TRACELINK UNIVERSITY

Forecast plan response (X12)

Forecasting APIs allow companies to exchange data about anticipated product demand and supply availability with downstream supply chain Partners without giving these Partners access to their serialization system of record. These Forecasts Plan Response are used by suppliers to inform their Partners about their ability to meet the Partners' anticipated demand for specific products and quantities.

The Forecast Plan X12 message is sent from the supplier to the buyer and communicates the supplier's ability to meet the buyers' anticipated product quantity needs for an upcoming period of time.

Contact your TraceLink Services representative for more information about integrating with this message.

- **Message Type**: MPC_FORECAST_PLAN_RESPONSE (Forecast Plan Response)
- **X12 Format**: 830
- **Transform Names**:
  - B2B_EDI_X12_830_ForecastPlanResponse_IB_V2
  - B2B_EDI_X12_830_ForecastPlanResponse_OB_V1

Guidelines

Input Element	Occurs	Length	Description	Example
ISA	1...1	-	**Required.** ISA interchange envelope.	-

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Input Element	Occurs	Length	Description	Example
ISA01	1...1	2/2	**Required.** Qualifier for authorization control number in ISA02.	00
ISA02	1...1	10/10	**Required.** Information used for additional identification or authorization of the interchange sender or the data in the interchange/ 10 spaces a valid entry.	-
ISA03	1...1	2/2	**Required.** Qualifier for security information in ISA04.	00
ISA04	1...1	10/10	**Required.** Identifies security information about the interchange sender or data.	-
ISA05	1...1	2/2	**Required.** Interchange sender partner ID qualifier.	07
ISA06	1...1	15/15	**Required.** Interchange sender identification mapping to fileSenderNumber with party type defined in ISA05.	7777776067344
ISA07	1...1	2/2	**Required.** Interchange receiver partner ID qualifier.	01
ISA08	1...1	1/15	**Required.** Interchange receiver identification mapping to ediInterchangePartyValue for receiver in X12 control file header.	888888404358877
ISA09	1...1	6/6	**Required.** Interchange date in 6 char YYMMDD format.	231020
ISA10	1...1	4/4	**Required.** Interchange time in 4 char HHMM format.	1420
ISA11	1...1	1/1	**Required.** X12 version 4020 and greater use this field to store the repetition separator: A delimiter that separates repeated occurrences of a data element or composite data structure. Must be different than the data element separator, component separator, and segment terminator. X12 versions 4012 and earlier use U in this field.	^
ISA12	1...1	5/5	**Required.** Interchange control version number. Valid value is “00501” .	00501
ISA13	1...1	9/9	**Required.** Interchange control number mapping to file control header.	0000000000619827
ISA14	1...1	1/1	**Required.** Interchange level acknowledgement requested. Valid values: • 0 - No acknowledgement requested • 1 - Interchange level acknowledgement requested	0
ISA15	1...1	1/1	**Required.** Indicates whether the interchange is for production, test, or information purposes. Valid values: • I- Information • P - Production data • T - Test data	P
ISA16	1...1	1/1	**Required.** Component element separator. Delimiter that separates data elements within a composite data structure. Must be different than the data element separator and segment terminator.	>
GS	1...*	-	**Required.** GS group functional envelope. Child of ISA. Only one GS group expected per interchange.	-
GS01	1...1	2/2	**Required.** GS group function code. Valid value is RE - WHS Stock Transfer Receipt Advice.	RE
GS02	1...1	2/15	**Required.** Application Sender's Code.	2222224043588
GS03	1...1	2/15	**Required.** Application Receiver's Code.	TRACELINK
GS04	1...1	8/8	**Required.** Current date stamp in 8 char X12 date format YYYYMMDD.	20301020
GS05	1...1	4/8	**Required.** Current time stamp in 6 char X12 time format HHMMSS.	142000
GS06	1...1	1/9	**Required.** Group Control ID Number.	619827
GS07	1...1	1/2	**Required.** Responsible Agency Code. Valid values: • T - Transportation Data Coordinating Committee (TDCC) • X - Accredited Standards Committee X12	X
GS08	1...1	1/12	**Required.** X12 message version code. Valid value is 005010.	005010
ST	1...*	-	**Required.** ST transaction set envelope. Child of GS group. Only one ST transaction expected.	-
ST01	1...1	3/3	**Required.** Transaction set identifier code.	944
ST02	1...1	4/9	**Required.** Transaction set ID number. Counter for each ST segment beginning with 1.	0001
BFR	1...1	-	**Required.** Sales forecast/planning schedule beginning segment.	-
BFR01	1...1	2/2	**Required.** Processing function code, transaction set purpose code. Valid values: • 00 - ORIGINAL • 01 - CANCEL • 02 - CREATE • 04 - CHANGE • 11 - RESPONSE • 16- PROPOSED	00
BFR02	0...1	1/80	Reference identification: TL forecast plan identifier.	4500003288
BFR03	0...1	1/30	Release number identifying a release against a Purchase Order previously placed by the parties involved in the transaction.	4

