

Texas Instruments  
PIP Implementation Guideline



4A3 TresholdReleaseForecastNotification  
V02\_02\_00; 1; INBOUND

**Pip4A3ThresholdReleaseForecastNotification**

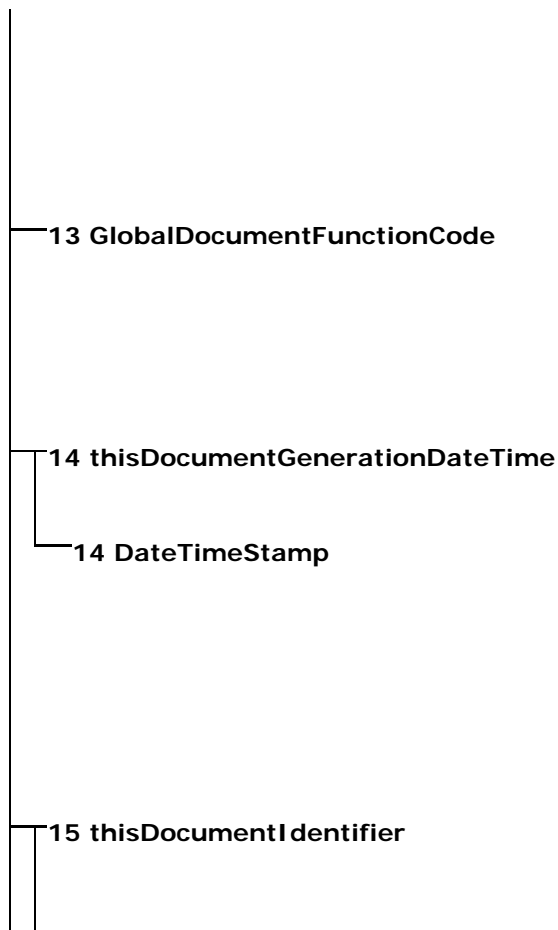
Version: 4A3 TresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND



Element / Attribute	Usage/Length	Description
<b>Pip4A3ThresholdReleaseForecastNotification</b>		
1 fromRole	1..1	<b>Definition:</b> The role initiating a business document exchange. <b>Usage:</b> Required <b>Description:</b> TP information
1 PartnerRoleDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' role in a partner interface process. <b>Usage:</b> Required
2 ContactInformation	1..1	<b>Definition:</b> The collection of business properties that provide communication and address information for contacting a person, organization or business. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 5 facsimileNumber
3 contactName	1..1	<b>Definition:</b> Name of the contact person(s) within the organization. <b>Usage:</b> Required
3 FreeFormText	1..1	<b>Definition:</b> Unformatted text. <b>Usage:</b> Required <b>Description:</b> Trading Partner Contact Name
4 EmailAddress	1..1	<b>Definition:</b> Electronic mail address. <b>Usage:</b> Required <b>Description:</b> Trading Partner email address
6 telephoneNumber	1..1	<b>Definition:</b> The numerical schema designed to achieve contact via telephone. <b>Usage:</b> Required
6 CommunicationsNumber	1..1	<b>Definition:</b> The electro-technical communication number, e.g., telephone number, facsimile number, pager number. <b>Usage:</b> Required <b>Description:</b> Trading Partner Phone no



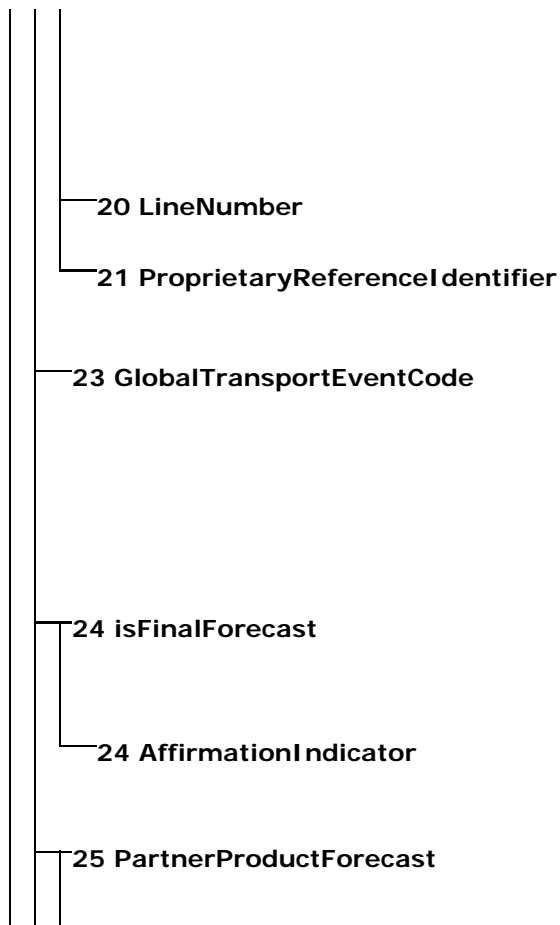
Element / Attribute	Usage/Length	Description
7 GlobalPartnerRoleClassificationCode	1..1	<p><b>Definition:</b> Code identifying a party's role in the supply chain.</p> <p><b>Usage:</b> Required</p> <p><b>Constraint:</b> Only GlobalPartnerRoleClassificationCode equal to Forecast Owner is allowed</p>
<b>Restricted Entity Instance</b>		
		<b>Forecast Owner</b> The party/organization that monitors and identifies exceptions based on predefined exception criteria and sends notifications of the identified exceptions. In a collaborative forecasting process, the Exception Identifier may be the Forecast Owner, Forecast Recipient, Forecast Reply Recipient and/or an external party.
8 PartnerDescription	1..1	<p><b>Definition:</b> The collection of business properties that describe a business partners' identity, their contact information, where they are physically located and their function in a supply chain.</p> <p><b>Usage:</b> Required</p>
9 BusinessDescription	1..1	<p><b>Definition:</b> The collection of business properties that describe a business identity and location.</p> <p><b>Usage:</b> Required</p>
10 GlobalBusinessIdentifier	1..1	<p><b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> Trading Partner DUNS Number</p>
11 GlobalSupplyChainCode	1..1	<p><b>Definition:</b> Code identifying the supply chain for the partner's function.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
		<b>Electronic Components</b> The electronic components supply chain.
12 GlobalPartnerClassificationCode	1..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
		<b>Contract Manufacturer</b> The party responsible for the services rendered.
		<b>Distribution Center</b> Product distributor in supply chain.



Restricted Entity Instance	
<b>Distributor</b>	Product distributor in supply chain.
<b>End User</b>	Product end user in supply chain.
<b>Manufacturer</b>	Product manufacturer in supply chain.
<b>Original Equipment Manufacturer</b>	Product manufacturer of original equipment in the supply chain.
<b>Manufacturer</b>	
<b>Warehouser</b>	Product warehouser in supply chain.
<b>1..1</b>	<b>Definition:</b> Code identifying the function of a document as either a request or a response. <b>Usage:</b> Required <b>Constraint:</b> Only GlobalDocumentFunctionCode equal to Request is allowed
Restricted Entity Instance	
<b>Request</b>	The business document is a request for a business action to be performed by a partner.
<b>1..1</b>	<b>Definition:</b> The date-time stamp indicating when this business document was generated. <b>Usage:</b> Required
<b>1..1</b>	<b>Definition:</b> Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThmmss <b>Usage:</b> Required <b>Description:</b> PIP Creation Date and Time stamp
<b>1..1</b>	<b>Definition:</b> The information that identifies the business document being sent. This identifier is used to represent the specific business document associated with the defined business process. <b>Usage:</b> Required



Element / Attribute	Usage/Length	Description
15 ProprietaryDocumentIdentifier	1..1	<b>Definition:</b> Unique identifier, i.e. a numeric value or alphanumeric value, for a business document. <b>Usage:</b> Required <b>Description:</b> Unique Document ID
16 ThresholdReleaseForecast	1..1	<b>Definition:</b> The collection of business properties that describe future demand requirements information by product, for specific time periods, to be used for build purposes and provide visibility of product demand. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 22 GlobalForecastEventCode
17 forecastGenerationDateTime	1..1	<b>Definition:</b> The date-time stamp indicating when the forecast was generated. <b>Usage:</b> Required
17 DateTimeStamp	1..1	<b>Definition:</b> Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss <b>Usage:</b> Required
18 ForecastIdentifierReference	0..unbounded	<b>Definition:</b> The collection of business properties that describe the various types of proprietary reference identifiers for forecast information. <b>Usage:</b> Optional
19 GlobalForecastReferenceTypeCode	1..1	<b>Definition:</b> Code identifying the classification for type of forecast. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
<b>Blanket purchase order</b>		



Restricted Entity Instance		
<b>number</b>		
<b>Discrete purchase order</b>		
<b>number</b>		
<b>Scheduling agreement</b>		
<b>number</b>		
<b>0..1</b>	<b>Definition:</b>	Number of the line in the document.
	<b>Usage:</b>	Optional
<b>1..1</b>	<b>Definition:</b>	A unique reference identifier for goods, services or business documents.
	<b>Usage:</b>	Required
<b>1..1</b>	<b>Definition:</b>	Code identifying an event during the transportation of a shipment.
	<b>Usage:</b>	Required
	<b>Constraint:</b>	Only GlobalTransportEventCode equal to "Ship", "Dock" is allowed
Restricted Entity Instance		
<b>Dock</b>		
		The event representing when the product should arrive on the recipient's dock.
<b>1..1</b>	<b>Definition:</b>	Indicates whether the business document is final. When a forecast is final it is considered "constrained" forecast data that is "actionable" by the forecast recipient.
	<b>Usage:</b>	Required
<b>1..1</b>	<b>Definition:</b>	Used to indicate "Yes", "No" statements.
	<b>Usage:</b>	Required
	<b>Preferred Value:</b>	"Yes" is the only accepted value
<b>1..unbounded</b>	<b>Definition:</b>	The collection of business properties that describe forecast and customer information for a product.
	<b>Usage:</b>	Required



