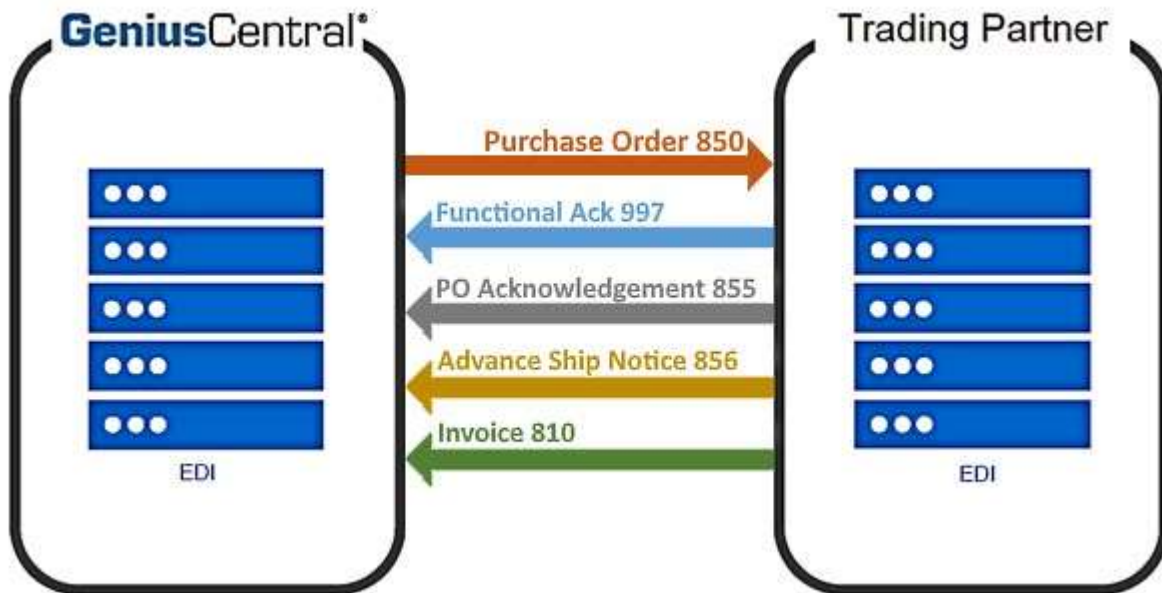


EDI Ordering Integration

GeniusCentral's EDI Integration is based on AS2 transport specification (rfc4130). This documentation is intended for Trading Partners or IT staff experienced with EDI. This basic overview outlines the communication transmission of purchase orders, return receipt of Functional Acknowledgements, Advanced Shipping Notifications and Invoices.

Questions or feedback about this documentation can be sent to api@geniuscentral.com.



GeniusCentral Partner Specification

AS2 Identifier: GENIUSCENTRALAS2

ISA Qualifier: 16

ISA ID: 123376704

GS ID: 123376704

URL: <http://edi.prod.geniuscentral.com:4080/msgsrv/as2>

Protocol timeout (minutes): 4

Format: Encrypted and Signed;

Encryption algorithm: DES3;

Encryption strength: 168;

Encryption certificate: Genius Central - Default Certificate;

Hashing algorithm: SHA1;

MDN capabilities: Signing capability: Signed and unsigned receipt;

Synchronous/asynchronous MDNs: Synchronous and Asynchronous;

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The information on the following pages will detail the segment IDs, segment name and description as well as a sample.

850 Purchase Order

Segment	Sample Value	Name of Segment	Description of Segment
ST		Transaction Set Header	Indicate the start of a transaction
ST.01	850	Transaction Set ID	Purchase Order
ST.02	1303922	Transaction Set Control Number	LivNat Order ID
BEG		Beginning of Transaction	
BEG.01	00	Transaction Set Code	
BEG.02	NE	Purchase Order Type Code	NE New Order
BEG.03	5603007	Transaction Number	Livnat OrderID
BEG.04	NOT USED		CCYYMMDD format
BEG.05	20160504	Purchase Order Date (YYYYMMDD)	
N9			
N9.01	ZZ		
N9.02	Comments		
MSG			
MSG.01	Message		
N1		Name	
N1.01	ST	Entity Identifier Code	BT = Bill-to-Party, ST = Ship-To-Party
N1.02	Harmony Farms	Name	Name of organization or party
N1.03	92	ID code Qualifier	
N1.04	11061	ID code for the party or organization	DC #
PO1		Baseline Item Detail	
PO1.01	NOT USED	Assigned Identification	
PO1.02	3	Quantity Ordered	
PO1.03		Unit of Measure / Optional	
PO1.04	23.99	Unit Price	

PO1.05	NOT USED		
PO1.06	UP	Product/Service ID Qualifier	
PO1.07	670480202104	Product UPC	
PO1.08	VN	Product/Service ID Qualifier	
PO1.09	20210	SKU	

CTT		Transaction Totals	
CTT.01	8	Number of Line items	
SE		Transaction Set Trailer	
SE.01	15	Number of Included Segments	
SE.02	1303922	Transaction Set Control Number	

