZATION
ISA	2	I02	AUTHORIZATION INFO	M	AN	10/10	SPACES
ISA	3	I03	SECURITY INFO QUAL	M	ID	2/2	00 - NO SECURITY INFORMATION PRESENT
ISA	4	I04	SECURITY INFORMATN.	M	AN	10/10	SPACES
ISA	5	I05	INTERCHGE. ID QUAL.	M	ID	2/2	ZZ
ISA	6	I06	INTERCHNG SENDER ID	M	AN	15/15	BRADYPLUS
ISA	7	I05	INTERCHG. ID QUAL.	M	ID	2/2	TRADING PARTNER QUALIFIER
ISA	8	I07	INTRCHG RECEIVER ID	M	AN	15/15	TRADING PARTNER RECEIVER ID
ISA	9	I08	INTRCHG CREATE DATE	M	DT	6/6	SYSTEM CREATION YYMMDD FORMAT
ISA	10	I09	INTRCHG CREATE TIME	M	TM	4/4	SYSTEM CREATION HHMM FORMAT
ISA	11	I10	STANDARD IDENTIFIER	M	ID	1/1	U - U.S. EDI COMMUNITY OF X.12
ISA	12	I11	VERSION BEING USED	M	ID	5/5	00401 – CURRENT STANDARDS
ISA	13	I12	INTERCHG CONTROL NO	M	N	9/9	VENDOR SUPPLIED CTL NUMBER STARTING AT 000000001 AND INCREMENTING BY 1
ISA	14	I13	ACKNOWLEDGMENT REQ.	M	ID	1/1	0 - NO TRANSMISSION ACKNOWLEDGMENT REQUESTED
ISA	15	I14	TEST INDICATOR	M	ID	1/1	T - TEST DATA P - PRODUCTION DATA

ISA	16	115	COMPONENT ELEMENT SEPARATOR	M		1/1	>
<b>GS Segment</b>							
GS	1	479	FUNCTIONAL ID	M	ID	2/2	PO – PURCHASE ORDER
GS	2	142	APPL. SENDER CODE	M	AN	2/15	BRADYPLUS
GS	3	124	APPL. RECEIVER CODE	M	AN	2/15	TRADING PARTNER RECEIVER ID
GS	4	373	GROUP DATE	M	DT	8/8	CREATION DATE OF DATA GENERATED BY VENDOR YYYYMMDD FORMAT
GS	5	337	GROUP TIME	M	TM	4/8	CREATION TIME OF DATA GENERATED BY HHMM FORMAT
GS	6	28	GROUP CONTROL NMBR	M	N	1/9	THIS CONTROL NUMBER WILL BE SENT BACK IN THE 997 (AK102)
GS	7	455	RESPONSIBLE AGCY CD	M	ID	1/2	X - ACCREDITED STANDARDS COMM. X.12
GS	8	480	VERSION/RELEASE	M	ID	1/12	VERSION/RELEASE OF TRANSACTION SETS WITHIN THE GROUP 004010
<b>ST Segment</b>							
ST	1	143	TRANSACTION SET ID	M	ID	3/3	850 - PURCHASE ORDER
ST	2	329	TRANS. SET CTL. NO.	M	AN	4/9	CONTROL NUMBER SEQUENTIALLY ASSIGNED BY THE SENDER
<b>BEG Segment</b>							
BEG	1	353	Transaction Set Purpose Code	M	ID	2/2	00 - Original
BEG	2	92	Purchase Order Type Code	M	ID	2/2	DS - Dropship SA – Standard Order
BEG	3	324	Purchase Order Number	M	AN	1/22	BradyPLUS PO Number
BEG	5	373	Date	M	DT	8/8	
<b>CUR Segment</b>							
CUR	1	98	Entity Identifier Code	M	ID	2/3	BT - Bill-to-Party
CUR	2	100	Currency Code	M	ID	3/3	Code (Standard ISO) for the country in whose currency the charges are specified
<b>REF Segment</b>							
REF	1	128	Reference Identification Qualifier	M	ID	2/3	19 - Division Identifier

REF	2	127	Reference Identification	X	AN	1/30	IMPORTANT: We need this value back on the 810, else your invoice will not be processed.
<b>REF Segment</b>							
REF	1	128	Reference Identification Qualifier	M	ID	2/3	IA - Vendor Number (on all orders)
REF	2	127	Reference Identification	X	AN	1/30	IMPORTANT: We need this value back on the 810, else your invoice will not be processed.
<b>REF Segment</b>							
REF	1	128	Reference Identification Qualifier	M	ID	2/3	CO - Customer Order Number
REF	2	127	Reference Identification	X	AN	1/30	This value should go onto the packing list
<b>REF Segment</b>							
REF	1	128	Reference Identification Qualifier	M	ID	2/3	PR - Contract/Quote/Special Pricing #
REF	2	127	Reference Identification	X	AN	1/30	
<b>REF Segment</b>							
REF	1	128	Reference Identification Qualifier	M	ID	2/3	F9 - Freight Billing
REF	2	127	Reference Identification	X	AN	1/30	
<b>PER Segment</b>							
PER	1	366	Contact Function Code	M	ID	2/2	CR - Customer Relations (BradyPLUS contact)
PER	2	93	Name	O	AN	1/60	
PER	3	365	Communication Number Qualifier	X	ID	2/2	TE - Telephone
PER	4	364	Communication Number	X	AN	1/80	
PER	5	365	Communication Number Qualifier	X	ID	2/2	EM - Email
PER	6	364	Communication Number	X	AN	1/80	
<b>DTM Segment</b>							
DTM	1	374	Date/Time Qualifier	M	ID	3/3	002 - Requested Delivery Date
DTM	2	373	Date	X	DT	8/8	
<b>TD5 Segment</b>							
TD5	1	133	Routing Sequence Code	X	ID	1/2	O - Origin Carrier (Air/Motor)
TD5	2	66	Identification Code Qualifier	X	ID	1/2	2 - SCAC

TD5	3	67	Identification Code	X	ID	2/80	SCAC (Standard Carrier Alpha Code)
TD5	4	91	Transportation Method/Type Code	X	ID	1/2	A - Air M - Motor
TD5	5	387	Routing	X	ID	1/35	Free-form description of the routing or requested routing for shipment, or the originating carrier's identity
<b>N9 Segment</b>							
N9	1	128	Reference Identification Qualifier	M	ID	2/3	L1 - Letters or Notes
N9	2	127	Reference Identification	X	AN	1/30	DELIVERY
N9	3	369	Free-form Description	X	AN	1/45	
<b>MSG Segment</b>							
MSG	1	933	Free-Form Message Text	O	AN	1/264	
<b>N1-N4 (BILL TO) Segment</b>							
N1	1	98	Entity Identifier Code	M	ID	2/3	BT - Bill To
N1	2	93	Name	X	AN	1/60	
N1	3	66	Identification Code Qualifier	X	ID	1/2	92
N1	4	67	Identification Code	X	AN	2/80	Bill-to location ID
N2	1	93	Name	M	AN	1/60	
N2	2	93	Name	O	AN	1/60	
N3	1	166	Address Information	M	AN	1/55	
N3	2	166	Address Information	O	AN	1/55	
N4	1	19	City Name	O	AN	2/30	
N4	2	156	State or Province Code	O	ID	2/2	
N4	3	116	Postal Code	O	ID	3/15	
N4	4	26	Country Code	O	ID	2/3	
<b>N1-N4 (SHIP TO) Segment</b>							
N1	1	98	Entity Identifier Code	M	ID	2/3	ST - Ship to
N1	2	93	Name	X	AN	1/60	