Element / Attribute	Usage/Length	Description
26 ForecastPartner	1..unbounded	<b>Definition:</b> The collection of business properties that describe the partner types for a forecast. <b>Usage:</b> Required
27 GlobalPartnerReferenceTypeCode	1..1	<b>Definition:</b> Code describing a partner's function as a verb-preposition phrase. <b>Usage:</b> Required <b>Constraint:</b> At least GlobalPartnerReferenceTypeCode equal to "Sold to" is required
<b>Restricted Entity Instance</b>		
		<b>Ship to</b> The partner and/or location to which the product must be delivered.
		<b>Sold to</b> The party to whom a product has been sold.
28 PartnerDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business partners' identity, their contact information, where they are physically located and their function in a supply chain. <b>Usage:</b> Required
29 BusinessDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business identity and location. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 30 businessName 31 businessWebSite 33 PartnerBusinessIdentifier
32 GlobalBusinessIdentifier	0..1	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet. <b>Usage:</b> Optional <b>Description:</b> TP DUNs number



Element / Attribute	Usage/Length	Description
37 ContactInformation	0..1	<p><b>Definition:</b> The collection of business properties that provide communication and address information for contacting a person, organization or business.</p> <p><b>Usage:</b> Optional</p> <p><b>Comment:</b> Not used elements: 39 EmailAddress 40 facsimileNumber</p>
38 contactName	1..1	<p><b>Definition:</b> Name of the contact person(s) within the organization.</p> <p><b>Usage:</b> Required</p>
38 FreeFormText	1..1	<p><b>Definition:</b> Unformatted text.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> This is the Buyer Name</p>
41 telephoneNumber	0..1	<p><b>Definition:</b> The numerical schema designed to achieve contact via telephone.</p> <p><b>Usage:</b> Optional</p>
41 CommunicationsNumber	1..1	<p><b>Definition:</b> The electro-technical communication number, e.g., telephone number, facsimile number, pager number.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> This is the Buyer Phone no.</p>
42 GlobalPartnerClassificationCode	1..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
	<b>Contract Manufacturer</b>	The party responsible for the services rendered.
	<b>Distribution Center</b>	Product distributor in supply chain.
	<b>Distributor</b>	Product distributor in supply chain.
	<b>End User</b>	Product end user in supply chain.
	<b>Manufacturer</b>	Product manufacturer in supply chain.
	<b>Original Equipment Manufacturer</b>	Product manufacturer of original equipment in the supply chain.
	<b>Manufacturer</b>	
	<b>Warehouser</b>	Product warehouser in supply chain.





Element / Attribute	Usage/Length	Description
43 PhysicalLocation 44 GlobalLocationIdentifier	0..1	<b>Definition:</b> The collection of business properties that identify and describe the actual physical location of an entity as prescribed by local postal authorities, including country identification. <b>Usage:</b> Optional <b>Comment:</b> Not used elements: 45 PartnerLocationIdentification 49 PhysicalAddress
59 ProductForecast	1..unbounded	<b>Definition:</b> Location uniquely identified by the DUNS +4 number. <b>Usage:</b> Optional
60 ForecastProductInventory	1..unbounded	<b>Definition:</b> The collection of business properties that describe forecast information for a product. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 63 GlobalForecastEventCode 75 ProductReceiptReference 96 Revision Number 97 TradeOffZone
61 GlobalForecastInventoryTypeCode	1..1	<b>Definition:</b> The collection of business properties that describe inventory by type for a product in a forecast. <b>Usage:</b> Required <b>Constraint:</b> GlobalForecastInventoryTypeCode equal to Minimum Days of Supply Target is allowed only if Minimum InventoryTarget is provided GlobalForecastInventoryTypeCode equal to Maximum Days of Supply Target is allowed only if Maximum InventoryTarget is provided



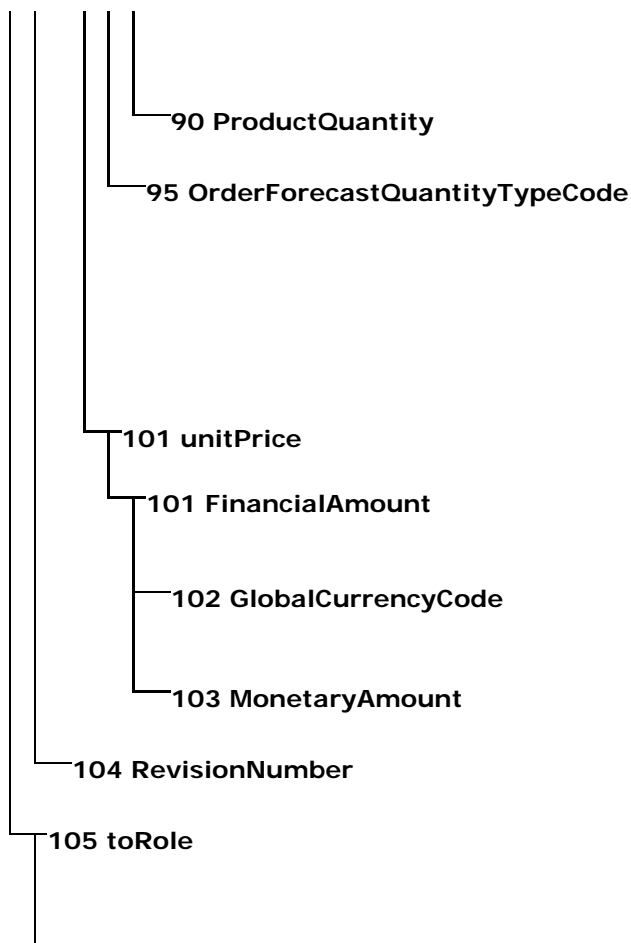
Element / Attribute	Usage/Length	Description
62 ProductInventory	1..1	<b>Definition:</b> A value specifying the inventory of product interm of quantity or days of supply <b>Usage:</b> Required
64 GlobalProductUnitOfMeasureCode	1..1	<b>Definition:</b> Code identifying a product unit of measure. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
<b>Each</b>		
65 productForecastIdentifier	0..unbounded	<b>Definition:</b> The unique identifier that represents a forecast for a product. <b>Usage:</b> Optional
65 ForecastIdentifierReference	1..1	<b>Definition:</b> The collection of business properties that describe the various types of proprietary reference identifiers for forecast information. <b>Usage:</b> Required
66 GlobalForecastReferenceTypeCode	1..1	<b>Definition:</b> Code identifying the classification for type of forecast. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
Blanket purchase order number		
Discrete purchase order number		
Scheduling agreement number		
67 LineNumber	0..1	<b>Definition:</b> Number of the line in the document. <b>Usage:</b> Optional
68 ProprietaryReferenceIdentifier	1..1	<b>Definition:</b> A unique reference identifier for goods, services or business documents. <b>Usage:</b> Required



Element / Attribute	Usage/Length	Description
69 ProductIdentification	1..1	<b>Definition:</b> The collection of business properties that describe proprietary and global identifier information regarding a product. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 70 GlobalProductIdentifier
71 PartnerProductIdentification	0..unbounded	<b>Definition:</b> The collection of business properties that describe proprietary part information. <b>Usage:</b> Optional
72 GlobalPartnerClassificationCode	1..1	<b>Definition:</b> Code identifying a partner's function in the supply chain. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
		<b>Contract Manufacturer</b> The party responsible for the services rendered.
		<b>Distribution Center</b> Product distributor in supply chain.
		<b>Distributor</b> Product distributor in supply chain.
		<b>End User</b> Product end user in supply chain.
		<b>Manufacturer</b> Product manufacturer in supply chain.
		<b>Original Equipment Manufacturer</b> Product manufacturer of original equipment in the supply chain.
		<b>Manufacturer</b>
		<b>Warehouser</b> Product warehouser in supply chain.
73 ProprietaryProductIdentifier	1..1	<b>Definition:</b> An internal identifier used to identify a product. <b>Usage:</b> Required
74 revisionIdentifier	0..1	<b>Definition:</b> Free form text that identifies a revision to a proprietary serial number. <b>Usage:</b> Optional
74 FreeFormText	1..1	<b>Definition:</b> Unformatted text. <b>Usage:</b> Required
80 ProductSchedule	1..unbounded	<b>Definition:</b> The collection of business properties that describe forecast type, forecast date period and forecast quantity information. <b>Usage:</b> Required



