

Telema PDS implementation guidelines

These guidelines provide details on how to start using Telema PDS. Prerequisite for these guidelines is [Telema eDoc implementation guidelines](#) which provide more general information on Telema eDocument standard, different document types, their structure and logic.

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General

Telema PDS enables suppliers to **store, manage and share product information** in an efficient and trustworthy way. Using PDS for making assortment offers and campaign offers, suppliers can save time and minimize errors.

PDS main functionalities:

- Add and manage products: general info and additional attributes
- Enter assortments, incl.prices
- Create assortment offers
- Create campaign offers

← All products

Good Good Aprikoosimoos steviaga 330g (6)

Published

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Duplicate

Archive

General info

Attributes

Listings

Exports

History

Good Good Aprikoosimoos steviaga 330g (6)

Edit

GTIN code

5694230257027

Product code

EUJA027

Category

Food

Comments

moosid

Price: 2.5 EUR / Piece

Edit

Price history

Export templates

Edit

3/66

Master Data Document Types

Master data is used to upload data into PDS. More general information from [Telema eDoc implementation guidelines](#).

PRODAT (Product Data)

Product name, description, classification

Additional product info

Price info: catalogue price (base price) and suggested retail price

Assign product groups by sales agents

Packaging units: descriptions, measures, materials, deposits

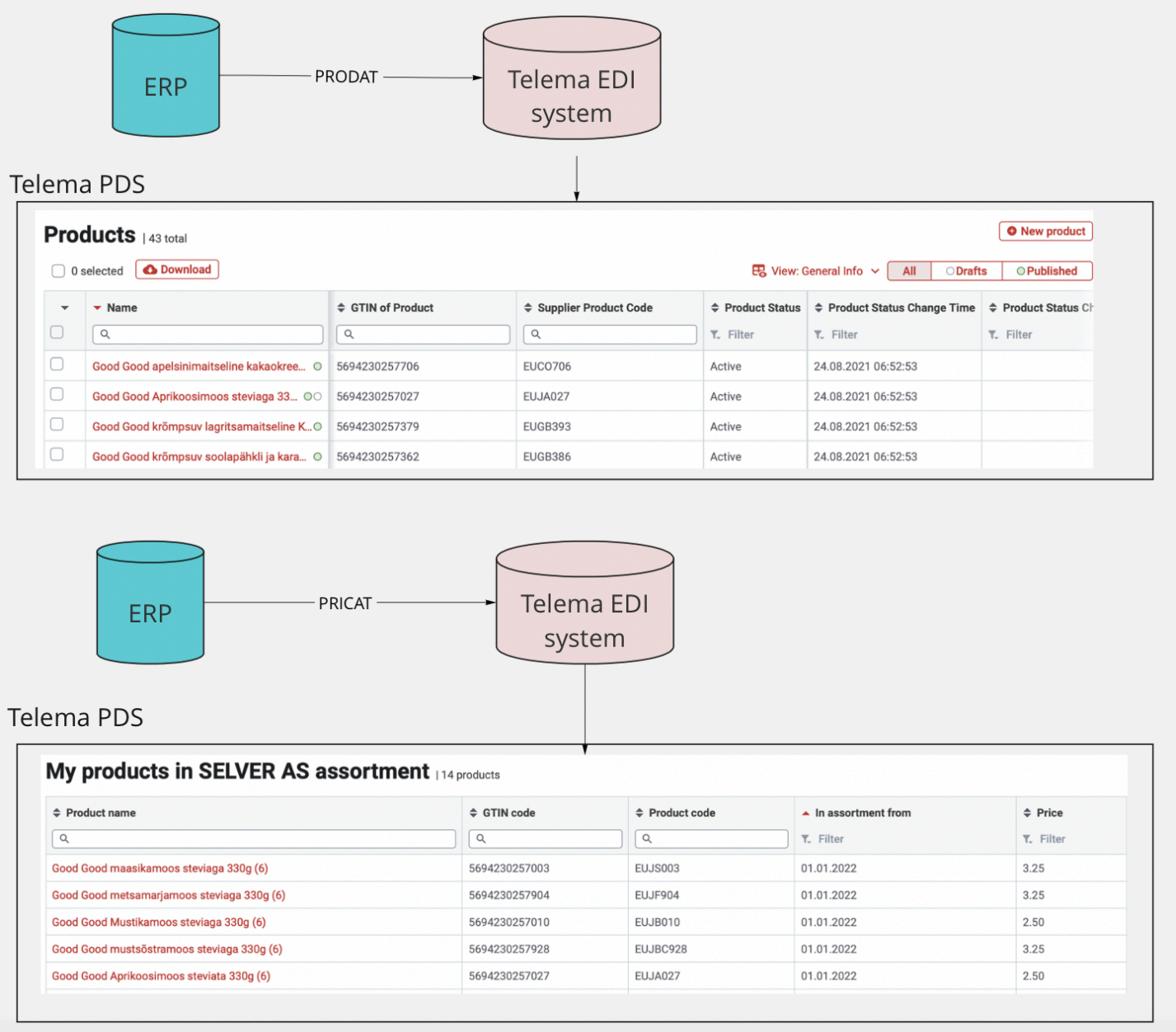
PRICAT (Assortment Data)

