

# Texas Instruments PIP Implementation Guideline



4A4 PlanningReleaseForecastNotification  
V03\_00\_00; 1; INBOUND

# Pip4A4PlanningReleaseForecastNotification

Version: 4A4 PlanningReleaseForecastNotification V03\_00\_00; 1; INBOUND



Element / Attribute	Usage/Length	Description
<b>Pip4A4PlanningReleaseForecastNotification</b>		
1 fromRole	1..1	<b>Definition:</b> The role initiating a business document exchange. <b>Usage:</b> Required
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 <b>Description:</b> TP information
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.

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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.

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<p>13 GlobalDocumentFunctionCode</p>	<p><b>Restricted Entity Instance</b></p> <p><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.</p> <p><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</p>
<p>14 PlanningReleaseForecast</p>	<p><b>Restricted Entity Instance</b></p> <p><b>Request</b> The business document is a request for a business action to be performed by a partner.</p> <p><b>1..1</b> <b>Definition:</b> The collection of business properties that describe future demand requirements information by product, for specific time periods, to be used for planning purposes.  <b>Usage:</b> Required  <b>Comment:</b> Not used elements:                  20 GlobalForecastEventCode</p>
<p>15 forecastGenerationDateTime</p>	<p><b>1..1</b> <b>Definition:</b> The date-time stamp indicating when the forecast was generated.  <b>Usage:</b> Required  <b>Description:</b> The date-timestamp indicating when the forecast was generated</p>

# Pip4A4PlanningReleaseForecastNotification

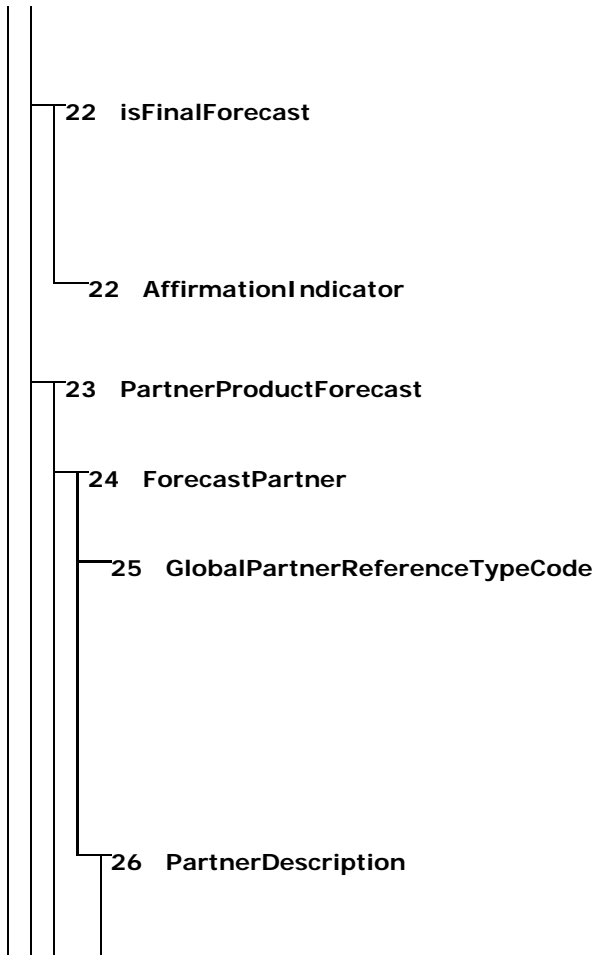
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Element / Attribute	Usage/Length	Description
15 DateTimeStamp	1..1	<p><b>Definition:</b> Specifies an instance in time. Based on the ISO 8601 specification where "YYYY" represents the year, "MM" the month and "DD" the day. The letter "T" is the date/time 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</p> <p><b>Usage:</b> Required</p>
16 ForecastIdentifierReference	0..unbounded	<p><b>Definition:</b> The collection of business properties that describe the various types of proprietary reference identifiers for forecast information.</p> <p><b>Usage:</b> Optional</p>
17 GlobalForecastReferenceTypeCode	1..1	<p><b>Definition:</b> Code identifying the classification for type of forecast.</p> <p><b>Usage:</b> Required</p> <p><b>Restricted Entity Instance</b>                      Blanket purchase order number                      Discrete purchase order number</p>
18 LineNumber	0..1	<p><b>Definition:</b> Number of the line in the document.</p> <p><b>Usage:</b> Optional</p>
19 ProprietaryReferenceIdentifier	1..1	<p><b>Definition:</b> A unique reference identifier for goods, services or business documents.</p> <p><b>Usage:</b> Required</p>
21 GlobalTransportEventCode	1..1	<p><b>Definition:</b> Code identifying an event during the transportation of a shipment.</p> <p><b>Usage:</b> Required</p> <p><b>Constraint:</b> Only GlobalTransportEventCode equal to "Ship" or "Dock" is allowed</p>