Element / Attribute	Usage/Length	Description
81 ForecastProductSchedule	1..unbounded	<b>Definition:</b> The collection of business properties that describe quantity during a specific period for a particular product. <b>Usage:</b> Required <b>Comment:</b> Not used elements: 87 ForecastProductInventory 91 scheduleProductForecastIdentifier
82 ForecastPeriod	1..1	<b>Definition:</b> The collection of business properties that describe periodicity as determined by the forecasting partner agreement. <b>Usage:</b> Required
83 DatePeriod	1..1	<b>Definition:</b> The collection of business properties that specify the number of days by a start and end date stamp. <b>Usage:</b> Required
84 beginDate	1..1	<b>Definition:</b> The start date of a date period. <b>Usage:</b> Required
84 DateStamp	1..1	<b>Definition:</b> Specifies a specific date. Date stamp based on the ISO 8601 specification. The "Z" following the day identifier (DD) is used to indicate Coordinated Universal Time. Informal format: YYYYMMDDZ <b>Usage:</b> Required
85 endDate	0..1	<b>Definition:</b> The end date of a date period. <b>Usage:</b> Optional
85 DateStamp	1..1	<b>Definition:</b> Specifies a specific date. Date stamp based on the ISO 8601 specification. The "Z" following the day identifier (DD) is used to indicate Coordinated Universal Time. Informal format: YYYYMMDDZ <b>Usage:</b> Required
86 GlobalForecastIntervalCode	1..1	<b>Definition:</b> Code specifying a forecasting interval. <b>Usage:</b> Required
<b>Restricted Entity Instance</b>		
<b>Day</b>		



Restricted Entity Instance	
<b>Month</b>	
<b>Week</b>	
1..1	<b>Definition:</b> A quantity specifying the number of product units. <b>Usage:</b> Required
1..1	<b>Definition:</b> Code identifying the type of product quantity for a order forecast. <b>Usage:</b> Required
Restricted Entity Instance	
<b>Discrete Gross Demand</b>	A non cumulative number representing product requirements that have had no deductions.
<b>Discrete Net Demand</b>	A non cumulative number representing product requirements that have had deductions made from it.
0..1	<b>Definition:</b> Agreed upon sale price for each unit ordered. <b>Usage:</b> Optional
1..1	<b>Definition:</b> The collection of business properties that describe the monetary amount defined by a specified currency. <b>Usage:</b> Required
1..1	<b>Definition:</b> Code identifying the three character currency code specified in ISO 4217-1995. <b>Usage:</b> Required
1..1	<b>Definition:</b> Magnitude of currency amount. <b>Usage:</b> Required
0..1	<b>Definition:</b> An incremental number used to identify changes. <b>Usage:</b> Optional
1..1	<b>Definition:</b> The role receiving the document in a business document exchange. <b>Usage:</b> Required <b>Description:</b> TI information



Element / Attribute	Usage/Length	Description
105 PartnerRoleDescription	1..1	<p><b>Definition:</b> The collection of business properties that describe a business partners' role in a partner interface process.</p> <p><b>Usage:</b> Required</p> <p><b>Comment:</b> Not used elements: 106 ContactInformation</p>
111 GlobalPartnerRoleClassificationCode	1..1	<p><b>Definition:</b> Code identifying a party's role in the supply chain.</p> <p><b>Usage:</b> Required</p> <p><b>Constraint:</b> Only GlobalPartnerRoleClassificationCode equal to Forecast Recipient allowed</p>
<b>Restricted Entity Instance</b>		
		<b>Forecast Recipient</b> The party that receives a strategic or order forecast.
112 PartnerDescription	1..1	<p><b>Definition:</b> The collection of business properties that describe a business partners' identity, their contact information, where they are physically located and their function in a supply chain.</p> <p><b>Usage:</b> Required</p>
113 BusinessDescription	1..1	<p><b>Definition:</b> The collection of business properties that describe a business identity and location.</p> <p><b>Usage:</b> Required</p>
114 GlobalBusinessIdentifier	1..1	<p><b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.</p> <p><b>Usage:</b> Required</p> <p><b>Preferred Value:</b> Global TI DUNs number "007321904"</p>
115 GlobalSupplyChainCode	1..1	<p><b>Definition:</b> Code identifying the supply chain for the partner's function.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
		<b>Electronic Components</b> The electronic components supply chain.
116 GlobalPartnerClassificationCode	1..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
		<b>Manufacturer</b> Product manufacturer in supply chain.

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**AffirmationIndicator**

<b>Type</b>	String	<b>Min</b>	2
<b>Repr</b>	X(3)	<b>Max</b>	3

**Definition**

Used to indicate "Yes", "No" statements.

**Used in**

24 isFinalForecast

**beginDate****Definition**

The start date of a date period.

**Children**

DateStamp

*Specifies a specific date. Date stamp based on the ISO 8601 specification. The "Z" following the day identifier (DD) is used to indicate Coordinated Universal Time. Informal format: YYYYMMDDZ*

**Used in**

83 DatePeriod

**BusinessDescription****Definition**

The collection of business properties that describe a business identity and location.

**Children**

businessName

*The name of a business entity.*

businessWebSite

*The home page of a business's web site.*

GlobalBusinessIdentifier

*A unique business identifier. The DUNS number is specified by RosettaNet.*

GlobalSupplyChainCode

*Code identifying the supply chain for the partner's function.*

PartnerBusinessIdentification

*The collection of business properties that allow for the proprietary identification of a business entity.*

**Used in**

8 PartnerDescription

28 PartnerDescription

112 PartnerDescription

**CommunicationsNumber**

<b>Type</b>	String	<b>Min</b>	1
<b>Repr</b>	X(30)	<b>Max</b>	30

**Definition**

The electro-technical communication number, e.g., telephone number, facsimile number, pager number.

**Used in**

6 telephoneNumber

41 telephoneNumber

**ContactInformation**

**Definition**

The collection of business properties that provide communication and address information for contacting

**Children**

contactName	<i>Name of the contact person(s) within the organization.</i>
EmailAddress	<i>Electronic mail address.</i>
facsimileNumber	<i>The numerical schema designed to achieve contact via facsimile.</i>
telephoneNumber	<i>The numerical schema designed to achieve contact via telephone.</i>

**Used in**

1 PartnerRoleDescription  
28 PartnerDescription

**contactName**

**Definition**

Name of the contact person(s) within the organization.

**Children**

FreeFormText	<i>Unformatted text.</i>
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**Used in**

2 ContactInformation  
37 ContactInformation

**DatePeriod**

**Definition**

The collection of business properties that specify the number of days by a start and end date stamp.

**Children**

beginDate	<i>The start date of a date period.</i>
endDate	<i>The end date of a date period.</i>

**Used in**

82 ForecastPeriod

**DateStamp**

<b>Type</b>	Date	<b>Min</b>	9
<b>Repr</b>	9(8)X	<b>Max</b>	9

**Definition**

Specifies a specific date. Date stamp based on the ISO 8601 specification. The "Z" following the day ident



**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 TresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Used in**

84 beginDate  
85 endDate

**DateTimeStamp**

<b>Type</b>	DateTime	<b>Min</b>	13
<b>Repr</b>	9(8)X9(6)V9(3)X	<b>Max</b>	20

**Definition**

Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "M

**Used in**

14 thisDocumentGenerationDateTime  
17 forecastGenerationDateTime

**EmailAddress**

<b>Type</b>	String	<b>Min</b>	1
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**Definition**

Electronic mail address.

**Used in**

2 ContactInformation

**endDate**

**Definition**

The end date of a date period.

**Children**

DateStamp	<i>Specifies a specific date. Date stamp based on the ISO 8601 specification. The "Z" following the day identifier (DD) is used to indicate Coordinated Universal Time. Informal format: YYYYMMDDZ</i>
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**Used in**

83 DatePeriod

**FinancialAmount**

**Definition**

The collection of business properties that describe the monetary amount defined by a specified currency.

**Children**

GlobalCurrencyCode	<i>Code identifying the three character currency code specified in ISO 4217-1995.</i>
MonetaryAmount	<i>Magnitude of currency amount.</i>

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**Used in**

101 unitPrice

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**forecastGenerationDateTime**

**Definition**

The date-time stamp indicating when the forecast was generated.

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**Children**

DateTimeStamp

*Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss*

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**Used in**

16 ThresholdReleaseForecast

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**ForecastIdentifierReference**

**Definition**

The collection of business properties that describe the various types of proprietary reference identifiers fo

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**Children**

GlobalForecastReferenceTypeCode

*Code identifying the classification for type of forecast.*

LineNumber

*Number of the line in the document.*

ProprietaryReferenceIdentifier

*A unique reference identifier for goods, services or business documents.*

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**Used in**

16 ThresholdReleaseForecast

65 productForecastIdentifier

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**ForecastPartner**

**Definition**

The collection of business properties that describe the partner types for a forecast.

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**Children**

GlobalPartnerReferenceTypeCode

*Code describing a partner's function as a verb-preposition phrase.*

PartnerDescription

*The collection of business properties that describe a business partners' identity, their contact information, where they are physically located and their function in a supply chain.*

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**Used in**

25 PartnerProductForecast

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**ForecastPeriod**

**Definition**

The collection of business properties that describe periodicity as determined by the forecasting partner agreement.

**Children**

DatePeriod	<i>The collection of business properties that specify the number of days by a start and end date stamp.</i>
GlobalForecastIntervalCode	<i>Code specifying a forecasting interval.</i>

**Used in**

81 ForecastProductSchedule

**ForecastProductInventory**

**Definition**

The collection of business properties that describe inventory by type for a product in a forecast.

**Children**

GlobalForecastInventoryTypeCode	<i>Code identifying the classification for the type of forecast.</i>
ProductInventory	<i>A value specifying the inventory of product in terms of quantity or days of supply.</i>

**Used in**

59 ProductForecast

**ForecastProductSchedule**

**Definition**

The collection of business properties that describe quantity during a specific period for a particular product.