Retailer-specific price info: ordering unit, discount percent, price amount

Retailer-specific requirements: MOQ, minimum stock, minimum and maximum days to return etc.

Delivery conditions: INCOTERM rule, delivery destination

Data Flow Scheme



Master Data Implementation

PRODAT

This chapter describes PRODAT message effective content (DocumentItem) in respect of Telema PDS. Before implementing, please also consider [general master data implementation guidelines](#).

One **ItemEntry** record defines one product and its information. Note that one product can have only one catalogue price and one VAT rate. In case you need to send retailer-specific prices or other assortment details that vary by retailer, you need to use the PRICAT message, instead.

The fields that must be defined for the product to be successfully published in PDS, are described in the example XML file “PRODAT_XML_Min”.

eDoc node	Type	Description	Location in PDS
<ItemEntry>			
<LineFunction>	LineFunctionCode	Possible values: „ORIGINAL“, „UPDATE“, „DELETE“: • ORIGINAL - product is saved in PDS with values sent with the message. If the product already existed in PDS, its fields are overwritten with message information • UPDATE - product is looked up in PDS, and only these product fields are updated that were sent with the message, other product fields (not part of the message) retain previous values	-
<SellerItemCode>	ShortTextType	Item/product ID code in suppliers system	Product General info
<GTIN>	GTINType	Global Trade Identification Number	Product General info
<ReplacementItemGTIN>	GTINType	Replacement or alternative Global Trade Identification Number	
<ItemInfo>			

<Model>	NormalTextType	Product model number. Define only if it is a non-food product	Product attributes: Product description
<AlcoholContent>	Decimal2FractionDigitsType	Percentage of alcohol by volume (0-100). Define only if the product is an alcoholic drink	Product attributes: alcohol
<ExciseTaxGroup>	ExciseTaxGroupType	Alcohol excise tax group. Allowed values are defined in XSD by <i>ExciseTaxGroupType</i>	Product attributes: alcohol
<ItemSubregion>	NormalTextType	Name of the Winery. Define only if the product is an alcoholic drink	Product attributes: alcohol
<AlcoholBeverageTypeCode>	AlcoholBeverageType	Type of alcohol according to its official registration. Allowed values are defined in XSD by <i>AlcoholBeverageType</i>	Product attributes: alcohol
<ItemDescriptionInfo>			
<BrandNames>			
<BrandName@lang>	ShortTextLangType	Brand name of the product	Product attributes: Basic info
</BrandNames>			
<DescriptionsShort>			
<DescriptionShort@lang>	ShortTextLangType	Free form short length name of the product	Product attributes: Basic info
</DescriptionsShort>			
<FunctionalNames>			
<FunctionalName@lang>	LongTextLangType	Free form full name of the product	Product attributes: Basic info
</FunctionalNames>			
<ItemDescriptions>			
<ItemDescription@lang>	LongTextLangType	Understandable and usable description of a trade item using brand and other descriptors. This attribute is filled with as little abbreviation as possible while keeping to a reasonable length. This should be a	Product attributes: Product description

		meaningful description of the trade item with full spelling	
</ItemDescriptions>			
<SellerItemNames>			
<SellerItemName@lang>	LongTextLangType	Name of the trade item in the supplier's system	Product General info
</SellerItemNames>			
<ItemColourInfo>			
<ItemColour>	ShortTextLangType	Dominant colour of the product. Define only for a non-food product	Product attributes: Product description
</ItemColourInfo>			
<ItemGroupIdentificationCodes>			
<ItemGroupIdentificationCode>	ItemGroupIdentificationType	Code that is used to logically group trade item, e.g. fast food, sporty lifestyle, summer product etc. Allowed values are defined in XSD by <i>AlcoholBeverageType</i>	Product attributes: Product description
</ItemGroupIdentificationCodes>			
<WineInfo>		Details describing a wine product	
<RecommendedFoods>			
<RecommendedFoodCode>	RecommendedFoodType	Code describing the food that is recommended for the wine, e.g. seafood, cheese	Alcohol
</RecommendedFoods>			
<WineCharacters>			
<WineCharacterCode>	WineCharacterType	Code describing the wine character type, e.g. fruitful	Alcohol
</WineCharacters>			