N1	3	66	Identification Code Qualifier	X	ID	1/2	92
N1	4	67	Identification Code	X	AN	2/80	Ship-to location ID If order is a drop-ship order then ship to the address provided in this loop.
N2	1	93	Name	M	AN	1/60	
N2	2	93	Name	O	AN	1/60	
N3	1	166	Address Information	M	AN	1/55	
N3	2	166	Address Information	O	AN	1/55	
N4	1	19	City Name	O	AN	2/30	
N4	2	156	State or Province Code	O	ID	2/2	
N4	3	116	Postal Code	O	ID	3/15	
N4	4	26	Country Code	O	ID	2/3	
<b>PO1 Segment</b>							
PO1	1	350	Assigned Identification	M	AN	1/20	This value must be returned on the 810.
PO1	2	330	Quantity Ordered	M	R	1/15	This value must be returned on the 810.
PO1	3	355	Unit or Basis for Measurement Code	M	ID	2/2	This value must be returned on the 810.
PO1	4	212	Unit Price	X	R	1/17	This value must be returned on the 810.
PO1	6	235	Product/Service ID Qualifier	X	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
PO1	7	234	Product/Service ID	X	AN	1/48	
PO1	8	235	Product/Service ID Qualifier	X	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
PO1	9	234	Product/Service	X	AN	1/48	
PO1	10	235	Product/Service ID Qualifier	X	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN

<b>PO1</b>	<b>11</b>	234	Product/Service	X	AN	1/48	
<b>PO1</b>	<b>12</b>	235	Product/Service ID Qualifier	X	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
<b>PO1</b>	<b>13</b>	234	Product/Service	X	AN	1/48	
<b>CTT Segment</b>							
<b>CTT</b>	<b>PO1</b>	354	NO. OF LINE ITEMS	M	N	1/6	NUMBER OF LINE SEGMENTS
<b>SE Segment</b>							
<b>SE</b>	<b>1</b>	96	NO. OF INCLUDED SEG	M	N	1/6	NUMBER OF INCLUDED SEGMENTS IN THE TRANSACTION SET INCLUDING ST AND SE
<b>SE</b>	<b>2</b>	329	TRANS. SET CNTL. NO	M	AN	4/9	TRANSACTION SET CONTROL NUMBER SAME AS THE ST02
<b>GE Segment</b>							
<b>GE</b>	<b>1</b>	97	NO. OF INCLUDED SET	M	N	1/6	TOTAL NUMBER OF ST SEGMENTS WITHIN FUNCTIONAL GROUP
<b>GE</b>	<b>2</b>	28	GROUP CONTROL NMBR.	M	N	9/9	FUNCTIONAL GROUP CONTROL NUMBER SAME AS THE GS06
<b>IEA Segment</b>							
<b>IEA</b>	<b>1</b>	116	NUMBER OF INC. GRPS	M	N	1/5	TOTAL NUMBER OF FUNCTIONAL GROUPS (GS SEGMENTS)
<b>IEA</b>	<b>2</b>	112	INTERCHG. CNTL. NO.	M	N	9/9	SEQUENCE NUMBER SAME AS ISA13

### PO1 Item Note:

PO1 06/07: We will map the BP and Brady's item number in these positions but if a value does not exist then, we will map the VN and Vendor Item Number. If for some reason, neither BP nor VN exist, then we will map UP and UPC.

PO1 06 through 11: Please make your mapping flexible enough to map any of the four qualifiers (VN, BP, UP, UK) and items for each of the pairings.

## 850 Data Example

ISA^00^ ^00^ ^ZZ^BRADYPLUS ^ZZ^SUPPLIER ISA ^180907^0303^U^00401^100000174^0^P^>~  
GS^PO^BRADYPLUS^SUPPLIER GS^20180907^0303^1174^X^004010~  
ST^850^1174~  
BEG^00^NE^PO999999^^20240415~  
CUR^BT^USD~  
REF^19^P21BPS~  
REF^IA^123456~  
REF^CO^5241564~  
REF^PR^348321-32456~  
REF^F9^FEDX86786-111~  
PER^CR^BOB SMITH^TE^8475551234^EM^buyer.test@bradyplus.com~  
DTM^002^20240416~  
TD5^O^2^FEDG^M^FEDEX GROUND~  
N9^L1^DELIVERY~  
MSG^SHIPMENTS 0-150 LBS SHIP VIA FEDEX COLLECT.~  
MSG^SHIPMENTS OVER 150 LBS VIA CALL 855-744-7247 OR EMAIL CHRPattersonTeam@FEDEX.com~  
MSG^DO NOT DECLARE VALUE.~  
MSG^ALL TRUCK FREIGHT MUST BE PALLETIZED~  
MSG^DO NOT SHIP COD.~  
MSG^SEE BRADYPLUS ROUTING GUIDE FOR ADDITIONAL TRANSPORTATION INFORMATION~  
N1^ST^BRADYPLUS^92^IND~  
N3^9041 Orly Road^Suite 200~  
N4^Indianapolis^IN^46241^US~  
PO1^1^8^PK^22.15^^VN^525867^UK^02649833212778^BP^58895211^UP^012548887742~  
PO1^2^5^EA^14.75^^VN^510166^UK^02649833101661^BP^58874545^UP^025454765487~  
CTT^2~  
SE^25^1174~  
GE^1^1174~  
IEA^1^100000174~

## BradyPLUS Requirements for 997s

- Please be sure to include the AK2 segment in your Functional Acknowledgements.
- Functional Acknowledgements must be returned within four hours from BradyPLUS sending the order.