**Children**

ForecastPeriod	<i>The collection of business properties that describe periodicity as determined by the forecasting partner agreement.</i>
ForecastProductInventory	<i>The collection of business properties that describe inventory by type for a product in a forecast.</i>
ProductQuantity	<i>A quantity specifying the number of product units.</i>
scheduleProductForecastIdentifier	<i>The unique identifiers that reference documents in a Forecast.</i>

**Used in**

80 ProductSchedule

**FreeFormText**

**Type** String **Min** 1

**Definition**

Unformatted text.

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 TresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Attributes**

xml:lang

**Used in**

3 contactName  
 38 contactName  
 74 revisionIdentifier

**fromRole**

**Definition**

The role initiating a business document exchange.

**Children**

PartnerRoleDescription *The collection of business properties that describe a business partners' role in a partner interface process.*

**Used in**

Pip4A3ThresholdReleaseForecastNotification

**GlobalBusinessIdentifier**

<b>Type</b>	Integer	<b>Min</b>	9
<b>Repr</b>	9(9)	<b>Max</b>	9

**Definition**

A unique business identifier. The DUNS number is specified by RosettaNet.

**Used in**

9 BusinessDescription  
 29 BusinessDescription  
 113 BusinessDescription

**GlobalCurrencyCode**

<b>Type</b>	String	<b>Min</b>	3
<b>Repr</b>	X(3)	<b>Max</b>	3

**Definition**

Code identifying the three character currency code specified in ISO 4217-1995.

**Entity Instances**

ADP	ANDORRA (multiple)
AED	UNITED ARAB EMIRATES
AFA	AFGHANISTAN
ALL	ALBANIA
AMD	ARMENIA
ANG	NETHERLANDS ANTILLES
AON	ANGOLA (multiple)
AOR	ANGOLA (multiple)
ARS	ARGENTINA
ATS	AUSTRIA
AUD	TUVALU
AWG	ARUBA
AZM	AZERBAIJAN

**Entity Instances**

BAM	<i>BOSNIA AND HERZEGOVINA</i>
BBD	<i>BARBADOS</i>
BDT	<i>BANGLADESH</i>
BEF	<i>BELGIUM</i>
BGL	<i>BULGARIA</i>
BHD	<i>BAHRAIN</i>
BIF	<i>BURUNDI</i>
BMD	<i>BERMUDA</i>
BND	<i>BRUNEI DARUSSALAM</i>
BOB	<i>BOLIVIA (multiple)</i>
BOV	<i>BOLIVIA (multiple)</i>
BRL	<i>BRAZIL</i>
BSD	<i>BAHAMAS</i>
BTN	<i>BHUTAN (multiple)</i>
BWP	<i>BOTSWANA</i>
BYB	<i>BELARUS</i>
BZD	<i>BELIZE</i>
CAD	<i>CANADA</i>
CHF	<i>SWITZERLAND</i>
CLP	<i>CHILE</i>
CNY	<i>CHINA</i>
COP	<i>COLOMBIA</i>
CRC	<i>COSTA RICA</i>
CUP	<i>CUBA</i>
CVE	<i>CAPE VERDE</i>
CYP	<i>CYPRUS</i>
CZK	<i>CZECH REPUBLIC</i>
DEM	<i>GERMANY</i>
DJF	<i>DJIBOUTI</i>
DKK	<i>GREENLAND</i>
DOP	<i>DOMINICAN REPUBLIC</i>
DZD	<i>ALGERIA</i>
ECS	<i>ECUADOR</i>
EEK	<i>ESTONIA</i>
EGP	<i>EGYPT</i>
ERN	<i>ERITREA</i>
ESP	<i>SPAIN</i>
ETB	<i>ETHIOPIA</i>
EUR	<i>EUROPEAN UNION</i>
FIM	<i>FINLAND</i>
FJD	<i>FIJI</i>
FKP	<i>FALKLAND ISLANDS(MALVINAS)</i>
FRF	<i>FRENCH SOUTHERN TERRITORIES</i>
GBP	<i>UNITED KINGDOM</i>
GEL	<i>GEORGIA</i>
GHC	<i>GHANA</i>
GIP	<i>GIBRALTAR</i>
GMD	<i>GAMBIA</i>
GNF	<i>GUINEA</i>
GRD	<i>GREECE</i>
GTQ	<i>GUATEMALA</i>
GWP	<i>GUINEA-BISSAU</i>
GYD	<i>GUYANA</i>
HKD	<i>HONG KONG</i>
HNL	<i>HONDURAS</i>
HRK	<i>CROATIA</i>
HTG	<i>HAITI</i>
HUF	<i>HUNGARY</i>

**Entity Instances**

IDR	<i>INDONESIA</i>
IEP	<i>IRELAND</i>
ILS	<i>ISRAEL</i>
INR	<i>BHUTAN (multiple)</i>
IQD	<i>IRAQ</i>
IRR	<i>IRAN (ISLAMIC REPUBLIC OF)</i>
ISK	<i>ICELAND</i>
ITL	<i>VATICAN CITY STATE (HOLY SEE)</i>
JMD	<i>JAMAICA</i>
JOD	<i>JORDAN</i>
JPY	<i>JAPAN</i>
KES	<i>KENYA</i>
KGS	<i>KYRGYZSTAN</i>
KHR	<i>CAMBODIA</i>
KMF	<i>COMOROS</i>
KPW	<i>KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF</i>
KRW	<i>KOREA, REPUBLIC OF</i>
KWD	<i>KUWAIT</i>
KYD	<i>CAYMAN ISLANDS</i>
KZT	<i>KAZAKHSTAN</i>
LAK	<i>LAO PEOPLE'S DEMOCRATIC REPUBLIC</i>
LBP	<i>LEBANON</i>
LKR	<i>SRI LANKA</i>
LRD	<i>LIBERIA</i>
LTL	<i>LITHUANIA</i>
LUF	<i>LUXEMBOURG</i>
LVL	<i>LATVIA</i>
LYD	<i>LIBYAN ARAB JAMAHIRIYA</i>
MAD	<i>WESTERN SAHARA</i>
MDL	<i>MOLDOVA, REPUBLIC OF</i>
MGF	<i>MADAGASCAR</i>
MKD	<i>MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF</i>
MMK	<i>MYANMAR</i>
MNT	<i>MONGOLIA</i>
MOP	<i>MACAU</i>
MRO	<i>MAURITANIA</i>
MTL	<i>MALTA</i>
MUR	<i>MAURITIUS</i>
MVR	<i>MALDIVES</i>
MWK	<i>MALAWI</i>
MXN	<i>MEXICO</i>
MYR	<i>MALAYSIA</i>
MZM	<i>MOZAMBIQUE</i>
NGN	<i>NIGERIA</i>
NIO	<i>NICARAGUA</i>
NLG	<i>NETHERLANDS</i>
NOK	<i>BOUVET ISLAND</i>
NPR	<i>NEPAL</i>
NZD	<i>COOK ISLANDS</i>
OMR	<i>OMAN</i>
PAB	<i>PANAMA</i>
PEN	<i>PERU</i>
PGK	<i>PAPUA NEW GUINEA</i>
PHP	<i>PHILIPPINES</i>
PKR	<i>PAKISTAN</i>
PLN	<i>POLAND</i>
PTE	<i>PORTUGAL</i>
PYG	<i>PARAGUAY</i>

**Entity Instances**

QAR	<i>QATAR</i>
ROL	<i>ROMANIA</i>
RUR	<i>RUSSIAN FEDERATION</i>
RWF	<i>RWANDA</i>
SAR	<i>SAUDI ARABIA</i>
SBD	<i>SOLOMON ISLANDS</i>
SCR	<i>SEYCHELLES</i>
SDD	<i>SUDAN</i>
SEK	<i>SWEDEN</i>
SGD	<i>SINGAPORE</i>
SHP	<i>SAINT HELENA</i>
SIT	<i>SLOVENIA</i>
SKK	<i>SLOVAKIA</i>
SLL	<i>SIERRA LEONE</i>
SOS	<i>SOMALIA</i>
SRG	<i>SURINAME</i>
STD	<i>SAO TOME AND PRINCIPE</i>
SVC	<i>EL SALVADOR</i>
SYP	<i>SYRIAN ARAB REPUBLIC</i>
SZL	<i>SWAZILAND</i>
THB	<i>THAILAND</i>
TJR	<i>TAJIKISTAN</i>
TMM	<i>TURKMENISTAN</i>
TND	<i>TUNISIA</i>
TOP	<i>TONGA</i>
TPE	<i>EAST TIMOR</i>
TRL	<i>TURKEY</i>
TTD	<i>TRINIDAD AND TOBAGO</i>
TWD	<i>TAIWAN, PROVINCE OF CHINA</i>
TZS	<i>TANZANIA, UNITED REPUBLIC OF</i>
UAH	<i>UKRAINE</i>
UGX	<i>UGANDA</i>
USD	<i>UNITED STATES</i>
UYU	<i>URUGUAY</i>
UZS	<i>UZBEKISTAN</i>
VEB	<i>VENEZUELA</i>
VND	<i>VIETNAM</i>
VUV	<i>VANUATU</i>
WST	<i>SAMOA</i>
XAF	<i>CONGO</i>
XCD	<i>GRENADA</i>
XDR	<i>INTERNATIONAL MONETARY FUND</i>
XOF	<i>TOGO</i>
XPF	<i>NEW CALEDONIA</i>
XPR	<i>FRENCH POLYNESIA</i>
YER	<i>YEMEN</i>
YUM	<i>YUGOSLAVIA</i>
ZAR	<i>NAMIBIA</i>
ZMK	<i>ZAMBIA</i>
ZRN	<i>ZAIRE</i>
ZWD	<i>ZIMBABWE</i>

**Used in**

101 FinancialAmount

<b>Type</b>	String	<b>Min</b>	1
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**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 TresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**GlobalDocumentFunctionCode**

**Definition**

Code identifying the function of a document as either a request or a response.