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Input Element	Occurs	Length	Description	Example
BFR04	1...1	2/2	**Required.** Forecast schedule type qualifier. Valid values: • AD - AUTHORIZEDDELIVERY • AS - AUTHORIZEDSHIPMENT • BB - CUSTOMERPRODUCTION • DL - DELIVERYBASED"JS - BUYERPRODUCTION • JS - BUYERPRODUCTION • KB - KANBAN • NR - NONRECURRINGDEMAND • PD - PLANNEDDELIVERY • PR - PLANNEDREQUIREMENT • PS - PLANNEDSHIPMENT • RD - RECURRINGDEMAND • SH - SHIPMENTBASED • ZZ - CUSTOM	BB
BFR05	1...1	1/1	**Required.** Schedule quantity qualifier identifying the type of quantities used when defining a schedule or forecast. Valid values: • A - DISCRETE • C - CUMULATIVE • D - NETCHANGE • R - REPLACEMENT	A
BFR06	1...1	8/8	**Required.** Start Date for forecast plan or reference document. Required value. Note: there are three other optional Date field: BFR07, BFR08, BFR09. The standard does not specify what these dates are for. But research in multiple company 830 guidelines show that these are used in different ways by different companies, if used.	20240329
BFR07	0...1	8/8	End Date [YYYYMMDD] .	20240629
BFR08	0...1	8/8	**Required.** Document Date [YYYYMMDD], "Forecast generation date.	20240212
BFR09	0...1	8/8	Not used. Date [YYYYMMDD]	20240329
BFR10	0...1	1/30	Contract identifier for underlying customer purchase order.	000458712
BFR11	0...1	1/22	Purchase order number identifying customer or purchaser PO.	000458712
DTM	0...10	-	DTM header level dates.	-
DTM01	1...1	3/3	**Required.** Date type. The valid value is 067 - SCHEDULEDDELIVERY	067
DTM02	0...1	8/8	Date value in date format YYYYMMDD.	20240329
DTM03	0...1	4/8	Time in time format HHMMSS.	092413
N1	0...1	-	N1: Name segment loop for: • buyer party ... sold to • ship to party • supplier party • ship from party	-
N101	1...1	2/3	**Required.** Entity identifier code for party identifier and address information for sold to party (customert). Valid values: • BY - Buyer • ST - Ship to party • SU - Supplier • SF - Ship from party	BY
N102	1...1	1/60	**Required.** Name.	Wholesale Inc
N103	1...1	1/2	**Required.** Identifier code qualifier. Valid values: • 01 – DUNS • 09 – DUNS+4 • 11 – Drug Enforcement Agency registration number • 21 – Health Industry Number • 54 - Warehouse • 91 – Company identifier • 92 – Company location identifier • UL – Global Location Number	UL
N104	1...1	2/80	**Required.** Buyer party identifier, as qualified by N103.	3333331013655
N3	0...1	-	N3: Address: Child of buyer party N1 name segment.	-
N301	1...1	1/55	**Required.** Street address 1.	555 Neelan Road
N302	0...1	1/55	Street address 2.	Suite 123

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Input Element	Occurs	Length	Description	Example
N4	0...1	-	N4: Geographic Location. Child of buyer party N1 name segment.	-
N401	1...1	2/30	**Required.** City name.	Sacramento
N402	1...1	2/2	**Required.** State or province code. Code (Standard state/province) as defined by appropriate government agency.	CA
N403	1...1	3/15	**Required.** Postal code. Code defining international postal zone code excluding punctuation and blanks.	95833
N404	1...1	2/3	**Required.** Country code.	US
PER	0...1	-	Administrative Communications Contact. PER01- AJ	-
PER01	1...1	2/2	**Required.** Contact Function Code. Valid Enum is AJ - Information Contact	AJ
PER02	0...1	1/60	Name.	ContactName
PER03	0...1	2/2	Communication Qualifier.	TE
PER04	0...1	1/60	Communication Data.	ContactNumber
PER05	0...1	2/2	Communication Qualifier.	EM
PER06	0...1	1/256	Communication Data.	ContactEmail
LIN	0...*	-	**Required.** Transaction set line item details. At least one valid LIN syntax pair for product identifier and type is required.	-
LIN01	0...1	1/20	Line item number.	000010
LIN02	1...1	2/2	**Required.** Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	BP
LIN03	1...1	1/80	**Required.** Product/service identifier value as qualifier by LIN02.	100021
LIN04	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	VN
LIN05	0...1	1/80	Product/service identifier value as qualifier by LIN04.	1000818