ISA^00^ ^00^ ^01^YOUR SENDER ID ^ZZ^BRADYPLUS ^121128^0607^U^00401^000272538^0^P^>~  
GS^FA^YOUR SENDER ID^BRADYPLUS^20121128^0607^48553^X^005010~  
ST^997^000048553~  
AK1^PO^8398~  
AK2^850^0001~  
AK5^E^5~  
AK2^850^0002~  
AK5^A~  
AK2^850^0003~  
AK5^A~  
AK2^850^0004~  
AK5^A~  
AK9^E^4^4^4~  
SE^12^000048553~  
GE^1^48553~  
IEA^1^000272538~

**AK201** is the transaction set ID found in the ST segment (ST01) in the transaction set *being* acknowledged.

# EDI855 – Order Confirmation

## BradyPLUS EDI 855 Specification

Segment	Element	ID	Name	Usage	Type	Min/Max	Comments
<b>ISA Segment</b>							
ISA	1	I01	AUTHORIZATION QUAL	M	ID	2/2	00-NO AUTHORIZATION
ISA	2	I02	AUTHORIZATION INFO	M	AN	10/10	SPACES
ISA	3	I03	SECURITY INFO QUAL	M	ID	2/2	00 - NO SECURITY INFORMATION PRESENT
ISA	4	I04	SECURITY INFORMATN.	M	AN	10/10	SPACES
ISA	5	I05	INTERCHGE. ID QUAL.	M	ID	2/2	TRADING PARTNER QUALIFIER
ISA	6	I06	INTERCHNG SENDER ID	M	AN	15/15	TRADING PARTNER SENDER ID
ISA	7	I05	INTERCHG. ID QUAL.	M	ID	2/2	ZZ
ISA	8	I07	INTRCHG RECEIVER ID	M	AN	15/15	BRADYPLUS
ISA	9	I08	INTRCHG CREATE DATE	M	DT	6/6	SYSTEM CREATION - YYMMDD FORMAT
ISA	10	I09	INTRCHG CREATE TIME	M	TM	4/4	SYSTEM CREATION - HHMM FORMAT
ISA	11	I10	STANDARD IDENTIFIER	M	ID	1/1	U - U.S. EDI COMMUNITY OF X.12
ISA	12	I11	VERSION BEING USED	M	ID	5/5	00401 - CURRENT STANDARDS
ISA	13	I12	INTERCHG CONTROL NO	M	NO	9/9	VENDOR SUPPLIED CTL NUMBER STARTING AT 000000001 AND INCREMENTING BY 1
ISA	14	I13	ACKNOWLEDGMENT REQ.	M	ID	1/1	0 - NO TRANSMISSION ACKNOWLEDGMENT REQUESTED
ISA	15	I14	TEST INDICATOR	M	ID	1/1	T - TEST DATA P - PRODUCTION DATA
ISA	16	I15	COMPONENT ELEMENT SEPARATOR	M		1/1	>
<b>GS Segment</b>							
GS	1	479	FUNCTIONAL ID	M	ID	2/2	PR - PURCHASE ORDER ACKNOWLEDGEMENT
GS	2	142	APPL. SENDER CODE	M	AN	2/15	TRADING PARTNER SENDER ID
GS	3	124	APPL. RECEIVER CODE	M	AN	2/15	BRADYPLUS
GS	4	37	GROUP DATE	3 M	DT	8/8	CREATION DATE OF DATA GENERATED BY VENDOR CCYYMMDD FORMAT

GS	5	33	GROUP TIME	7 M	TM	4/8	CREATION TIME OF DATA GENERATED BY HHMM FORMAT
GS	6	28	GROUP CONTROL NMBR	M	N	1/9	THIS CONTROL NUMBER WILL BE SENT BACK IN THE 997 (AK102)
GS	7	455	RESPONSIBLE AGCY CD	M	ID	1/2	X - ACCREDITED STANDARDS COMM. X.12
GS	8	480	VERSION/RELEASE	M	ID	1/12	VERSION/RELEASE OF TRANSACTION SETS WITHIN THE GROUP 004010
<b>ST Segment</b>							
ST	1	143	TRANSACTION SET ID	M	ID	3/3	855 - PURCHASE ORDER ACKNOWLEDGEMENT
ST	2	329	TRANS. SET CTL. NO.	M	AN	4/9	CONTROL NUMBER SEQUENTIALLY ASSIGNED BY THE SENDER
<b>BAK Segment</b>							
BAK	1	353	TRANS. PURPOSE CODE	M	ID	2/2	00 - ORIGINAL
BAK	2	587	PURCHASE ORDER TYPE	M	ID	2/2	AC ACKNOWLEDGE - WITH DETAIL AND CHANGE AD ACKNOWLEDGE - WITH DETAIL AH ACKNOWLEDGE - HOLD STATUS AT ACCEPTED RD REJECTED WITH DETAIL
BAK	3	324	PURCHASE ORDER NUMBER	M	AN	1/12	PURCHASE ORDER NUMBER **** The value must match what was sent on the 850 document (BEG03).
BAK	4	373	PURCHASE ORDER DATE	M	DT	8/8	CCYYMMDD FORMAT
BAK	5	328	RELEASE NUMBER	O	AN	1/30	
BAK	6	326	REFERENCE NUMBER	O	AN	1/45	
BAK	9	373	PO RECEIVED DATE	M	DT	8/8	PO RECEIVED DATE (DATE YOU RECEIVED THE ORDER)
<b>REF Segment</b>							

REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	19 - Division Identifier
REF	2	127	REFERENCE NUMBER	M	AN	6/6	Value must match what was on the 850. Invoices missing this field will be rejected within the EDI application.
<b>REF Segment</b>							
REF	1	128	REF ID QUALIFIER	M	ID	2/2	IA – INTERNAL VENDOR NUMBER
REF	2	127	REFERENCE ID	M	AN	1/30	Value must match what was on the 850. Invoices missing this field will be rejected within the EDI application.
<b>DTM Segment</b>							
DTM	1	374	DATE/TIME QUALIFIER	M	ID	3/3	068- CURRENT SCHEDULE SHIP IF YOU CANNOT DO DATES AT THE ITEM LEVEL THEN YOU MUST USE THIS SEGMENT
DTM	2	373	DATE	C	DT	8/8	CCYYMMDD FORMAT
<b>N1 Segment</b>							
N1	1	98	IDENTIFIER CODE	M	ID	2/2	ST - SHIP TO
N1	2	93	NAME	M	AN	1/35	
N1	3	66	ID CODE QUALIFIER	C	ID	1/2	92 – ASSIGNED BY BUYER
N1	4	67	IDENTIFICATION CODE	C	ID	4/30	LOCATION NUMBER This is the location number from the N104 (ST) element of the 850 purchase order.
<b>N2 Segment</b>							
N2	1	92	ADDITIONAL NAME	C	AN	1/60	
N2	2	93	ADDITIONAL NAME	O	AN	1/60	
<b>N3 Segment</b>							
N3	1	166	ADDRESS INFORMATION	O	AN	1/55	SHIP TO STREET ADDRESS
N3	2	166	ADDRESS INFORMATION	O	AN	1/55	SHIP TO STREET ADDRESS
<b>N4 Segment</b>							