**Entity Instances**

Request	<i>The business document is a request for a business action to be performed by a partner.</i>
Response	<i>The business document is a response to a requesting partner.</i>

**Used in**

Pip4A3ThresholdReleaseForecastNotification

<b>GlobalForecastIntervalCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code specifying a forecasting interval.

**Entity Instances**

Day  
 Month  
 Quarter  
 Unspecified  
 Week  
 Year

**Used in**

82 ForecastPeriod

<b>GlobalForecastInventoryTypeCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying the classification for the type of forecast.

**Entity Instances**

Available Inventory	<i>On-Hand Inventory plus Consigned Inventory and other adjustments.</i>
Blocked Stock	<i>Blocked quantity of the material that is not usable for manufacturing.</i>
Consigned Inventory	<i>Quantity of non-billed units in stock.</i>
Cumulative Quantity Consumed	<i>A number which continues to increase over a period of time representing product that has been used by the customer. This number is part of a consignment process.</i>
Cumulative Quantity Received	<i>A number which continues to increase over a period of time representing product that has been delivered and systematically received into an application system at the customer location.</i>
In transit	<i>Product quantity which is en route from one location to another and has not been systematically received into an application system at the destination location.</i>
Maximum Days of Supply Target	<i>The maximum inventory days of supply target</i>
Maximum Inventory Target	<i>The largest quantity of desired stock as defined by the customer.</i>



**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Entity Instances**

Minimum Days of Supply Target	<i>The minimum inventory days of supply target .</i>
Minimum Inventory Target	<i>The smallest quantity of desired stock as defined by the customer. Also known as Safety Stock.</i>
Net Available Inventory	<i>Available Inventory minus Past Due Demand.</i>
On-Hand Inventory	<i>Quantity physically in stock at the time of reporting (normally end of the day) after all in and out movements have been taken into account. Also known as Finished Goods or Available Inventory.</i>
Past Due Demand	<i>Demand against inventory that is not reflected in a schedule demand because the schedule date is a date in the past.</i>
Quality Stock	<i>Quantity that is under quality inspection; not yet available for manufacturing.</i>
Work In Process Inventory	<i>Product quantity representing stock that is in progress of being built.</i>

**Used in**

60 ForecastProductInventory

<b>GlobalForecastReferenceTypeCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying the classification for type of forecast.

**Entity Instances**

Blanket purchase order number  
 Contract number  
 Discrete purchase order number  
 Planning number  
 Project number  
 Release number  
 Scheduling agreement number  
 Section number

**Used in**

18 ForecastIdentifierReference  
 65 ForecastIdentifierReference

<b>GlobalLocationIdentifier</b>	<b>Type</b> String	<b>Min</b> 10
	<b>Repr</b> 9(9)X(4)	<b>Max</b> 13

**Definition**

Location uniquely identified by the DUNS +4 number.

**Used in**

43 PhysicalLocation

<b>GlobalPartnerClassificationCode</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

Code identifying a partner's function in the supply chain.

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Entity Instances**

Broker	<i>Representative of a third party.</i>
Carrier	<i>Product carrier for transporting goods in supply chain.</i>
Contract Manufacturer	<i>The party responsible for the services rendered.</i>
Customs Broker	<i>Product customs broker in supply chain.</i>
Distribution Center	<i>Product distributor in supply chain.</i>
Distributor	<i>Product distributor in supply chain.</i>
End User	<i>Product end user in supply chain.</i>
End User Government	<i>End user government.</i>
Financier	<i>Financial service provider in supply chain</i>
Freight Forwarder	<i>Product freight forwarder for transporting goods in supply chain.</i>
Manufacturer	<i>Product manufacturer in supply chain.</i>
Manufacturing Division	<i>A separate unit of a manufacturer.</i>
Original Equipment Manufacturer	<i>Product manufacturer of original equipment in the supply chain.</i>
Reseller	<i>The party who buys goods from a manufacturer and resells them to customers unchanged.</i>
Retailer	<i>Product retailer in supply chain.</i>
Service Provider	<i>A provider of services such as repair, diagnoses, maintenance, installation or removal of a unit.</i>
Shopper	<i>Product shopper in supply chain.</i>
Supplier	<i>Used to identify a supplier's part number or the model number of the product or service.</i>
Warehouser	<i>Product warehouser in supply chain.</i>

**Used in**

8 PartnerDescription  
 28 PartnerDescription  
 71 PartnerProductIdentification  
 112 PartnerDescription

**GlobalPartnerReferenceTypeCode**

Type String

Min 1

**Definition**

Code describing a partner's function as a verb-preposition phrase.

**Entity Instances**

Distributed by	<i>The party who supplies products to retailers.</i>
Founded by	<i>The party who performs the act, process, or art of casting metals.</i>
Logistics provided by	<i>The party who handles the details of an operation.</i>
Manufactured by	<i>The party who creates, processes or produces goods</i>
Planning by	<i>The party who establishes goals, policies or procedures.</i>
Primary contract with	<i>The primary party with whom a contract is formed.</i>
Purchased by	<i>The party who is a purchaser of a product; including parties known as buying locations.</i>
Secondary contract with	<i>The subsequent party(ies) with whom a contract is formed.</i>
Ship to	<i>The partner and/or location to which the product must be delivered.</i>
Sold to	<i>The party to whom a product has been sold.</i>
Subcontracted by	<i>The party who is contracted to perform part or all of another party's contract.</i>
Supplied by	<i>The party who supplies products.</i>
Used by	<i>The party who is the end user of the product.</i>
Warehoused by	<i>The party who stocks or stores products.</i>

**Used in**

26 ForecastPartner

<b>GlobalPartnerRoleClassificationCode</b>	<b>Type</b> String	<b>Min</b> 1
<b>Definition</b>		
Code identifying a party's role in the supply chain.		
<b>Entity Instances</b>		
Account Supplier	<i>Any trading partner that buys or sells products/services from customers and/or vendors.</i>	
Account User	<i>Any trading partner that requires an account to buy or sell products/services.</i>	
Anonymous Buyer	<i>A requestor of information that chooses to remain anonymous.</i>	
Appointment Provider	<i>The stakeholder(s) in the shipment delivery activity.</i>	
Authorized Service Provider	<i>The Service Provider authorized by an OEM to perform service on a unit.</i>	
Authorizer	<i>The partner role that provides product authorization, from a product owner or manufacturer, for a reselling organization to resell a product.</i>	
Buyer	<i>An employee or organization that buys products for a partner type in the supply chain.</i>	
Catalog Distributor	<i>The partner role that distributes catalog information to catalog producers and buyers.</i>	
Catalog Producer	<i>The partner role that produces catalog information for a partner type in the supply chain.</i>	
Change Requester	<i>A party who has an interest in requesting a review of a possible change to the component. The requester may be any party including customers and suppliers.</i>	
Change Review Forum	<i>A party who has responsibility for the review of Engineering Change Requests and the drafting and review of Engineering Change Orders. The Change Review Forum is assumed to be at the company that has responsibility for the engineering aspects of the component affected by the change.</i>	
Claim Requester	<i>The owner of the shipments who is responsible for the intact delivery.</i>	
Consignee	<i>The receiver of the shipment.</i>	
Consumption Notification Provider	<i>Trading Partner role responsible for sending the notification of material consumption by a production location</i>	
Consumption Notification User	<i>Trading Partner role responsible for receiving and processing the notification of material consumption thereby invoicing the customer for consumed material</i>	
Credit Provider	<i>This partner role is responsible for providing credit information about potential customers.</i>	
Credit Reference Requester	<i>This partner role is responsible for requesting credit information about potential customers.</i>	
Customer	<i>This partner role creates a demand for a product or service.</i>	
Customer Manager	<i>This partner role manages the relationship with the business customers.</i>	
Decision Stakeholder	<i>The party (such as suppliers, customers and others) who is responsible for the review and approval of the Engineering Change Approval Request. The stakeholders may be from multiple organizations.</i>	
Delivery Appointment Provider	<i>A party that receives a request for a change to a previously scheduled delivery appointment.</i>	
Delivery Appointment Requester	<i>A party that requests a change to a previously scheduled delivery appointment.</i>	
Demand Creator	<i>The partner role that identifies the opportunity, submits design</i>	