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Restricted Entity Instance	
<b>Dock</b>	The event representing when the product should arrive on the recipient's dock.
<b>1..1</b>	<p><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.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> Yes" indicates that the collaboration phase is complete. The Forecast is now actionable (no further versions are expected)</p>
<b>1..1</b>	<p><b>Definition:</b> Used to indicate "Yes", "No" statements.</p> <p><b>Usage:</b> Required</p> <p><b>Description:</b> "yes" is the only accepted value</p>
<b>1..unbounded</b>	<p><b>Definition:</b> The collection of business properties that describe forecast and customer information for a product.</p> <p><b>Usage:</b> Required</p>
<b>1..unbounded</b>	<p><b>Definition:</b> The collection of business properties that describe the partner types for a forecast.</p> <p><b>Usage:</b> Required</p>
<b>1..1</b>	<p><b>Definition:</b> Code describing a partner's function as a verb-preposition phrase.</p> <p><b>Usage:</b> Required</p> <p><b>Constraint:</b> At least GlobalPartnerReferenceTypeCode equal to "Sold to" is required.</p>
Restricted Entity Instance	
<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.
<b>Used by</b>	The party who is the end user of the product.
<b>1..1</b>	<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>

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Element / Attribute	Usage/Length	Description
27 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> <p><b>Comment:</b> Not used elements: 28 businessName 29 businessWebSite 31 PartnerBusinessIdentification</p>
30 GlobalBusinessIdentifier	0..1	<p><b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.</p> <p><b>Usage:</b> Optional</p> <p><b>Description:</b> TP DUNs number</p>
35 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: 37 EmailAddress 38 facsimileNumber</p>
36 contactName	1..1	<p><b>Definition:</b> Name of the contact person(s) within the organization.</p> <p><b>Usage:</b> Required</p>
36 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>
39 telephoneNumber	0..1	<p><b>Definition:</b> The numerical schema designed to achieve contact via telephone.</p> <p><b>Usage:</b> Optional</p>

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Element / Attribute	Usage/Length	Description
39 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>
40 GlobalPartnerClassificationCode	0..1	<p><b>Definition:</b> Code identifying a partner's function in the supply chain.</p> <p><b>Usage:</b> Optional</p> <p><b>Restricted Entity Instance</b></p> <p><b>Contract Manufacturer</b> The party responsible for the services rendered.</p> <p><b>Distribution Center</b> Product distributor in supply chain.</p> <p><b>Distributor</b> Product distributor in supply chain.</p> <p><b>End User</b> Product end user in supply chain.</p> <p><b>Manufacturer</b> Product manufacturer in supply chain.</p> <p><b>Original Equipment Manufacturer</b> Product manufacturer of original equipment in the supply chain.</p> <p><b>Manufacturer</b></p> <p><b>Warehouser</b> Product warehouser in supply chain.</p>
41 PhysicalLocation	0..1	<p><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.</p> <p><b>Usage:</b> Optional</p> <p><b>Comment:</b> Not used elements: 43 PartnerLocationIdentification 47 PhysicalAddress</p>
42 GlobalLocationIdentifier	0..1	<p><b>Definition:</b> Location uniquely identified by the DUNS +4 number.</p> <p><b>Usage:</b> Optional</p>