N4	1	19	CITY NAME	M	AN	2/30	TEXT FOR CITY NAME
N4	2	156	STATE	M	ID	2/2	STANDARD TWO (2) CHARACTER STATE IDENTIFICATION
N4	3	116	POSTAL CODE	M	ID	4/9	ZIP CODE
N4	4	26	COUNTRY CODE	O	ID	2/3	COUNTRY
<b>PO1 Segment</b>							
PO1	1	350	ASSIGN IDENTIFICATION	M	AN	1/20	PO Line Number Must match what was sent on the 850
PO1	2	330	QUANTITY ORDERED	M	R	1/5	ITEM QUANTITY Cannot be greater than what was sent on the 850
PO1	3	355	UNIT OF MEASURE	M	ID	2/2	UNIT OF MEASURE Must match what was sent on the 850
PO1	4	212	UNIT PRICE	C	R	1/8	UNIT PRICE Must match what was sent on the 850
PO1	6	235	PRODUCT ID QUAL.	M	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
PO1	7	234	PRODUCT/SERVICE ID	M	AN	1/30	Must match what was sent on the 850. If BP was not on the 850, you must have a value here to meet syntax requirements. You can copy the values you have for IT108 and 09. See data second example as a guide.
PO1	8	235	PRODUCT ID QUAL.	C	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
PO1	9	234	PRODUCT/SERVICE ID	O	AN	1/30	Must match what was sent on the 850

PO1	10	235	PRODUCT ID QUAL.	C	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
PO1	11	234	PRODUCT/SERVICE ID	O	AN	1/30	Must match what was sent on the 850
PO1	12	235	PRODUCT ID QUAL.	C	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
PO1	13	234	PRODUCT/SERVICE ID	O	AN	1/30	Must match what was sent on the 850
<b>ACK Segment</b>							
ACK	1	668	LINE ITEM STATUS CODE	M	ID	2/2	AC ITEM ACCEPTED AND SHIPPED IA ITEM ACCEPTED IB ITEM BACKORDERED IC ITEM ACCEPTED - CHANGES MADE ID ITEM DELETED IP ITEM ACCEPTED - PRICE CHANGED IQ ITEM ACCEPTED - QUANTITY CHANGED IR ITEM REJECTED
ACK	2	380	QUANTITY	M	R	1/15	SCHEDULED QUANTITY
ACK	3	355	UNIT OF MEASURE	M	ID	2/2	UNIT OF MEASURE
ACK	4	374	DATE/TIME QUALIFIER	O	ID	3/3	068- CURRENT SCHEDULE SHIP BradyPLUS prefers dates at the item level, but if you cannot provide dates at the line level, then be sure to use the DTM segment at the header level.
ACK	5	373	DATE	C	DT	8/8	CURRENT SCHEDULE SHIP DATE CCYYMMDD FORMAT BradyPLUS prefers dates at the item level, but if you cannot provide dates at the line level, then be sure to use the DTM segment at the header level.
<b>CTT Segment</b>							

CTT	1	354	NO. OF LINE ITEMS	M	N	1/6	NUMBER OF LINE SEGMENTS
<b>SE Segment</b>							
SE	1	96	NO. OF INCLUDED SEG	M	N	1/6	NUMBER OF INCLUDED SEGMENTS IN THE TRANSACTION SET INCLUDING ST AND SE
SE	2	329	TRANS. SET CNTL. NO	M	AN	4/9	TRANSACTION SET CONTROL NUMBER SAME AS THE ST02
<b>GE Segment</b>							
GE	1	97	NO. OF INCLUDED SET	M	N	1/6	TOTAL NUMBER OF ST SEGMENTS WITHIN FUNCTIONAL GROUP
GE	2	28	GROUP CONTROL NMBR.	M	N	9/9	FUNCTIONAL GROUP CONTROL NUMBER SAME AS THE GS06
<b>IEA Segment</b>							
IEA	1	116	NUMBER OF INC. GRPS	M	N	1/5	TOTAL NUMBER OF FUNCTIONAL GROUPS (GS SEGMENTS)
IEA	2	112	INTERCHG. CNTL. NO.	M	N	9/9	SEQUENCE NUMBER SAME AS ISA13

## 855 Data Example

```

ISA^00^  ^00^  ^ZZ^123456789  ^ZZ^BRADYPLUS  ^240121^1627^U^00401^000002209^0^P^>~
GS^PR^123456789^BRADYPLUS^20240121^1627^2209^X^004010~
ST^855^6620~
BAK^00^AD^PO999999^20240121^^^20240121~
REF^19^P21BPS~
REF^IA^123456~
REF^CO^5241564~
REF^PR^348321~
DTM^002^20240121~
N1^ST^BRADYPLUS^92^6100~
N3^635 WOODLAND AVEFIRE~
N4^KANSAS CITY^MO^64106~
PO1^1^8^PK^22.15^^VN^525867^UK^02649833212778^BP^58895211^UP^012548887742~
ACK^IA^8^PK^068^20240121~
PO1^2^5^EA^14.75^^VN^510166^UK^02649833101661^BP^58874545^UP^025454765487~

```

ACK^IR^5^EA~

CTT^2~

SE^16^6620~

GE^1^2209~

IEA^1^000002209~

# EDI856 – Ship Notice

Segment	Element	ID	Name	Usage	Type	Min/Max	Comments
<b>ISA Segment</b>							
ISA	1	I01	AUTHORIZATION QUAL	M	ID	2/2	00-NO AUTHORIZATION
ISA	2	I02	AUTHORIZATION INFO	M	AN	10/10	SPACES
ISA	3	I03	SECURITY INFO QUAL	M	ID	2/2	00 - NO SECURITY INFORMATION PRESENT
ISA	4	I04	SECURITY INFORMATN.	M	AN	10/10	SPACES
ISA	5	I05	INTERCHGE. ID QUAL.	M	ID	2/2	TRADING PARTNER QUALIFIER
ISA	6	I06	INTERCHNG SENDER ID	M	AN	15/15	TRADING PARTNER SENDER ID
ISA	7	I05	INTERCHG. ID QUAL.	M	ID	2/2	ZZ
ISA	8	I07	INTRCHG RECEIVER ID	M	AN	15/15	BRADYPLUS
ISA	9	I08	INTRCHG CREATE DATE	M	DT	6/6	SYSTEM CREATION - YYMMDD FORMAT
ISA	10	I09	INTRCHG CREATE TIME	M	TM	4/4	SYSTEM CREATION - HHMM FORMAT
ISA	11	I10	STANDARD IDENTIFIER	M	ID	1/1	U - U.S. EDI COMMUNITY OF X.12
ISA	12	I11	VERSION BEING USED	M	ID	5/5	00401 - CURRENT STANDARDS
ISA	13	I12	INTERCHG CONTROL NO	M	NO	9/9	VENDOR SUPPLIED CTL NUMBER STARTING AT 000000001 AND INCREMENTING BY 1
ISA	14	I13	ACKNOWLEDGMENT REQ.	M	ID	1/1	0 - NO TRANSMISSION ACKNOWLEDGMENT REQUESTED
ISA	15	I14	TEST INDICATOR	M	ID	1/1	T - TEST DATA P - PRODUCTION DATA
ISA	16	I15	COMPONENT ELEMENT SEPARATOR	M		1/1	>
<b>GS Segment</b>							
GS	1	479	FUNCTIONAL ID	M	ID	2/2	SH – Ship Notice/Manifest
GS	2	142	APPL. SENDER CODE	M	AN	2/15	TRADING PARTNER SENDER ID
GS	3	124	APPL. RECEIVER CODE	M	AN	2/15	BRADYPLUS
GS	4	37	GROUP DATE	3 M	DT	8/8	CREATION DATE OF DATA GENERATED BY VENDOR CCYYMMDD FORMAT