**Entity Instances**

	<i>registration, provides engineering support to advance the opportunity towards design win, and generates revenue by satisfying customer demand for a product.</i>
Design Engineering Information Receiver	<i>This partner role uses technical information for updating enterprise databases (such as electronic catalog systems), design or test engineering, and manufacturing.</i>
Design Engineering Information Sender	<i>This partner role distributes the design engineering information of the agreed types in the agreed amounts at the agreed times.</i>
Exception Identifier	<i>The party/organization that monitors and identifies exceptions based on predefined exception criteria and sends notifications of the identified exceptions. In a collaborative forecasting process, the Exception Definer may be the Forecast Owner, Forecast Recipient, Forecast Reply Recipient and/or an external party.</i>
Exception Recipient	<i>The party/organization requiring visibility to an exception and receiving notifications on the identified exceptions. In a collaborative forecasting process, the Exception Recipient may be the Forecast Owner, Forecast Recipient and/or Forecast Reply Recipient. The Exception Identifier may send a notification for a specific exception to multiple Exception Recipients.</i>
Failure Report Administrator	<i>An employee or organizational entity that receives and processes PIP Failure Notifications.</i>
Financing Processor	<i>The organization that processes the request for financing.</i>
Forecast Owner	<i>The party/organization that monitors and identifies exceptions based on predefined exception criteria and sends notifications of the identified exceptions. In a collaborative forecasting process, the Exception Identifier may be the Forecast Owner, Forecast Recipient, Forecast Reply Recipient and/or an external party.</i>
Forecast Recipient	<i>The party that receives a strategic or order forecast.</i>
Forecast Reply Recipient	<i>The party that receives a forecast reply. The Recipient can be the original forecast owner or other forecast partner (Please refer to the GlobalPartnerClassificationCode).</i>
Implementation Plan Creator	<i>The partner role that creates, maintains and manages an implementation plan associated with an Engineering Change Order.</i>
In-transit Information User	<i>The party who receives shipment status information.</i>
Initiator	<i>The party that starts the data exchange.</i>
Integrator	<i>The organization responsible for the production of the product. Change requests are communicated back to the Qualification Owner.</i>
Inventory Information Provider	<i>An organization that owns or holds inventory and provides information about this inventory to partners in the supply chain. This may be a distributor, contract manufacturer, supplier or OEM reporting inventory that they hold and/or own.</i>
Inventory Information User	<i>An employee or organization that uses information about inventory.</i>
Invoice Provider	<i>The organization that generates the invoice.</i>
Invoice Receiver	<i>The organization being invoiced.</i>
Invoice Reject Provider	<i>The organization that rejects an invoice.</i>
Invoice Reject Receiver	<i>The organization being issued an Invoice Reject Notification.</i>
Marketing Activity Information User	<i>The party who uses information about Marketing Activities. This party might include distributors, and retail operations.</i>
Marketing Activity Initiator	<i>The partner role that distributes information about marketing activities being sponsored by the organization.</i>
Material Release Information Provider	<i>Trading Partner role responsible for triggering release of materials to a delivery location</i>
Material Release Information User	<i>Trading Partner role responsible for receiving trigger to release material to a delivery location and shipping material to delivery location</i>
PIP Failure Notifier	<i>An organizational process that automatically notifies the</i>

**Entity Instances**

	<i>appropriate Failure Report Administrator of a PIP process failure.</i>
Payee	<i>The party receiving a payment.</i>
Payer	<i>The party issuing a payment.</i>
Product Distributor	<i>The party authorized by a Product Supplier to purchase goods and services from the Product Supplier and resell to customers.</i>
Product Information Distributor	<i>The partner role that distributes new product information to product information users and buyers.</i>
Product Information Subscriber	<i>The business partner that subscribes to product information from other business partners.</i>
Product Information User	<i>The partner role that uses product information to create or update enterprise systems and online promotion systems such as electronic catalog systems.</i>
Product Provider	<i>The partner role that creates a differentiated product, owns the registration process and creates a list of eligible products for use in design registration.</i>
Product Supplier	<i>This partner role supplies product to customers in the supply chain.</i>
Qualification Owner	<i>The organization responsible for the qualification of manufacturers and suppliers of parts for the product. The Qualification Owner defines and maintains the AML for the product.</i>
Quality Data Provider	<i>The party responsible for sending the Repair Quality Data. The Provider, through various means, learns of product or product component defect(s).</i>
Quality Data User	<i>The party who receives the repair and/or test data. The User analyzes the data and incorporates findings into its business model.</i>
Receiver	<i>The intended recipient of products or business information. The Receiver may verify receipt if prescribed.</i>
Responder	<i>The party that replies to the initiators message.</i>
Return Provider	<i>The party responsible for authorizing and/or processing the return.</i>
Return Receiver	<i>A third-party or warehousing operation responsible for receiving returns, inspecting the package contents and comparing to the issued RMA to assure the contents are what was authorized on the RMA.</i>
Return Requester	<i>Any party wishing to return a product. This role could be played by a large end-user such as the Government Services Administration (GSA), a distributor, or a reseller.</i>
Sales Facilitator	<i>This partner role facilitates the sale of product between partners in the supply chain.</i>
Sales Lead Originator	<i>The party assigning a sales lead to another party.</i>
Sales Lead Processor	<i>The party who receives the sales lead. This party is responsible for accepting or rejecting the lead, and if accepted, reports the status of the lead.</i>
Sales Marketing Claim Processor	<i>The partner role that processes the claim and/or remits compensation to the Sales Marketing Claimant.</i>
Sales Marketing Claimant	<i>The partner role that requests reimbursement from a Sales Marketing Claim Processor.</i>
Sales Marketing Program Reimbursement Recipient	<i>The partner role that receives status on a previously submitted sales marketing claim, or who receives reimbursement without submitting a claim.</i>
Sales Marketing Program Reimbursing	<i>The partner role that is currently processing a sales marketing claim, (or providing a payment without a claim submitted) and who provides information on the status of the claim processing.</i>
Self-Billing Invoice Provider	<i>The party that generates the self-billing invoice plus being invoiced. It can re-issue the self-billing invoice.</i>
Self-Billing Invoice Receiver	<i>The organization that provides the services or goods. The organization that receives the payment.</i>
Seller	<i>An organization that sells products to partners in the supply chain.</i>
Service Provider	<i>A provider that performs a service such as repair, diagnose, maintain, install or remove on a unit.</i>

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Entity Instances**

Shipment Information User	<i>The party who receives shipment status information.</i>
Shipment Requester	<i>The party requesting transportation services.</i>
ShipmentController	<i>The party who is authorized to make decisions regarding a shipment while in-transit.</i>
Shipper	<i>The party who relinquishes (assigns) a shipment to a transport service provider.</i>
Shipping Provider	<i>The organization responsible for performing the shipping logistics for the Shipper. The Shipping Provider ships products from one location to another as requested by the shipping order and informs the Shipper when the shipment has been sent.</i>
Solution Provider	<i>The party that may architect, configure, engineer, sell, or determine the fulfillment of the configured solution to partners in the supply chain.</i>
Solution Requester	<i>This party that creates a demand for a product or service, or has contracted with a Solution Provider for the manufacture or fulfillment of a product(s).</i>
Specification Provider	<i>The partner role that creates or passes on manufacturing specifications. This may be a Solution Provider, an OEM who is sub-contracting manufacturing tasks like fabrication or assembly, or another party.</i>
Specification User	<i>The partner role that uses a manufacturing specification. This might be a sub-contract assembler or fabricator.</i>
Stakeholder	<i>The party that is required to implement an Engineering Change Order. The Stakeholder may include all levels of suppliers, customers or other parties. The Stakeholder may represent multiple organizations. The Stakeholder may draft and/or be responsible for completing tasks in an implementation plan.</i>
Status Requester	<i>The functional partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).</i>
Status Responder	<i>The organizational partner role, that could be a Product Provider, that creates a differentiated product, owns the registration process and creates a list of eligible products, or who is responsible for identifying the opportunity (that is, it could be a Demand Creator).</i>
Supplier	<i>This partner role supplies product to customers in the supply chain.</i>
Tender Information User	<i>The stakeholder(s) in the tendering activity.</i>
Transport Service Provider	<i>The party that provides transportation services for a Shipment Requester.</i>
Warranty Provider	<i>The provider who honors the warranty terms and reimburses the Authorized Service Provider for a service event performed under the terms of the warranty.</i>

**Used in**

- 1 PartnerRoleDescription
- 105 PartnerRoleDescription

**GlobalProductUnitOfMeasureCode**

**Type** String

**Min** 1

**Definition**

Code identifying a product unit of measure.

**Entity Instances**

10 Kilogram Drum

**Entity Instances**

15 Kilogram Drum  
20 Foot Container  
25 Kilogram Bulk Bag  
40 Foot Container  
50 Pound Bag  
55 Gallon Drum  
100 Board Feet  
115 Kilogram Drum  
300 Kilogram Bulk Bag  
500 Kilogram Bulk Bag  
10,000 Gallon Tankcar  
10-pack  
100-Pack  
1000-pack  
20,000 Gallon Tankcar  
20-Pack  
50-pack  
Acre  
Actual Pounds  
Aluminum Pounds Only  
Ampere  
Angstrom  
Bag  
Bale  
Ball  
Band  
Bar  
Barrel  
Barrel, Imperial  
Barrels Per Day  
Barrels Per Minute  
Base Box  
Base Weight  
Basket  
Batch  
Batt  
Batting Pound  
Beam  
Becquerel/kilogram  
Belt  
Billet  
Bin  
Bit  
Block  
Board  
Board Feet  
Bolt  
Bottle  
Box  
British Thermal Unit (BTU)  
British Thermal Units (BTUs) Per  
Cubic Foot  
British Thermal Units (BTUs) Per  
Pound  
Bucket  
Bulk  
Bulk Car Load  
Bulk Pack