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Element / Attribute	Usage/Length	Description
57 ProductForecast	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: 58 GlobalForecastEventCode 83 Revision Number 84 TradeOffZone
59 GlobalProductUnitOfMeasureCode	1..1	<b>Definition:</b> Code identifying a product unit of measure. <b>Usage:</b> Required <b>Restricted Entity Instance</b>
60 productForecastIdentifier	0..unbounded	<b>Definition:</b> The unique identifier that represents a forecast for a product. <b>Usage:</b> Optional
60 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
61 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
62 LineNumber	0..1	<b>Definition:</b> Number of the line in the document. <b>Usage:</b> Optional
63 ProprietaryReferenceIdentifier	1..1	<b>Definition:</b> A unique reference identifier for goods, services or business documents. <b>Usage:</b> Required

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Element / Attribute	Usage/Length	Description
64 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: 65 GlobalProductIdentifier
66 PartnerProductIdentification	0..unbounded	<b>Definition:</b> The collection of business properties that describe proprietary part information. <b>Usage:</b> Optional
67 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.
68 ProprietaryProductIdentifier	1..1	<b>Definition:</b> An internal identifier used to identify a product. <b>Usage:</b> Required
69 revisionIdentifier	0..1	<b>Definition:</b> Free form text that identifies a revision to a proprietary serial number. <b>Usage:</b> Optional
69 FreeFormText	1..1	<b>Definition:</b> Unformatted text. <b>Usage:</b> Required
70 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

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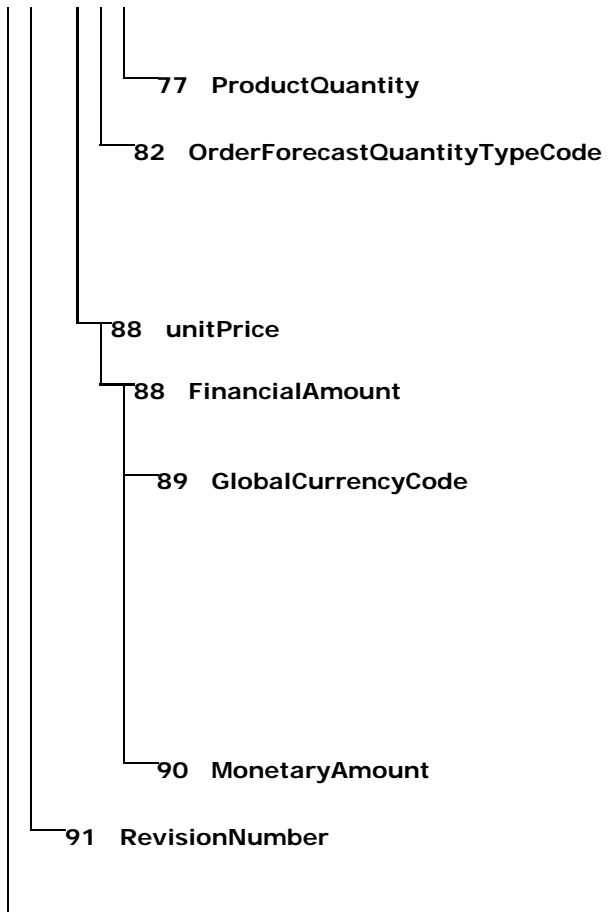
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Element / Attribute	Usage/Length	Description
71 ForecastProductSchedule	1..unbounded	<p><b>Definition:</b> The collection of business properties that describe quantity during a specific period for a particular product.</p> <p><b>Usage:</b> Required</p> <p><b>Comment:</b> Not used elements: 78 scheduleProductForecastIdentifier</p>
72 ForecastPeriod	1..1	<p><b>Definition:</b> The collection of business properties that describe periodicity as determined by the forecasting partner agreement.</p> <p><b>Usage:</b> Required</p>
73 DatePeriod	1..1	<p><b>Definition:</b> The collection of business properties that specify the number of days by a start and end date stamp.</p> <p><b>Usage:</b> Required</p>
74 beginDate	1..1	<p><b>Definition:</b> The start date of a date period.</p> <p><b>Usage:</b> Required</p>
74 DateStamp	1..1	<p><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</p> <p><b>Usage:</b> Required</p>
75 endDate	0..1	<p><b>Definition:</b> The end date of a date period.</p> <p><b>Usage:</b> Optional</p>
75 DateStamp	1..1	<p><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</p> <p><b>Usage:</b> Required</p>
76 GlobalForecastIntervalCode	1..1	<p><b>Definition:</b> Code specifying a forecasting interval.</p> <p><b>Usage:</b> Required</p>
<b>Restricted Entity Instance</b>		
<b>Day</b>		
<b>Month</b>		