<b>GS</b>	<b>5</b>	33	GROUP TIME	7 M	TM	4/8	CREATION TIME OF DATA GENERATED BY HHMM FORMAT
<b>GS</b>	<b>6</b>	28	GROUP CONTROL NMBR	M	N	1/9	THIS CONTROL NUMBER WILL BE SENT BACK IN THE 997 (AK102)
<b>GS</b>	<b>7</b>	455	RESPONSIBLE AGCY CD	M	ID	1/2	X - ACCREDITED STANDARDS COMM. X.12
<b>GS</b>	<b>8</b>	480	VERSION/RELEASE	M	ID	1/12	VERSION/RELEASE OF TRANSACTION SETS WITHIN THE GROUP 004010
<b>ST Segment</b>							
<b>ST</b>	<b>1</b>	143	TRANSACTION SET ID	M	ID	3/3	856 – SHIP NOTICE/MANIFEST
<b>ST</b>	<b>2</b>	329	TRANS. SET CTL. NO.	M	AN	4/9	CONTROL NUMBER SEQUENTIALLY ASSIGNED BY THE SENDER
<b>BSN Segment</b>							
<b>BSN</b>	<b>1</b>	353	TRANSACTION SET PURPOSE CODE	M	ID	2/2	00 – ORIGINAL ONLY CODE ACCEPTED
<b>BSN</b>	<b>2</b>	396	SHIPMENT IDENTIFICATION	M	AN	2/30	ASN ID - IF NO ASN ID IS AVAILABLE SEND BOL # OR CARRIER PRO NUMBER
<b>BSN</b>	<b>3</b>	373	DATE	M	DT	8/8	
<b>BSN</b>	<b>4</b>	337	TIME	M	TM	4/8	
<b>HL Segment</b>							
<b>HL</b>	<b>1</b>	628	HIERARCHICAL ID NUMBER	M	AN	1/12	1
<b>HL</b>	<b>2</b>	734	HIERARCHICAL PARENT ID NUMBER	O	AN	1/12	
<b>HL</b>	<b>3</b>	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	S - SHIPMENT
<b>TD1 Segment</b>							
<b>TD1</b>	<b>1</b>	103	PACKAGING CODE	M	AN	3/5	PLT - PALLET CTN - CARTON MIX - MIXED CONTAINERS
<b>TD1</b>	<b>2</b>	80	LADING QUANTITY	M	N0	1/7	NUMBER OF PACKAGING UNITS IN THE SHIPMENT AS DESCRIBED IN TD101.
<b>TD1</b>	<b>6</b>	187	WEIGHT QUALIFIER	M	ID	43467	G – GROSS WEIGHT
<b>TD1</b>	<b>7</b>	81	WEIGHT	M	R	43475	WE CAN ACCEPT UP TO 3 DECIMAL POSITIONS
<b>TD1</b>	<b>8</b>	355	UNIT OR BASIS FOR MEASUREMENT CODE	M	ID	2/2	LB – POUNDS

TD5 Segment							
TD5	2	66	IDENTIFICATION CODE QUALIFIER	M	ID	1/2	2 FOR SCAC
TD5	3	67	IDENTIFICATION CODE	M	AN	2/80	SCAC CODE
REF Segment							
REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	19 - Division Identifier
REF	2	127	REFERENCE NUMBER	M	AN	6/6	Value must match what was on the 850. Invoices missing this field will be rejected within the EDI application.
REF Segment							
REF	01	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	'IA - VENDOR NUMBER
REF	02	127	REFERENCE NUMBER	M	AN	6/6	Value must match what was on the 850. Invoices missing this field will be rejected within the EDI application.
REF Segment							
REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	'BM' - BILL OF LADING
REF	2	127	REFERENCE NUMBER	M	AN	6/6	'BILL OF LADING NUMBER
REF Segment							
REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	'CN' - CARRIER REFERENCE NUMBER
REF	2	127	REFERENCE NUMBER	M	AN	6/6	PRO NUMBER
DTM Segment							
DTM	1	374	DATE/TIME QUALIFIER	M	ID	3/3	'011' - SHIPPED DATE SHIP DATE CCYYMMDD
DTM	2	373	DATE	M	DT	8/8	
DTM Segment							

<b>DTM</b>	<b>1</b>	374	DATE/TIME QUALIFIER	M	ID	3/3	'017' – ESTIMATED DELIVERY DATE
<b>DTM</b>	<b>2</b>	373	DATE	M	DT	8/8	DATE CCYMMDD
<b>FOB Segment</b>							
<b>FOB</b>	<b>1</b>	146	SHIP METHOD PAYMENT	M	ID	2/2	CC – COLLECT PP - PREPAID
<b>N1 Segment</b>							
<b>N1</b>	<b>1</b>	98	ENTITY IDENTIFIER CODE	M	ID	2/2	SF - SHIP FROM
<b>N1</b>	<b>2</b>	93	NAME	M	AN	1/35	NAME
<b>N3 Segment</b>							
<b>N3</b>	<b>1</b>	166	ADDRESS INFORMATION	O	AN	1/55	ADDRESS INFORMATION
<b>N3</b>	<b>2</b>	166	ADDRESS INFORMATION	O	AN	1/55	ADDRESS INFORMATION
<b>N4 Segment</b>							
<b>N4</b>	<b>1</b>	19	CITY NAME	M	AN	2/30	TEXT FOR CITY NAME
<b>N4</b>	<b>2</b>	156	STATE	M	ID	2/2	STANDARD TWO (2) CHARACTER STATE IDENTIFICATION
<b>N4</b>	<b>3</b>	116	POSTAL CODE	M	ID	4/9	ZIP CODE
<b>N4</b>	<b>4</b>	26	COUNTRY CODE	M	ID	2/3	COUNTRY
<b>N1 Segment</b>							
<b>N1</b>	<b>1</b>	98	ENTITY IDENTIFIER CODE	M	ID	2/2	ST - SHIP TO
<b>N1</b>	<b>2</b>	93	NAME	M	AN	1/35	
<b>N1</b>	<b>3</b>	66	ID CODE QUALIFIER	C	ID	1/2	92 – ASSIGNED BY BUYER
<b>N1</b>	<b>4</b>	67	IDENTIFICATION CODE	C	ID	4/4	LOCATION NUMBER This is the location number from the N1 ST04 element of the 850 purchase order.
<b>N2 Segment</b>							
<b>N2</b>	<b>1</b>	93	ADDITIONAL NAME	C	AN	1/60	If it was on the order, you are expected to return it on the ASN.
<b>N2</b>	<b>2</b>	93	ADDITIONAL NAME	C	AN	1/60	If it was on the order, you are expected to return it on the ASN.
<b>N3 Segment</b>							
<b>N3</b>	<b>1</b>	166	ADDRESS INFORMATION	O	AN	1/55	ADDRESS INFORMATION
<b>N3</b>	<b>2</b>	166	ADDRESS INFORMATION	O	AN	1/55	ADDRESS INFORMATION