997 Functional Acknowledgement

Segment	Sample Value	Name of Segment	Description of Segment
ISA		Interchange Control Header	
ISA.01	00	Authorization Information Qualifier	<i>*Required</i> Must be zeros
ISA.02		Authorization Information	<i>*Required</i> Must be spaces
ISA.03	00	Security Information Qualifier	<i>*Required</i> Must be zeros
ISA.04		Security Information	<i>*Required</i> Must be spaces
ISA.05	16	Interchange ID Qualifier	<i>*Required</i> Duns Number With 4-Character Suffix
ISA.06	0569813430000	Interchange Sender ID	<i>*Required</i>
ISA.07	16	Interchange ID Qualifier	<i>*Required</i> Duns Number With 4-Character Suffix
ISA.08	123376704	Interchange Receiver ID	<i>*Required</i>
ISA.09	130909	Interchange Date	<i>*Required</i> YYMMDD
ISA.10	1331	Interchange Time	<i>*Required</i> HHMM
ISA.11	U	Repetition Separator	<i>*Required</i>
ISA.12	00401	Interchange Control Version Number	<i>*Required</i> The default is 00401 - Standards Approved for Publication.

ISA.13	000236580	Interchange Control Number	<i>*Required</i> Should Match IEA.02
ISA.14	0	Acknowledgment Requested	0 = No, 1 = Yes
ISA.15	P	Interchange Usage Indicator	P = Production, T = Test
GS		Functional Group Header	
GS.01	FA	Functional Identifier Code	<i>*Required</i>
GS.02	0569813430000	Application Sender Code	<i>*Required</i>
GS.03	123376704	Application Receiver's Code	<i>*Required</i>
GS.04	20130909	Date	<i>*Required</i> YYYYMMDD
GS.05	133100	Time	<i>*Required</i> HHMMSS
GS.06	123275	Group Control Number	<i>*Required</i>
GS.07	X	Responsibility Agency Code	<i>*Required</i> X = Accredited Standards Committee X12
GS.08	004010	Version/Release/Industry Identifier Code	<i>*Required</i>
ST		Transaction Set Header	
ST.01	997	Transaction Set Code	<i>*Required</i>
ST.02	0001	Transaction Control Number	<i>*Required</i>
AK1		Functional Group Response Header	
AK1.01	PO	Functional Identifier Code	<i>*Required</i> PO = Purchase Order (850)
AK1.02	5003016	Group Control Number	<i>*Required</i> LN OrderID
AK9		Functional Group Response Trailer	
AK9.01	A	Functional Group Acknowledge Code	<i>*Required</i> A = Accepted, E = Accepted, with Errors, P = Partially Accepted, R = Rejected
AK9.02	1	Number of Transaction sets included	<i>*Required</i>
AK9.03	1	Number of Received Transaction Sets	<i>*Required</i>
AK9.04	1	Number Of Accepted Transaction Sets	<i>*Required</i>

SE		Transaction Set Trailer	
SE.01	4	Number of Included Segments	<i>*Required</i>
SE.02	0001	Transaction Set Control Number	<i>*Required</i>
GE		Functional Group Trailer	
GE.01	3	Number of Transaction Sets included	<i>*Required</i>
GE.02	123275	Group Control Number	<i>*Required</i>
IEA		Interchange Control Trailer	
IEA.01	1	Number of Included Functional Groups	<i>*Required</i>
IEA.02	000236580	Interchange Control Number	<i>*Required</i>

856 Advance Shipping Notice/Manifest (ASN)

Segment	Sample Value	Name of Segment	Description of Segment
ST		Transaction Set Header	Indicate the start of a transaction
ST.01	856	Transaction Set ID	<i>*Required</i> Invoice
ST.02	94863	Transaction Set Control Number	<i>*Required</i> GeniusCentral Order ID
BSN		Beginning Segment for Ship Notice	
BSN.01	00	Transaction set purpose code	<i>*Required</i> 00 –Original
BSN.02	335899183	Shipment Identification	
BSN.03	20121205	Date	<i>*Required</i> Shipping Date
BSN.04	2031	Time	<i>*Required</i> Time
DTM		Date/Time Reference	
DTM.01	11	Date/Time Qualifier	011 - Shipped
DTM.02	02 20121205	Ship Date	
DTM.03	2031	Ship Time	

DTM.04	CT	Time Zone Qualifier	
HL		Hierarchical Level	Identify dependencies among, and the context of, hierarchically groups of segments
HL.01	1	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure
HL.02	2	Hierarchical Parent ID Number	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to.
HL.03	O	Hierarchical Level Code	Order Level
PRF		Purchase Order Reference	
PRF.01	255056	GeniusCentral Order ID	<i>*Required</i>
PRF.07	SO	Order Type	<i>*Required</i> Shipped Order
TD1		Carrier Details QTY and Weight	
TD1.06	G	Weight Qualifier	G - Gross
TD1.07	2.45	Weight	Numeric Value of the weight
TD1.08	LB	Weight Unit	LB - Pounds
TD5		Carrier Details-Routing Sequence	
TD5.01	O	Routing Sequence Code	O – Origin Carrier
TD5.02	94	Identification Code Qualifier	
TD5.03	67	Shipping Option Identification Code	
MAN		Marks and Numbers Information	
MAN.01	CP	Marks and Numbers Qualifier	Code specifying the application or source of Marks and Numbers
MAN.02	8245593002-3094	Marks and Numbers	Tracking Number
SAC		Service, Promotion, Allowance, or Charge information	
SAC.01	N	Allowance or Charge Indicator	N - No
SAC.02	G821	Service, Promotion, Allowance, or Charge Code	