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Restricted Entity Instance		
<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 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
Restricted Entity Instance		
<b>CNY</b>		CHINA
<b>EUR</b>		EUROPEAN UNION
<b>GBP</b>		UNITED KINGDOM
<b>MYR</b>		MALAYSIA
<b>TWD</b>		TAIWAN, PROVINCE OF CHINA
<b>USD</b>		UNITED STATES
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
	<b>Description:</b>	Use '00' when the forecast is issued for the first time

# Pip4A4PlanningReleaseForecastNotification



Element / Attribute	Usage/Length	Description
92 thisDocumentGenerationDateTime	1..1	<b>Definition:</b> The date-time stamp indicating when this business document was generated. <b>Usage:</b> Required
92 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 <b>Description:</b> PIP Creation Date and Timestamp
93 thisDocumentIdentifier	1..1	<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
93 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
94 toRole	1..1	<b>Definition:</b> The role receiving the document in a business document exchange. <b>Usage:</b> Required <b>Description:</b> TI information
94 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 <b>Comment:</b> Not used elements: 95 ContactInformation

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Element / Attribute	Usage/Length	Description
100 GlobalPartnerRoleClassificationCode	1..1	<b>Definition:</b> Code identifying a party's role in the supply chain.
		<b>Usage:</b> Required
		<b>Constraint:</b> Only GlobalPartnerRoleClassificationCode equal to Forecast Recipient is allowed
		<b>Restricted Entity Instance</b>
		<b>Forecast Recipient</b> The party that receives a strategic or order forecast.
101 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
102 BusinessDescription	1..1	<b>Definition:</b> The collection of business properties that describe a business identity and location.
		<b>Usage:</b> Required
103 GlobalBusinessIdentifier	1..1	<b>Definition:</b> A unique business identifier. The DUNS number is specified by RosettaNet.
		<b>Usage:</b> Required
		<b>Preferred Value:</b> Global TI DUNS number "007321904"
104 GlobalSupplyChainCode	1..1	<b>Definition:</b> Code identifying the supply chain for the partner's function.
		<b>Usage:</b> Required
		<b>Restricted Entity Instance</b>
		<b>Electronic Components</b> The electronic components supply chain.
105 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>Manufacturer</b> Product manufacturer in supply chain.

## Pip4A4PlanningReleaseForecastNotification

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### Pip4A4PlanningReleaseForecastNotification

#### 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>
PlanningReleaseForecast	<i>The collection of business properties that describe future demand requirements information by product, for specific time periods, to be used for planning purposes.</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>
toRole	<i>The role receiving the document in a business document exchange.</i>

### 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

22 isFinalForecast

### beginDate

#### Definition

The start 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

73 DatePeriod

### BusinessDescription

#### Definition

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

#### Children

businessName	<i>The name of a business entity.</i>
businessWebSite	<i>The home page of a business's web site.</i>
GlobalBusinessIdentifier	<i>A unique business identifier. The DUNS number is specified by RosettaNet.</i>