**Entity Instances**

Bundle  
Bunks  
Bushel  
Bushel, Dry Imperial  
Bytes  
Calorie  
Can  
Candela  
Canister  
Car  
Carat  
Carboy  
Card  
Carload  
Carton  
Cartridge  
Case  
Cask  
Cassette  
Catchweight  
Cell  
Centigram  
Centiliter  
Centimeter  
Centipoise (CPS)  
Chains (Land Survey)  
Chest  
Coil  
Coil Group  
Composite Product Pounds (Total Weight)  
Cone  
Connector  
Container  
Coulomb  
Cover  
Crate  
Cubic Foot  
Cubic centimeter  
Cubic centimeter/second  
Cubic inch  
Cubic yard  
Cubicmeter  
Cup  
Cycles  
Cylinder  
Day  
Deal  
Decagram  
Decibels  
Decigram  
Deciliter  
Decimeter  
Degree Celsius  
Degree Fahrenheit  
Dep. Factor  
Die  
Disk (Disc)



**Entity Instances**

Dispenser  
Display  
Dozen  
Dram  
Drum  
Dry Pounds  
Each  
Electrical Capacitance  
Farad  
Fluid Ounce  
Fluid Ounce (Imperial)  
Fluid Ounce US  
Foot  
Fuel Usage (Gallons)  
Gage Systems  
Gallon  
Gigajoules  
Gill (Imperial)  
Grain  
Gram  
Gram/Cubic Centimeter  
Gram/square meter  
Grams Per 100 Centimeters  
Grams Per 100 Grams  
Grams Per Cubic Centimeter  
Grams Per Kilogram  
Grams Per Liter  
Grams Per Milliliter  
Grams Per Square Centimeter  
Grams Per Square Meter  
Great Gross (Dozen Gross)  
Gross  
Gross Barrels  
Gross Gallons  
Gross Kilogram  
Gross Ton  
Gross Yard  
Group  
Half Gallon  
Half Hour  
Half Liter  
Hank  
Heat lots  
Hectare  
Hectoliter  
Hectopascal  
Hertz  
Hour  
Hours  
Hundred Boxes  
Hundred Count  
Hundred Sheets  
Hundredth of a Carat  
Imperial Gallons  
Inch  
Jar  
Joint  
Joule

**Entity Instances**

Keg  
Kelvin  
Kiloampere  
Kilobecquerel/Kilogram  
Kilobyte  
Kilogram  
Kilogram per cubic meter  
Kilogram/Kilogram  
Kilogram/square meter  
Kilogramm pro Sekunde  
Kilohertz  
Kilojoule  
Kilometer  
Kilometer/hour  
Kiloohm  
Kilovolt  
Kilowatt  
Kilowatt-hour  
Kit  
Kubikdezimeter  
Kubikmeter pro Sekunde  
Lifts  
Link  
Liquid Pounds  
Liter  
Load  
Lot  
Lug  
Mat  
Megabyte  
Megagram  
Megagrams Per Hour  
Megahertz  
Megapascal  
Megawatt  
Meter  
Meter pro Quadratsekunde  
Meters per second  
Microgram  
Micrograms Per Cubic Meter  
Micrometer  
Microsecond  
Mikrogram/cubic meter  
Mile  
Miles  
Milliampere  
Milliamperes  
Millibar  
Milligram  
Milligram/Liter  
Milligram/cubic meter  
Milligram/kilogram  
Milligrams Per Cubic Meter  
Milligrams Per Square Meter  
Millijoule  
Milliliter  
Millimeter  
Millimeter H2O

---

**Entity Instances**

Millimol  
Millimol/kilogram  
Million BTU's  
Millipascal seconds  
Millisecond  
Millitesla  
Millivolt  
Millivolts  
Milliwatt  
Minute  
Miter  
Mol  
Mol/kilogram  
Month  
Multichip  
Nanometer  
Nanosecond  
Net Barrels  
Net Gallons  
Net Imperial Gallons  
Net Liters  
Newton  
Ohm  
One  
One Thousand Pieces  
Ounce  
Pack (PAK)  
Package  
Packet  
Pad  
Pail  
Pair  
Pallet  
Pallet (Lift)  
Pallet/Unit Load  
Pallete  
Panel  
Parcel  
Parts per billion (US)  
Parts per million  
Pascal  
Pascal second  
Pennyweight  
Per Hundred Pieces  
Percent  
Percent Per 1000 Hours  
Percent Weight  
Percentage  
Picofarad  
Piece  
Pint - US liquid  
Pint U.S. Dry  
Plate  
Pound  
Pounds Per 1000 Square Feet  
Pounds Per Foot  
Pounds Per Gallon  
Pounds Per Piece of Product

*When 2 or more dies (chips) are merged into one package.*

---

**Entity Instances**

Pounds Per Pound of Product

Pounds Per Thousand

Quart - US liquid

Rack

Ream of 500 Sheets

Reel

Ring

Rod

Roll

SET

*Mask Set (SET)*

Sack

Second

Sheet

Sheet-Metric measure

Shipment

Shot

Skein

Skid

Sleeve

Slip Sheet

Spool

Square

Square Yard

Square foot

Square inch

Square kilometer

Square meter

Square meter/second

Square mile

Square millimeter

Statute Mile

Stick

Strip

Super Bulk Bag

Tablet

Tank

Tank Truck

Tesla

Thousand

Ton

Tonne

Torr

Tote

Track Foot

Trailer

Train

Tray

Troy

Troy OZ

Truckload

Tube

US gallon

US pound

US ton

Unit

*Measurement in terms of a unit for a product.*

Unitless Unit of Measure

Vial

Volt

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Entity Instances**

- Volts (Alternating Current)
- Volts (Direct Current)
- Volts Per Meter
- WF *Wafer (WF)*
- Wafer
- Watt
- Week
- Wrap
- Yard
- Year

**Used in**

59 ProductForecast

<b>GlobalSupplyChainCode</b>	<b>Type</b> String	<b>Min</b>	1
------------------------------	--------------------	------------	---

**Definition**

Code identifying the supply chain for the partner's function.

**Entity Instances**

- Electronic Components *The electronic components supply chain.*
- Information Technology *The information technology supply chain.*
- Semiconductor Manufacturing *The semiconductor manufacturing supply chain.*
- Telecommunication Industry *The telecommunication industry supply chain.*

**Used in**

9 BusinessDescription  
113 BusinessDescription

<b>GlobalTransportEventCode</b>	<b>Type</b> String	<b>Min</b>	1
---------------------------------	--------------------	------------	---

**Definition**

Code identifying an event during the transportation of a shipment.

**Entity Instances**

- Dock *The event representing when the product should arrive on the recipient's dock.*
- Pickup *The event representing when the product is scheduled to be picked up from the shipper's dock.*
- Ship *The event representing when the product is requested to ship.*

**Used in**

16 ThresholdReleaseForecast

**isFinalForecast**

**Definition**

Indicates whether the business document is final. When a forecast is final it is considered "constrained" fo

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 TresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Children**

AffirmationIndicator *Used to indicate "Yes", "No" statements.*

**Used in**

16 ThresholdReleaseForecast

LineNumber	Type	String	Min	Max
	Repr	X(6)	1	6

**Definition**

Number of the line in the document.

**Used in**

18 ForecastIdentifierReference  
65 ForecastIdentifierReference

MonetaryAmount	Type	Real	Min	Max
	Repr	9(13)V9(7)	1	21

**Definition**

Magnitude of currency amount.

**Used in**

101 FinancialAmount

OrderForecastQuantityTypeCode	Type	String	Min	Max
			1	

**Definition**

Code identifying the type of product quantity for a order forecast.

**Entity Instances**

Cumulative Gross Demand	<i>A number which continues to increase over a period of time representing product requirements that have had no deductions.</i>
Cumulative Net Demand	<i>A number which continue to increase over a period of time representing product requirements that have had deductions made from it</i>
Discrete Gross Demand	<i>A non cumulative number representing product requirements that have had no deductions.</i>
Discrete Net Demand	<i>A non cumulative number representing product requirements that have had deductions made from it.</i>
Downside Demand Unscheduled production	<i>Unscheduled production plan; quantity that is known to be produced, but does not yet have a fixed schedule.</i>
Upside Demand Work Queue	<i>Defines the quantity that is planned to be produced at the defined day.</i>

**Used in**

80 ProductSchedule

---

## PartnerDescription

---

### Definition

The collection of business properties that describe a business partners' identity, their contact information,

---

### Children

BusinessDescription	<i>The collection of business properties that describe a business identity and location.</i>
ContactInformation	<i>The collection of business properties that provide communication and address information for contacting a person, organization or business.</i>
GlobalPartnerClassificationCode	<i>Code identifying a partner's function in the supply chain.</i>
PhysicalLocation	<i>The collection of business properties that identify and describe the actual physical location of an entity as prescribed by local postal authorities, including country identification.</i>

---

### Used in

1 PartnerRoleDescription  
26 ForecastPartner  
105 PartnerRoleDescription

---

## PartnerProductForecast

---

### Definition

The collection of business properties that describe forecast and customer information for a product.

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### Children

ForecastPartner	<i>The collection of business properties that describe the partner types for a forecast.</i>
ProductForecast	<i>The collection of business properties that describe forecast information for a product.</i>

---

### Used in

16 ThresholdReleaseForecast

---

## PartnerProductIdentification

---

### Definition

The collection of business properties that describe proprietary part information.

---

### Children

GlobalPartnerClassificationCode	<i>Code identifying a partner's function in the supply chain.</i>
ProprietaryProductIdentifier	<i>An internal identifier used to identify a product.</i>
revisionIdentifier	<i>Free form text that identifies a revision to a proprietary serial number.</i>

---

### Used in

69 ProductIdentification

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**PartnerRoleDescription**

**Definition**

The collection of business properties that describe a business partners' role in a partner interface process.