N4 Segment							
N4	1	19	CITY NAME	M	AN	2/30	TEXT FOR CITY NAME
N4	2	156	STATE	M	ID	2/2	STANDARD TWO (2) CHARACTER STATE IDENTIFICATION
N4	3	116	POSTAL CODE	M	ID	4/9	ZIP CODE
N4	4	26	COUNTRY CODE	M	ID	2/3	COUNTRY
PER Segment							
PER	1	366	CONTACT FUNCTION CODE	M	ID	2/2	IC - INFORMATION CONTACT
PER	2	92	NAME	O	AN	1/60	ORDER CONTACT PERSON NAME
PER	3	365	COMMUNICATION QUALIFIER	X	ID	2/2	TE - TELEPHONE NUMBER
PER	4	364	COMMUNICATION NUMBER	O	AN	1/80	ORDER CONTACT TELEPHONE NUMBER
PER	5	365	COMMUNICATION QUALIFIER	X	ID	2/2	EM - EMAIL
PER	6	364	COMMUNICATION NUMBER	O	AN	1/80	ORDER CONTACT EMAIL ADDRESS
HL Segment							
HL	1	628	HIERARCHICAL ID NUMBER	M	AN	1/12	SYSTEM INCREMENT
HL	2	734	HIERARCHICAL PARENT ID NUMBER	O	AN	1/12	SYSTEM GENERATED
HL	3	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	O - ORDER
PRF Segment							
PRF	1	324	P.O. NUMBER	M	AN	1/22	BradyPLUS PURCHASE ORDER NUMBER Must match value on the 850
PRF	2	328	P.O. DATE	M	DT	8/8	CCYYMMDD
HL Segment							
HL	1	628	HIERARCHICAL ID NUMBER	M	AN	1/12	SYSTEM INCREMENT
HL	2	734	HIERARCHICAL PARENT ID NUMBER	O	AN	1/12	SYSTEM GENERATED
HL	3	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	I - ITEM
LIN Segment							
LIN	1	350	ASSIGNED IDENTIFICATION	M	AN	1/22	PO Line Item Number - Must match what was sent on the EDI850 for that line
LIN	2	235	PRODUCT/SERVICE ID QUALIFIER	M	ID	8/8	VN - Vendor Part Number BP - BradyPLUS Item Number UP - UPC Number UK - GTIN

LIN	3	234	PRODUCT/SERVICE ID	M	AN	1/20	Must match what was sent on the 850. If VN was not on the 850, you must have a value here to meet syntax requirements. You can copy the values you have for IT108 and 09. See data second example as a guide.
LIN	4	235	PRODUCT/SERVICE ID QUALIFIER	C	ID	2/2	VN - Vendor Part Number BP - BradyPLUS Item Number UP - UPC Number UK - GTIN
LIN	5	234	PRODUCT/SERVICE ID	C	AN	1/30	Must match what was sent on the 850
LIN	6	235	PRODUCT/SERVICE ID QUALIFIER	C	ID	2/2	VN - Vendor Part Number BP - BradyPLUS Item Number UP - UPC Number UK - GTIN
LIN	7	234	PRODUCT/SERVICE ID	C	AN	1/30	Must match what was sent on the 850
LIN	8	235	PRODUCT/SERVICE ID QUALIFIER	C	ID	2/2	VN - Vendor Part Number BP - BradyPLUS Item Number UP - UPC Number UK - GTIN
LIN	9	234	PRODUCT/SERVICE ID	C	AN	1/30	Must match what was sent on the 850
<b>SN1 Segment</b>							
SN1	1	350	ASSIGNED IDENTIFICATION	M	AN	1/20	PO LINE ITEM NUMBER
SN1	2	382	NUMBER OF UNIT SHIPPED	M	R	1/10	UNITS SHIPPED
SN1	3	355	UNIT OF MEASUREMENT	M	ID	2/2	SHIPPED UNIT OF MEASURE - MUST MATCH WHAT IS ON THE 850.
<b>REF Segment (if available)</b>							
REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	'SE' - SERIAL NUMBER
REF	2	127	REFERENCE NUMBER	M	AN	6/6	SERIAL NUMBER
<b>REF Segment (if available)</b>							
REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	'LT' - LOT NUMBER
REF	2	127	REFERENCE NUMBER	M	AN	6/6	LOT NUMBER
<b>CTT Segment</b>							

<b>CTT</b>	<b>1</b>	354	NO. OF LINE ITEMS	M	N	1/6	NUMBER OF LINE SEGMENTS
<b>SE Segment</b>							
<b>SE</b>	<b>1</b>	96	NO. OF INCLUDED SEG	M	N	1/6	NUMBER OF INCLUDED SEGMENTS IN THE TRANSACTION SET INCLUDING ST AND SE
<b>SE</b>	<b>2</b>	329	TRANS. SET CNTL. NO	M	AN	4/9	TRANSACTION SET CONTROL NUMBER SAME AS THE ST02
<b>GE Segment</b>							
<b>GE</b>	<b>1</b>	97	NO. OF INCLUDED SET	M	N	1/6	TOTAL NUMBER OF ST SEGMENTS WITHIN FUNCTIONAL GROUP
<b>GE</b>	<b>2</b>	28	GROUP CONTROL NMBR.	M	N	9/9	FUNCTIONAL GROUP CONTROL NUMBER SAME AS THE GS06
<b>IEA Segment</b>							
<b>IEA</b>	<b>1</b>	116	NUMBER OF INC. GRPS	M	N	1/5	TOTAL NUMBER OF FUNCTIONAL GROUPS (GS SEGMENTS)
<b>IEA</b>	<b>2</b>	112	INTERCHG. CNTL. NO.	M	N	9/9	SEQUENCE NUMBER SAME AS ISA13

## 856 Data Example

```

ISA^00^  ^00^  ^ZZ^123456789  ^ZZ^BRADYPLUS  ^240121^1627^U^00401^000002209^0^P^>~
GS^SH^123456789^BRADYPLUS^20240121^1627^2209^X^004010~
ST^856^000010160~
BSN^00^1754350002^20240629^0607~
HL^1^^S~
TD1^PLT^2^^^G^501^LB~
TD5^^2^WENP~
REF^19^P21BPS~
REF^IA^123456~
REF^BM^MY1754350002~
REF^CN^9903114338~
DTM^011^20240628~
DTM^017^20240701~
N1^ST^BRADYPLUS^92^6100~
N3^635 WOODLAND AVEFIRE~