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Input Element	Occurs	Length	Description	Example
LIN06	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	UK
LIN07	0...1	1/80	Product/service identifier value as qualifier by LIN06.	00002541789536
LIN08	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	SK
LIN09	0...1	1/80	Product/service identifier value as qualifier by LIN08.	000025417895

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Input Element	Occurs	Length	Description	Example
LIN10	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	UX
LIN11	0...1	1/80	Product/service identifier value as qualifier by LIN10.	100021
LIN12	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	N1
LIN13	0...1	1/80	Product/service identifier value as qualifier by LIN12.	100021

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Input Element	Occurs	Length	Description	Example
LIN14	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	N2
LIN15	0...1	1/80	Product/service identifier value as qualifier by LIN14.	100021
LIN16	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	N2
LIN17	0...1	1/80	Product/service identifier value as qualifier by LIN16.	100021

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Input Element	Occurs	Length	Description	Example
LIN18	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	N3
LIN19	0...1	1/80	Product/service identifier value as qualifier by LIN18.	100021
LIN20	0...1	2/2	Product/Service ID Qualifier. **Valid values:** • B8 - BUYER • LT - LOTNUMBER • PI - CUSTOMER • VN - VENDOR • UK - GTIN14 • UP - UPC • MF - MANUFACTURER • FV - CA_DIN • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • N4 - US_NDC542 • SK - SKU • BP - CUSTOMER • UX - UPC	N4
LIN21	0...1	1/80	Product/service identifier value as qualifier by LIN20.	100021
UIT	0...1	-	**Required.** UIT: Unit item details ... base unit of measure for line item.	-

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Input Element	Occurs	Length	Description	Example
UIT01.1	1...1	2/2	**Required.** Quantity unit of measure for UIT01. **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • C8 – Cubic decimeters • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MQ – Cubic millimeter • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PK – Pack (Only supported Outbound) • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA

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Input Element				Occurs	Length	Description	Example
		DTM		0...10	-	DTM: Dates at the line item level.	-
			DTM01	1...1	3/3	**Required.** Date type. The valid value is 036 - EXPIRATION.	036
			DTM02	0...1	8/8	**Required.** Date value in date format YYYYMMDD.	20240329
			DTM03	0...1	4/8	Time in time format HHMMSS.	092413
		PID		0...*	-	PID: Product/item description.	-
			PID01	0...1	1/1	Item description type. The valid value is F - Free form text.	F
			PID05	0...1	1/80	Product description.	-
		REF		0...*	-	REF segment mapping to plant identifier.	-
			REF01	0...1	2/3	Reference identifier type. The valid value is PE - Plant identifier.	F
			REF02	0...1	1/80	Plant identifier.	012547
		REF		0...*	-	REF: Additional reference info, Forecast Version.	-
			REF01	0...1	2/3	Reference identifier type. The valid value is V0- Version.	F
			REF02	0...1	1/80	Forecast Plan Version.	1
		QTY		0...*	-	QTY: Quantities at item level for sales forecast.	-
			QTY01	1...1	2/2	**Required.** Quantity type. Valid values: • 45 - Cumulative quantity on order (ONORDER) • 87 - Quantity Received (RECEIVED) • VJ - Cumulative Variance (OUTSTANDING)	45
			QTY02	0...1	1/15	**Required.** Quantity value.	200

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Input Element	Occurs	Length	Description	Example
QTY03-01	1...1	2/2	**Required.** Unit of measure for quantity. Quantity UOM's: **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • C8 – Cubic decimeters • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MQ – Cubic millimeter • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PK – Pack (Only supported Outbound) • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA

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Input Element	Occurs	Length	Description	Example
FST	0...*	-	FST: Forecast schedule loop. At least one occurrence of segment FST is required.	-
FST01	1...1	1/15	**Required.** Quantity for current forecast schedule loop.	125
FST02	1...1	1/1	**Required.** Forecast qualifier specifying the sender's confidence level of the forecast data or an action associated with a forecast.	D
FST03	1...1	1/1	**Required.** Forecast timing qualifier. Valid values: • D - DAY • W - WEEK • M - MONTH • F - INTERVAL • A - YEARLY • S - TWICEYEARLY • B - DELIVERY • D - DISCRETE • Q - QUARTER • T - FOURWEEK • Z - CUSTOM	M
FST04	1...1	8/8	**Required.** Forecast schedule line date in date format YYYYMMDD. (From Date)	20240329
FST05	0...1	8/8	Date. (To Date)	20240429
FST06	0...1	3/3	**Required.** Not used. Date qualifier for FST04.	-
FST11	0...1	-	**Required.** Quantity type for FST01 quantity for current forecast schedule loop. Valid values: • 01 - DISCRETE • 02 - CUMULATIVE • H3 - RELEASED	01
CTT	0...1	-	CTT-Transaction Totals	-
CTT01	1...1	1/6	**Required.** Total number of line items in the transaction set	15
SE	1...1	-	**Required.** ST ... SE transaction set trailer envelope. Child of GS group. Only one ST transaction expected.	-
SE01	1...1	1/10	**Required.** Total count of segments in ST ... SE transaction set including ST and SE segments.	10
SE02	1...1	4/9	**Required.** Transaction set control number.	1
GE	1...1	-	**Required.** GS ... GE functional group trailer envelope. Child of ISA interchange. Only one GS group expected.	-
GE01	1...1	1/6	**Required.** Number of transaction sets in functional group.	5
GE02	1...1	1/9	**Required.** Functional group control number.	619827
IEA	1...1	-	**Required.** ISA ... IEA interchange control trailer envelope. Only one interchange expected per transmission.	-
IEA01	1...1	1/5	**Required.** Number of functional groups in interchange.	1
IEA02	1...1	9/9	**Required.** Interchange control number.	0000000000619827

Example

```
ISA*00*          *00*          *20*Sender         *ZZ*Receiver
*240129*1050*^*s10ss*11       *s*s*:~
GS*s1*s16*s17*20240129*1050*12345*X*005010~
ST*110*0010~
BFR*11*SF52365*REL#
253*RD*D*20240920*20240919*20240918*20240917*8196733288*PO8452*AA*00~
DTM*067*20240607~
N1*BY*Buyer*1*001000286~
N3*Buyer Street1*Street2~
N4*Buyer City*PR*111111*US~
PER*AJ*BYPERName*TE*TEL1111*EM*BY_email@corp.com~
N1*ST*ShipTo*91*ST001000286~
N3*ShipTo Street1*STStreet2~
N4*ShipTo City*PR*111111*US~
N1*SU*SUPPLIER*92*COMPANYSITEID~
```

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```
N3*SUPPLIER Address 1*ShipTo Address 2~
N4*SUPPLIER City*YY*ST4545*JP~
PER*AJ*SUPERName*TE*TELShipTo*EM*ST_email@corp.com~
N1*SF*ShipFrom*91*257785475~
N3*SF Stree1*SF Steert2~
N4*SF City*SF*4444*US~
PER*AJ*SFPERName*TE*TELFrom*EM*SF_email@corp.com~
LIN*000010*PI*Customer*VN*Supplier*UK*GTIN14*UP*UPC*MF*Manufacturer*FV
*CA_DIN*SK*SKU*BP*CUSTOMER*LT*Lot55787~
UIT*YR~
DTM*036*20240512*~
PID*F*01*10*D*DESC~
PID*F*02*11*D2*DESC2~
REF*V0*REF-V0~
REF*PE*Plant~
QTY*87*8787780*BG~
QTY*VJ*11111*ST~
QTY*00*5550*EA~
FST*66*E*C*20240129*20240129*001*1212*00*SA*AA*01*00*ABC~
CTT*47~
SE*2*1245~
GE*21*22~
IEA*23*241111111~
```

Review TraceLink's **API: Terms of Use**

Related Content

Forecast plan (IDoc)

Forecasting APIs allow companies to exchange data about anticipated product demand and supply availability with upstream supply chain Partners without giving these Partners access to their serialization system of record.

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Forecast plan (X12)

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Forecast plan response (IDoc)

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View More



Price sales catalog (X12)

Suppliers use price catalogs to communicate their current product pricing, promotions, discounts, and terms of sale with current and potential buyers.

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Return authorization response (IDoc)

Return authorization responses allows suppliers to issue messages after processing return authorization requests from buyers.

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Forecast plan responses

Forecast plans response allow suppliers (e.g.

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