**Children**

ContactInformation	<i>The collection of business properties that provide communication and address information for contacting a person, organization or business.</i>
GlobalPartnerRoleClassificationCode	<i>Code identifying a party's role in the supply chain.</i>
PartnerDescription	<i>The collection of business properties that describe a business partners' identity, their contact information, where they are physically located and their function in a supply chain.</i>

**Used in**

1 fromRole  
105 toRole

**PhysicalLocation**

**Definition**

The collection of business properties that identify and describe the actual physical location of an entity as

**Children**

GlobalLocationIdentifier	<i>Location uniquely identified by the DUNS +4 number.</i>
PartnerLocationIdentification	<i>The collection of business properties that allow for the proprietary identification of a business location.</i>
PhysicalAddress	<i>The actual physical location of an entity as prescribed by local postal authorities, including country identification as it relates to the party or a product.</i>

**Used in**

28 PartnerDescription

**Pip4A3ThresholdReleaseForecastNotification**

**Children**

fromRole	<i>The role initiating a business document exchange.</i>
GlobalDocumentFunctionCode	<i>Code identifying the function of a document as either a request or a response.</i>
thisDocumentGenerationDateTime	<i>The date-time stamp indicating when this business document was generated.</i>
thisDocumentIdentifier	<i>The information that identifies the business document being sent. This identifier is used to represent the specific business document associated with the defined business process.</i>
ThresholdReleaseForecast	<i>The collection of business properties that describe future demand requirements information by product, for specific time periods, to be used for build purposes and provide visibility of product demand.</i>
toRole	<i>The role receiving the document in a business document exchange.</i>



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**Used in**

Pip4A3ThresholdReleaseForecastNotification

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**ProductForecast**

**Definition**

The collection of business properties that describe forecast information for a product.

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**Children**

ForecastProductInventory	<i>The collection of business properties that describe inventory by type for a product in a forecast.</i>
GlobalForecastEventCode	<i>Code identifying the event that initiates a forecast.</i>
GlobalProductUnitOfMeasureCode	<i>Code identifying a product unit of measure.</i>
productForecastIdentifier	<i>The unique identifier that represents a forecast for a product.</i>
ProductIdentification	<i>The collection of business properties that describe proprietary and global identifier information regarding a product.</i>
ProductReceiptReference	<i>The collection of business properties that describe shipment, date and quantity information for a received product.</i>
ProductSchedule	<i>The collection of business properties that describe forecast type, forecast date period and forecast quantity information.</i>
RevisionNumber	<i>An incremental number used to identify changes.</i>
TradeOffZone	<i>The date period for a forecast in which there is a partial financial liability for product based on the TPA. Also known as the liability horizon.</i>
unitPrice	<i>Agreed upon sale price for each unit ordered.</i>

---

**Used in**

25 PartnerProductForecast

---

**productForecastIdentifier**

**Definition**

The unique identifier that represents a forecast for a product.

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**Children**

ForecastIdentifierReference	<i>The collection of business properties that describe the various types of proprietary reference identifiers for forecast information.</i>
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**Used in**

59 ProductForecast

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**ProductIdentification**

**Definition**

The collection of business properties that describe proprietary and global identifier information regarding

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**Children**

GlobalProductIdentifier	<i>Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).</i>
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**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

**Children**

PartnerProductIdentification *The collection of business properties that describe proprietary part information.*

**Used in**

59 ProductForecast

**ProductInventory**

**Type** Real **Min** 1

**Definition**

A value specifying the inventory of product in term of quantity or days of supply

**Used in**

60 ForecastProductInventory

**ProductQuantity**

**Type** Real **Min** 1

**Definition**

A quantity specifying the number of product units.

**Used in**

81 ForecastProductSchedule

**ProductSchedule**

**Definition**

The collection of business properties that describe forecast type, forecast date period and forecast quantity

**Children**

ForecastProductSchedule *The collection of business properties that describe quantity during a specific period for a particular product.*  
 OrderForecastQuantityTypeCode *Code identifying the type of product quantity for a order forecast.*

**Used in**

59 ProductForecast

**ProprietaryDocumentIdentifier**

**Type** String **Min** 1

**Definition**

Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.

**Used in**

15 thisDocumentIdentifier

<b>ProprietaryProductIdentifier</b>	<b>Type</b> String	<b>Min</b> 1
-------------------------------------	--------------------	--------------

**Definition**

An internal identifier used to identify a product.

**Used in**

71 PartnerProductIdentification

<b>ProprietaryReferencelIdentifier</b>	<b>Type</b> String	<b>Min</b> 1
	<b>Repr</b> X(255)	<b>Max</b> 255

**Definition**

A unique reference identifier for goods, services or business documents.

**Used in**

18 ForecastIdentifierReference  
65 ForecastIdentifierReference

**revisionIdentifier**

**Definition**

Free form text that identifies a revision to a proprietary serial number.

**Children**

FreeFormText *Unformatted text.*

**Used in**

71 PartnerProductIdentification

<b>RevisionNumber</b>	<b>Type</b> String	<b>Min</b> 1
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**Definition**

An incremental number used to identify changes.

**Used in**

16 ThresholdReleaseForecast

**telephoneNumber**

**Definition**

The numerical schema designed to achieve contact via telephone.

**Children**

CommunicationsNumber *The electro-technical communication number, e.g., telephone number, facsimile number, pager number.*

---

**Used in**

2 ContactInformation  
37 ContactInformation

---

**thisDocumentGenerationDateTime**

---

**Definition**

The date-time stamp indicating when this business document was generated.

---

**Children**

DateTimeStamp *Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time separator and "hh", "mm", "ss.sss" represent hour, minute and second respectively. This representation is immediately followed by a "Z" to indicate Coordinated Universal Time. Informal format: YYYYMMDDThhmmss*

---

**Used in**

Pip4A3ThresholdReleaseForecastNotification

---

**thisDocumentIdentifier**

---

**Definition**

The information that identifies the business document being sent. This identifier is used to represent the

---

**Children**

ProprietaryDocumentIdentifier *Unique identifier, i.e. a numeric value or alphanumeric value, for a business document.*

---

**Used in**

Pip4A3ThresholdReleaseForecastNotification

---

**ThresholdReleaseForecast**

---

**Definition**

The collection of business properties that describe future demand requirements information by product, f

---

**Children**

forecastGenerationDateTime *The date-time stamp indicating when the forecast was generated.*  
ForecastIdentifierReference *The collection of business properties that describe the various types of proprietary reference identifiers for forecast information.*  
GlobalForecastEventCode *Code identifying the event that initiates a forecast.*  
GlobalTransportEventCode *Code identifying an event during the transportation of a shipment.*  
isFinalForecast *Indicates whether the business document is final. When a forecast is final it is considered "constrained" forecast data that is "actionable" by the forecast recipient.*  
PartnerProductForecast *The collection of business properties that describe forecast and customer information for a product.*  
RevisionNumber *An incremental number used to identify changes.*

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

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**Used in**

Pip4A3ThresholdReleaseForecastNotification

---

**toRole**

---

**Definition**

The role receiving the document in a business document exchange.

---

**Children**

PartnerRoleDescription *The collection of business properties that describe a business partners' role in a partner interface process.*

---

**Used in**

Pip4A3ThresholdReleaseForecastNotification

---

**unitPrice**

---

**Definition**

Agreed upon sale price for each unit ordered.

---

**Children**

FinancialAmount *The collection of business properties that describe the monetary amount defined by a specified currency.*

---

**Used in**

59 ProductForecast

---

**xsd:string**

---

**Used in**

3 FreeFormText  
4 EmailAddress  
6 CommunicationsNumber  
7 GlobalPartnerRoleClassificationCode  
10 GlobalBusinessIdentifier  
11 GlobalSupplyChainCode  
12 GlobalPartnerClassificationCode  
13 GlobalDocumentFunctionCode  
14 DateTimeStamp  
15 ProprietaryDocumentIdentifier  
17 DateTimeStamp  
19 GlobalForecastReferenceTypeCode  
20 LineNumber  
21 ProprietaryReferenceIdentifier  
23 GlobalTransportEventCode  
24 AffirmationIndicator  
27 GlobalPartnerReferenceTypeCode  
32 GlobalBusinessIdentifier  
38 FreeFormText

**Pip4A3ThresholdReleaseForecastNotification**

Version: 4A3 ThresholdReleaseForecastNotification V02\_02\_00; 1; INBOUND

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**Used in**

41 CommunicationsNumber  
42 GlobalPartnerClassificationCode  
44 GlobalLocationIdentifier  
61 GlobalForecastInventoryTypeCode  
62 ProductInventory  
64 GlobalProductUnitOfMeasureCode  
66 GlobalForecastReferenceTypeCode  
67 LineNumber  
68 ProprietaryReferenceIdentifier  
72 GlobalPartnerClassificationCode  
73 ProprietaryProductIdentifier  
74 FreeFormText  
84 DateStamp  
85 DateStamp  
86 GlobalForecastIntervalCode  
90 ProductQuantity  
95 OrderForecastQuantityTypeCode  
102 GlobalCurrencyCode  
103 MonetaryAmount  
104 RevisionNumber  
111 GlobalPartnerRoleClassificationCode  
114 GlobalBusinessIdentifier  
115 GlobalSupplyChainCode  
116 GlobalPartnerClassificationCode