```

N4^KANSAS CITY^MO^64106~  
N1^RE^SUPPLIER NAME~  
N3^635 OUR BANK RD~  
N4^KANSAS CITY^MO^64106~  
PER^IC^BOB SMITH^TE^8005551212^EM^BOBSMITH@SUPPLIER.COM~  
HL^2^1^O~  
PRF^PO999999~  
HL^3^2^I~  
LIN^1^VN^525867^UK^02649833212778^BP^58895211^UP^012548887742~  
SN1^1^8^PK~  
LIN^2^VN^510166^UK^02649833101661^BP^58874545^UP^025454765487~  
SN1^2^5^EA~  
CTT^2~  
SE^29^000010160~  
GE^1^3995~  
IEA^1^000003995~

# EDI810 – Invoice

## Keys for Successful EDI Invoices

### Invoice Key Data Points:

- Division ID (REF\*19) **must match that of the 850** ← if incorrect or missing, we will not be able to route your invoice for payment
- Vendor number (REF\*IA segment) **must match that of the 850**
- Ship-to location (N104) **must match that of the 850**
- Line number (IT101) **must match that of the 850**
- Quantity (IT102) *should be equal to or less than what was on the order*
- Unit of measure (IT103) **must match that of the 850**
- Vendor Part Number **must match that of the 850**
- BradyPLUS Item Number **must match that of the 850**
- UPC **must match that of the 850**
- Do not send the same item number/UPC across multiple lines unless it is sent that way on the order
- Only use the SAC segment when there is a charge or allowance. Do **NOT** use a line-level charge.
- Please see Business Data Examples at the end of this section

## BradyPLUS EDI 810 Specification

Segment	Element	ID	Name	Usage	Type	Min/Max	Comments
<b>ISA Segment</b>							
ISA	1	I01	AUTHORIZATION QUAL	M	ID	2/2	00-NO AUTHORIZATION
ISA	2	I02	AUTHORIZATION INFO	M	AN	10/10	SPACES
ISA	3	I03	SECURITY INFO QUAL	M	ID	2/2	00 - NO SECURITY INFORMATION PRESENT
ISA	4	I04	SECURITY INFORMATN.	M	AN	10/10	SPACES
ISA	5	I05	INTERCHGE. ID QUAL.	M	ID	2/2	TRADING PARTNER QUALIFIER
ISA	6	I06	INTERCHNG SENDER ID	M	AN	15/15	TRADING PARTNER SENDER ID
ISA	7	I05	INTERCHG. ID QUAL.	M	ID	2/2	ZZ
ISA	8	I07	INTRCHG RECEIVER ID	M	AN	15/15	BRADYPLUS
ISA	9	I08	INTRCHG CREATE DATE	M	DT	6/6	SYSTEM CREATION - YYMMDD FORMAT
ISA	10	I09	INTRCHG CREATE TIME	M	TM	4/4	SYSTEM CREATION - HHMM FORMAT
ISA	11	I10	STANDARD IDENTIFIER	M	ID	1/1	U - U.S. EDI COMMUNITY OF X.12
ISA	12	I11	VERSION BEING USED	M	ID	5/5	00401 - CURRENT STANDARDS
ISA	13	I12	INTERCHG CONTROL NO	M	NO	9/9	VENDOR SUPPLIED CTL NUMBER STARTING AT 000000001 AND INCREMENTING BY 1
ISA	14	I13	ACKNOWLEDGMENT REQ.	M	ID	1/1	0 - NO TRANSMISSION ACKNOWLEDGMENT REQUESTED
ISA	15	I14	TEST INDICATOR	M	ID	1/1	T - TEST DATA P - PRODUCTION DATA
ISA	16	I15	COMPONENT ELEMENT SEPARATOR	M		1/1	>

GS Segment							
GS	1	479	FUNCTIONAL ID	M	ID	2/2	IN - INVOICE
GS	2	142	APPL. SENDER CODE	M	AN	2/15	TRADING PARTNER SENDER ID
GS	3	124	APPL. RECEIVER CODE	M	AN	2/15	BRADYPLUS
GS	4	37	GROUP DATE	3 M	DT	8/8	CREATION DATE OF DATA GENERATED BY VENDOR CCYMMDD FORMAT
GS	5	33	GROUP TIME	7 M	TM	4/8	CREATION TIME OF DATA GENERATED BY HHMM FORMAT
GS	6	28	GROUP CONTROL NMBR	M	N	1/9	THIS CONTROL NUMBER WILL BE SENT BACK IN THE 997 (AK102)
GS	7	455	RESPONSIBLE AGCY CD	M	ID	1/2	X - ACCREDITED STANDARDS COMM. X.12
GS	8	480	VERSION/RELEASE	M	ID	1/12	VERSION/RELEASE OF TRANSACTION SETS WITHIN THE GROUP 004010
ST Segment							
ST	1	143	TRANSACTION SET ID	M	ID	3/3	810 - INVOICE
ST	2	329	TRANS. SET CTL. NO.	M	AN	4/9	CONTROL NUMBER SEQUENTIALLY ASSIGNED BY THE SENDER
BIG Segment							
BIG	1	373	INVOICE DATE	M	DT	8/8	INVOICE DATE CCYMMDD FORMAT
BIG	2	76	INVOICE NUMBER	M	AN	1/12	INVOICE NUMBER ASSIGNED BY SENDER
BIG	4	324	PURCHASE ORDER NUMBER	M	AN	1/12	ORIGINAL PURCHASE ORDER NUMBER, AS RECEIVED ON THE 850
BIG	7	640	TRANSACTION TYPE CODE	C	ID	2/2	DI - DEBIT INVOICE - Use for debit invoice CR - CREDIT MEMO
REF Segment							
REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	19 - Division Identifier
REF	2	127	REFERENCE NUMBER	M	AN	6/6	Value must match what was on the 850. Invoices missing this field will be rejected within the EDI application.

## REF Segment

REF	1	128	REFERENCE NUMBER QUALIFIER	M	ID	2/2	IA – INTERNAL VENDOR NUMBER
REF	2	127	REFERENCE NUMBER	M	AN	6/6	BradyPLUS INTERNAL VENDOR NUMBER Value must match what was on the 850. Invoices missing this field will be rejected within the EDI application.