RosettaNet Dictionary Elements

## **Pip4A4PlanningReleaseForecastNotification**

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GlobalSupplyChainCode

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



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### Children

PartnerBusinessIdentification

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

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### Used in

8 PartnerDescription

26 PartnerDescription

101 PartnerDescription

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## CommunicationsNumber

Type String  
Repr X(30)

Min 1  
Max 30

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### Definition

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

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### Used in

6 telephoneNumber

39 telephoneNumber

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## ContactInformation

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### Definition

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

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### Children

contactName

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

EmailAddress

*Electronic mail address.*

facsimileNumber

*The numerical schema designed to achieve contact via facsimile.*

telephoneNumber

*The numerical schema designed to achieve contact via telephone.*

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### Used in

1 PartnerRoleDescription

26 PartnerDescription

---

## contactName

---

### Definition

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

---

### Children

FreeFormText

*Unformatted text.*

---

### Used in

2 ContactInformation

35 ContactInformation

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### 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**

72 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 ide

**Used in**

74 beginDate  
75 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**

15 forecastGenerationDateTime  
92 thisDocumentGenerationDateTime

### 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.

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### 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*

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### Used in

73 DatePeriod

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## FinancialAmount

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### Definition

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

---

### Children

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

MonetaryAmount *Magnitude of currency amount.*

---

### Used in

88 unitPrice

---

## forecastGenerationDateTime

---

### Definition

The date-time stamp indicating when the forecast 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: YYYYMMDDThmmss*

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### Used in

14 PlanningReleaseForecast

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## ForecastIdentifierReference

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### Definition

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

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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.*

## Pip4A4PlanningReleaseForecastNotification

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### Used in

14 PlanningReleaseForecast  
60 productForecastIdentifier

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## ForecastPartner

---

### Definition

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

---

### 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.*

---

### Used in

23 PartnerProductForecast

---

## ForecastPeriod

---

### Definition

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

---

### Children

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

---

### Used in

71 ForecastProductSchedule

---

## ForecastProductSchedule

---

### Definition

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

---

### Children

ForecastPeriod *The collection of business properties that describe periodicity as determined by the forecasting partner agreement.*  
ProductQuantity *A quantity specifying the number of product units.*  
scheduleProductForecastIdentifier *The unique identifiers that reference documents in a Forecast.*

---

### Used in

70 ProductSchedule

---

Type	String	Min	1
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---

## Pip4A4PlanningReleaseForecastNotification

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### FreeFormText

#### Definition

Unformatted text.

#### Attributes

xml:lang

#### Used in

3 contactName  
 36 contactName  
 69 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

Pip4A4PlanningReleaseForecastNotification

### 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  
 27 BusinessDescription  
 102 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	<i>ANDORRA (multiple)</i>
AED	<i>UNITED ARAB EMIRATES</i>
AFA	<i>AFGHANISTAN</i>
ALL	<i>ALBANIA</i>
AMD	<i>ARMENIA</i>
ANG	<i>NETHERLANDS ANTILLES</i>
AON	<i>ANGOLA (multiple)</i>

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**Entity Instances**

AOR	<i>ANGOLA (multiple)</i>
ARS	<i>ARGENTINA</i>
ATS	<i>AUSTRIA</i>
AUD	<i>TUVALU</i>
AWG	<i>ARUBA</i>
AZM	<i>AZERBAIJAN</i>
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>

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**Entity Instances**

GWP	<i>GUINEA-BISSAU</i>
GYP	<i>GUYANA</i>
HKD	<i>HONG KONG</i>
HNL	<i>HONDURAS</i>
HRK	<i>CROATIA</i>
HTG	<i>HAITI</i>
HUF	<i>HUNGARY</i>
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>

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**Entity Instances**

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



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### Entity Instances

ZRN	ZAIRE
ZWD	ZIMBABWE

### Used in

88 FinancialAmount

## GlobalDocumentFunctionCode

Type String Min 1

### 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

Pip4A4PlanningReleaseForecastNotification

## GlobalForecastIntervalCode

Type String Min 1

### Definition

Code specifying a forecasting interval.