SAC.08	0	Rate	
SAC.12	6	Allowance or Charge Method of Handling Code	
LIN		Item Identification Detail	
LIN.01	1	Assigned Identification	*Required Line number
LIN.02	UP	Product/Service ID Qualifier	*Required
LIN.03	123456789012	UPC	*Required
LIN.04	VN	Product/Service ID Qualifier	VP = Vendor Part Number
LIN.05	3456	Vendor Product Number/SKU	*Required
SN1		Item Detail-Shipment	
SN1.01		Ship notice line-item identification	
SN1.02	6	Quantity Shipped	*Required
SN1.03	EA	Unit or Basis for measurement Code	*Required
PID		Product/Item Description	
PID.01	F	Free form	Item Description Type
PID.05	MELATONIN 2MG T/R 120T	Description	*Required A free-form description to clarify the related data elements and their content
CTT		Transaction Totals	
CTT.01	8	Number of Line items	*Required Total number of line items in the transaction set
SE		Transaction Set Trailer	
SE.01	24	Number of Included Segments	*Required Total number of segments included in a transaction set including ST and SE segments
SE.02	9101	Transaction Set Control Number	*Required LivNat Order ID

810 Invoice

Segment	Sample Value	Name of Segment	Description of Segment
ST		Transaction Set Header	Indicate the start of a transaction
ST.01	810	Transaction Set ID	<i>*Required</i> Invoice
ST.02	9101	Transaction Set Control Number	<i>*Required</i> LivNat Order ID
BIG		Beginning Segment for Invoice	
BIG.01	20160829	Date	<i>*Required</i> Date the order was placed
BIG.02	INV000495	Invoice Number	<i>*Required</i> Identifying number assigned by issuer
BIG.03		Date	Date the order was placed
BIG.04	5603007	Purchase Order Number	<i>*Required</i> Identifying number for Purchase Order assigned by the purchaser
N1		Name	
N1.01	BY	Entity Identifier Code	<i>*Required</i> Code identifying an organizational entity, a physical location, property or an individual
N1.02	Harmony Farms	Name	<i>*Required</i> Free-form name
N3		Address Information	
N3.01	5653 Creedmoor Rd	Address Information	Store Name
N4		Geographic Location	
N4.01	RALEIGH	City Name	Free-form text for city name
N4.02	NC	State or Province Code	Code (Standard State/Province)
N4.03	27612	Postal Code	Code defining international postal zone code excluding punctuation and blanks (zipcode for United States)
IT1		Baseline Item Data (Invoice)	
IT1.01	1	Assigned Identification	Original Line Number from PO
IT1.02	3	Quantity Invoiced	<i>*Required</i> Number of units invoiced
IT1.03	EA	Unit or Basis for Measurement Code	<i>*Required</i> Unit of Measure listed should be the same unit of measure listed in the Purchase Order.

IT1.04	21.59	Unit Price	<i>*Required; Must be inclusive to any item-level discounts/charges</i> Price per unit of product
IT1.05		Basis of Unit Price Code	Code identifying the type of unit price for an item
IT1.06	UP	Product/Service ID Qualifier	<i>*Required</i> Code identifying the type/source of the descriptive number used in Product/Service ID
IT1.07	670480202104	UPC	<i>*Required</i> Identifying number for a product
PID		Product/Item Description	
PID.01	F	Free form	<i>*Required</i> Item Description Type
PID.05	MELATONIN 2MG T/R 120T	Description	<i>*Required</i> A free-form description to clarify the related data elements and their content
TDS		Total Monetary Value Summary	
TDS.01	40288	Amount	<i>*Required</i> Monetary amount
SAC		Service, Promotion, Allowance, or Charge	
SAC.01	C	Allowance or Charge Indicator	<i>*Required in the event order contains an Allowance or Charge</i>
SAC.02	H505	Service, Promotion, Allowance or Charge Code	<i>*Required in the event order contains an Allowance or Charge</i>
SAC.05	408	Amount	<i>*Required in the event order contains an Allowance or Charge</i> Total Formatted without Cents punctuation at the Hundredths
CTT		Transaction Totals	
CTT.01	8	Number of Line items	<i>*Required</i> Total number of line items in the transaction set
SE		Transaction Set Trailer	
SE.01	24	Number of Included Segments	<i>*Required</i> Total number of segments included in a transaction set including ST and SE segments
SE.02	9101	Transaction Set Control Number	<i>*Required</i> LivNat Order ID