## N1 Segment

N1	1	98	ENTITY IDENTIFIER CODE	M	ID	2/2	RE or RI – Remit To
N1	2	93	NAME	M	AN	1/35	Full company Name FYI - We match based on name

## N2 Segment

N2	1	93	ADDITIONAL NAME	C	AN	1/60	
N2	2	93	ADDITIONAL NAME	C	AN	1/60	

## N3 Segment

N3	1	166	ADDRESS INFORMATION	O	AN	1/55	
N3	2	166	ADDRESS INFORMATION	O	AN	1/55	

## N4 Segment

N4	1	19	CITY NAME	M	AN	2/30	CITY NAME
N4	2	156	STATE	M	ID	2/2	STANDARD TWO (2) CHARACTER STATE IDENTIFICATION
N4	3	116	POSTAL CODE	M	ID	4/9	ZIP CODE
N4	4	26	COUNTRY CODE	M	ID	2/3	COUNTRY

## N1 Segment

N1	1	98	ENTITY IDENTIFIER CODE	M	ID	2/2	ST - SHIP TO
N1	2	93	NAME	M	AN	1/35	
N1	3	66	ID CODE QUALIFIER	C	ID	1/2	92 – ASSIGNED BY BUYER

N1	4	67	IDENTIFICATION CODE	C	ID	4/4	LOCATION NUMBER This is the location number from the N1 ST04 element of the 850 purchase order.
<b>N2 Segment</b>							
N2	1	93	ADDITIONAL NAME	C	AN	1/60	
N2	2	93	ADDITIONAL NAME	C	AN	1/60	
<b>N3 Segment</b>							
N3	1	166	ADDRESS INFORMATION	O	AN	1/55	SHIP TO STREET ADDRESS
N3	2	166	ADDRESS INFORMATION	O	AN	1/55	SHIP TO STREET ADDRESS
<b>N4 Segment</b>							
N4	1	19	CITY NAME	M	AN	2/30	TEXT FOR CITY NAME
N4	2	156	STATE	M	ID	2/2	STANDARD TWO (2) CHARACTER STATE IDENTIFICATION
N4	3	116	POSTAL CODE	M	ID	4/9	ZIP CODE
N4	4	26	COUNTRY CODE	M	ID	2/3	COUNTRY
<b>DTM Segment</b>							
DTM	1	374	DATE/TIME QUALIFIER	M	ID	3/3	011 - DATE SHIPPED
DTM	2	373	DATE	M	DT	8/8	CCYYMMDD FORMAT
<b>IT1 Segment</b>							
IT1	1	350	ASSIGNED IDENTIFICATION	M	AN	1/20	PO Line Number Must match what was sent on the 850
IT1	2	358	QUANTITY INVOICED	M	R	1/10	ITEM QUANTITY Cannot be greater than what was sent on the 850
IT1	3	355	UNIT OF MEASURE CODE	M	ID	2/2	UNIT OF MEASURE Must match what was sent on the 850
IT1	4	212	UNIT PRICE	M	R	1/14	UNIT PRICE Must match what was sent on the 850

IT1	6	235	PROD. ID QUALIFIER	M	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
IT1	7	234	PRODUCT ID	M	AN	1/30	Must match what was sent on the 850. If BP was not on the 850, you must have a value here to meet syntax requirements. You can copy the values you have for IT108 and 09. See data second example as a guide.
IT1	8	235	PROD. ID QUALIFIER	C	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
IT1	9	234	PRODUCT ID	C	AN	1/30	Must match what was sent on the 850
IT1	10	235	PROD. ID QUALIFIER	C	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
IT1	11	234	PRODUCT ID	C	AN	1/30	Must match what was sent on the 850
IT1	12	235	PROD. ID QUALIFIER	C	ID	2/2	BP – BradyPLUS Item Number VN - Vendor Part Number UP – UPC Number UK - GTIN
IT1	13	234	PRODUCT ID	C	AN	1/30	Must match what was sent on the 850
<b>TDS Segment</b>							
TDS	1	361	AMOUNT	M	N2	1/15	TOTAL INVOICE AMOUNT Ex: 9950 = \$95.50
TDS	2	362	AMOUNT	C	N2	1/15	AMOUNT SUBJECT TO TERMS DISCOUNT Ex: 9950 = \$95.50
<b>CAD Segment</b>							
CAD	1	91	TRANSPORTATION CODE	M	ID	1/2	T - THE BEST WAY

CAD	4	140	STANDARD CARRIER ALPHA CODE	M	ID	2/4	
CAD	5	387	ROUTING	M	AN	AN	DESCRIPTION OF CARRIER (OK TO USE SCAC CODE)
CAD	7	128	REF ID QUALIFIER	O	ID	2/3	'TQ' TRACE NUMBER
CAD	8	127	REFERENCE ID	C	AN	1/30	SHIPMENT TRACKING NUMBER
SAC Segment							Conditional - Only use when there is a charge or allowance
SAC	1	248	CHG/ALLOW INDICATOR	M	ID	1/1	A - ALLOWANCE C - CHARGE
SAC	2	1300	SPECIAL CHARGE CODE	X	ID	4/4	D240 Freight In
SAC	5	610	TOTAL AMOUNT	X	N2	1/15	AMOUNT Ex: 9950 = \$95.50
SAC	12	331	CHG MTHD HDLNG CODE	X	ID	2/2	02 - OFF INVOICE
ISS Segment							
ISS	3	81	WEIGHT	C	R	1/10	TOTAL INVOICE WEIGHT
ISS	4	355	UNIT OR BASIS OF MEASUREMENT	C	ID	2/2	LB - POUNDS
CTT Segment							
CTT	1	354	NO. OF LINE ITEMS	M	N	1/6	NUMBER OF IT1 SEGMENTS PRESENT IN THE TRANSACTION SET
SE Segment							
SE	1	96	NO. OF INCLUDED SEG	M	N	1/6	NUMBER OF INCLUDED SEGMENTS IN THE TRANSACTION SET INCLUDING ST AND SE
SE	2	329	TRANS. SET CNTL. NO	M	AN	4/9	TRANSACTION SET CONTROL NUMBER SAME AS THE ST02
GE Segment							
GE	1	97	NO. OF INCLUDED SET	M	N	1/6	TOTAL NUMBER OF ST SEGMENTS WITHIN FUNCTIONAL GROUP
GE	2	28	GROUP CONTROL NMBR.	M	N	9/9	FUNCTIONAL GROUP CONTROL NUMBER SAME AS THE GS06

IEA Segment							
IEA	1	I16	NUMBER OF INC. GRPS	M	N	1/5	TOTAL NUMBER OF FUNCTIONAL GROUPS (GS SEGMENTS)
IEA	2	I12	INTERCHG. CNTL. NO.	M	N	9/9	SEQUENCE NUMBER SAME AS ISA13

## 810 Data Example

ISA^00^ ^00^ ^ZZ^SUPPLIER ISA ^ZZ^BRADYPLUS ^180907^0303^U^00401^100000174^0^P^>~  
 GS^IN^SUPPLIER GS^BRADYPLUS^20180907^0303^1174^X^004010~  
 ST^810^1174~  
 BIG^20240517^IN15245^^PO999999^^^DI~  
 REF^19^P21BPS~  
 REF^IA^123456~  
 N1^ST^BRADYPLUS^92^IND~  
 N3^9041 Orly Road^Suite 200~  
 N4^Indianapolis^IN^46241^US~  
 DTM^011^20240417~  
 IT1^1001^5^EA^99.99^^VN^081593458^BP^3331045^UP^012547895214~  
 IT1^1002^5^EA^99.99^^VN^075645652^BP^5441041^UP^013895742552~  
 TDS^101040^99990~  
 CAD^T^^^FEDG^FEDEX GROUND^^TQ^124534515435545~  
 SAC^C^D240^^^1050^^^^^^02~  
 ISS^^^19.25^LB~  
 CTT^2~  
 SE^15^1174~  
 GE^1^1174~  
 IEA^1^100000174~