### Entity Instances

Day  
 Month  
 Quarter  
 Unspecified  
 Week  
 Year

### Used in

72 ForecastPeriod

## GlobalForecastReferenceTypeCode

Type String Min 1

### 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

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## Entity Instances

Scheduling agreement number  
Section number

## Used in

16 ForecastIdentifierReference  
60 ForecastIdentifierReference

## GlobalLocationIdentifier

<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

41 PhysicalLocation

## GlobalPartnerClassificationCode

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

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

## 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  
26 PartnerDescription  
66 PartnerProductIdentification  
101 PartnerDescription

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**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**

24 ForecastPartner

**GlobalPartnerRoleClassificationCode**

Type String

Min 1

**Definition**

Code identifying a party's role in the supply chain.

**Entity Instances**

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</i>

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**Entity Instances**

	<i>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 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</i>

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**Entity Instances**

	<i>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 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>

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**Entity Instances**

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>
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</i>

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### Entity Instances

Status Requester	<i>responsible for completing tasks in an implementation plan. 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>

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### Used in

- 1 PartnerRoleDescription
- 94 PartnerRoleDescription

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<b>GlobalProductUnitOfMeasureCode</b>	<b>Type</b> String	<b>Min</b> 1
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### Definition

Code identifying a product unit of measure.

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### Entity Instances

- 10 Kilogram Drum
- 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

## Pip4A4PlanningReleaseForecastNotification

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### Entity Instances

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  
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)



## Pip4A4PlanningReleaseForecastNotification

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### Entity Instances

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)  
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

## Pip4A4PlanningReleaseForecastNotification

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### Entity Instances

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  
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

## Pip4A4PlanningReleaseForecastNotification

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### Entity Instances

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  
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

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

## Pip4A4PlanningReleaseForecastNotification

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### Entity Instances

Ohm  
One  
One Thousand Pieces  
Ounce  
Pack (PAK)  
Package  
Packet  
Pad  
Pail  
Pair  
Pallet  
Pallet (Lift)  
Pallet/Unit Load  
Pallette  
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  
Pounds Per Pound of Product  
Pounds Per Thousand  
Quart - US liquid  
Rack  
Ream of 500 Sheets  
Reel  
Ring  
Rod  
Roll  
SET  
Sack  
Second  
Sheet  
Sheet-Metric measure  
Shipment  
Shot  
Skein  
Skid  
Sleeve  
Slip Sheet  
Spool

*Mask Set (SET)*

## Pip4A4PlanningReleaseForecastNotification

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### Entity Instances

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

---

### Used in

57 ProductForecast

---

**GlobalSupplyChainCode**

Type String

Min 1

---

## Pip4A4PlanningReleaseForecastNotification

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### Definition

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

### Entity Instances

Electronic Components	<i>The electronic components supply chain.</i>
Information Technology	<i>The information technology supply chain.</i>
Semiconductor Manufacturing	<i>The semiconductor manufacturing supply chain.</i>
Telecommunication Industry	<i>The telecommunication industry supply chain.</i>

### Used in

- 9 BusinessDescription
- 102 BusinessDescription

---

## GlobalTransportEventCode

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

### Definition

Code identifying an event during the transportation of a shipment.

### Entity Instances

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

### Used in

- 14 PlanningReleaseForecast

---

## isFinalForecast

### Definition

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

### Children

AffirmationIndicator	<i>Used to indicate "Yes", "No" statements.</i>
----------------------	---

### Used in

- 14 PlanningReleaseForecast

---

## LineNumber

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

### Definition

Number of the line in the document.

### Used in

- 16 ForecastIdentifierReference
- 60 ForecastIdentifierReference

## Pip4A4PlanningReleaseForecastNotification

Version: 4A4 PlanningReleaseForecastNotification V03\_00\_00; 1; INBOUND

### MonetaryAmount

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

#### Definition

Magnitude of currency amount.

#### Used in

88 FinancialAmount

### OrderForecastQuantityTypeCode

Type String      Min 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	
Upside Demand	

#### Used in

70 ProductSchedule

### PartnerDescription

#### Definition

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

#### 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  
24 ForecastPartner  
94 PartnerRoleDescription

## Pip4A4PlanningReleaseForecastNotification

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### PartnerProductForecast

---

#### Definition

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

---

#### 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

14 PlanningReleaseForecast

---

### 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

64 ProductIdentification

---

### 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  
94 toRole

---

### PhysicalLocation

---



## Pip4A4PlanningReleaseForecastNotification

Version: 4A4 PlanningReleaseForecastNotification V03\_00\_00; 1; INBOUND

### Definition

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

### 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

26 PartnerDescription

---

## PlanningReleaseForecast

### Definition

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

### Children

forecastGenerationDateTime	<i>The date-time stamp indicating when the forecast was generated.</i>
ForecastIdentifierReference	<i>The collection of business properties that describe the various types of proprietary reference identifiers for forecast information.</i>
GlobalForecastEventCode	<i>Code identifying the event that initiates a forecast.</i>
GlobalTransportEventCode	<i>Code identifying an event during the transportation of a shipment.</i>
isFinalForecast	<i>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.</i>
PartnerProductForecast	<i>The collection of business properties that describe forecast and customer information for a product.</i>
RevisionNumber	<i>An incremental number used to identify changes.</i>

### Used in

Pip4A4PlanningReleaseForecastNotification

---

## ProductForecast

### Definition

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

### Children

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>
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</i>

## Pip4A4PlanningReleaseForecastNotification

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### Children

unitPrice	<i>horizon. Agreed upon sale price for each unit ordered.</i>
-----------	---

---

### Used in

23 PartnerProductForecast

---

## productForecastIdentifier

---

### Definition

The unique identifier that represents a forecast for a product.

---

### Children

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

---

### Used in

57 ProductForecast

---

## ProductIdentification

---

### Definition

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

---

### Children

GlobalProductIdentifier	<i>Global unique product identifier. RosettaNet has adopted the Global Trade Identification Number (GTIN).</i>
PartnerProductIdentification	<i>The collection of business properties that describe proprietary part information.</i>

---

### Used in

57 ProductForecast

---

## ProductQuantity

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

---

### Definition

A quantity specifying the number of product units.

---

### Used in

71 ForecastProductSchedule

---

## ProductSchedule

---

### Definition

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

## Pip4A4PlanningReleaseForecastNotification

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### Children

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

### Used in

57 ProductForecast

---

## ProprietaryDocumentIdentifier

Type String

Min 1

### Definition

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

### Used in

93 thisDocumentIdentifier

---

## ProprietaryProductIdentifier

Type String

Min 1

### Definition

An internal identifier used to identify a product.

### Used in

66 PartnerProductIdentification

---

## ProprietaryReferenceIdentifier

Type String  
Repr X(255)

Min 1  
Max 255

### Definition

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

### Used in

16 ForecastIdentifierReference  
60 ForecastIdentifierReference

---

## revisionIdentifier

### Definition

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

### Children

FreeFormText *Unformatted text.*

### Used in

66 PartnerProductIdentification

## Pip4A4PlanningReleaseForecastNotification

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---

### RevisionNumber

Type String

Min 1

---

#### Definition

An incremental number used to identify changes.

---

#### Used in

14 PlanningReleaseForecast

---

### 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

35 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

Pip4A4PlanningReleaseForecastNotification

---

### 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.*

## Pip4A4PlanningReleaseForecastNotification

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### Used in

Pip4A4PlanningReleaseForecastNotification

---

## 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

Pip4A4PlanningReleaseForecastNotification

---

## 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

57 ProductForecast

---

## xsd:string

---

### Used in

3 FreeFormText  
36 FreeFormText  
69 FreeFormText

## **Pip4A4PlanningReleaseForecastNotification**

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