<WineColourCode>	WineColourType	Code describing the colour of wine, e.g. white	Alcohol
<WineDescriptions>			
<WineDescription@lang>	LongTextLangType	Free form description of the wine	Alcohol
</WineDescriptions>			
<WineTasteCode>	WineTasteType	Code describing the taste of wine, e.g. dry	Alcohol
</WineInfo>			
<AdditionalInfo>			
<Extension extensionId=IsPrivateLabel		Define the extension if you need to send information about whether the item is a private label product or not	
<InfoContent>	LongTextType	If the product is a private label product, then 'Y'; otherwise 'N'	
</Extension>			
<Extension extensionId=IsProductPhoto		Define the extension if you need to send information about whether the item has a photo or not	
<InfoContent>	LongTextType	If the product has a photo, then 'Y'; otherwise 'N'	Product attributes: Product description
</Extension>			
<Extension extensionId=VegetablesQualityClass		Define the extension if the product is a vegetable and you need to send information about its quality class	
<InfoContent>	LongTextType	If it is I class product, then '1CL' If it is II class product, then '2CL' If it is extra class product, then 'EXTRA'	Product attributes: Quality Class of Vegetables
</Extension>			
<Extension extensionId=OilProductTypeCode		Define the extension if you need to send the type of the oil product. Possible values: VGOL - Biodegradable vegetable oil	

		• TSOL - Two-stroke engine oil • OHOL - other oil	
<InfoContent>	LongTextType	Free text, that supplier can use in own purposes (max 70 characters)	Product attributes: Law registers
</Extension>			
<Extension extensionId=SupplierOwnProductGroup		Define the extension if you need to send a tag or any other additional descriptive detail about the product	
<InfoContent>	LongTextType	Free text, that supplier can use in own purposes (max 70 characters)	
</Extension>			
<Extension extensionId=LatinFishName		Define the extension if you need to send fish name in Latin	
<InfoContent>	LongTextType	Free text defining fish name in Latin	Product attributes: basic info
</Extension>			
<Extension extensionId=BeerStyle @lang>		Define the extension if you need to send beer style description, e.g. Session IPA, Lager etc.	
<InfoContent>	LongTextType	Free text defining beer style	Product attributes: Product description
</Extension>			
<Extension extensionId=FishFilletingCategory>		Define the extension if you need to send fish filleting category	
<InfoContent>	LongTextType	Code that indicates how the fish product has been filleted or cleaned. See FishFilletingCategory for code values that PDS accepts	Product attributes: Product description
</Extension>			
</ItemDescriptionInfo>			
<ItemInstructionsInfo>			

<ConsumerInstructionsInfo>			
<ConsumerInstructions@lang>	LongTextLangType	Usage instructions for consumer which is normally held on the label or accompanying the product	Product attributes: Product description
</ConsumerInstructionsInfo>			
<ConsumerSafetyInfo>			
<ConsumerSafetyInstructions@lang>	LongTextLangType	Free text information regarding the trade item's consumer safety (treatment, warnings etc.)	Product attributes: Product description
</ConsumerSafetyInfo>			
<ItemMinimumLifeSpanFromTimeOfArrival>	PositiveNumType	The number of days, guaranteed by the manufacturer, before the expiration date of the trade item, based on arrival to a mutually agreed to point in the buyers distribution system	Product attributes: Storage
<ItemMinimumLifeSpanFromTimeOfProduction>	PositiveNumType	The period of days, guaranteed by the manufacturer, before the expiration date of the product, based on the production. Total shelf life	Product attributes: Storage
<ItemTemperatures>			
<ItemTemperature>		Define one ItemTemperature record to pass on information of minimum and maximum temperature, e.g. minimum storage and maximum storage temperature	
<TemperatureQualifierCode>	TemperatureQualifierCodeType	Code defining the type of a temperature requirement. PDS accepts these values: 'STORAGE_HANDLING' - storage temperature 'TRANSPORTATION' - transportation temperature 'SERVING_TEMPERATURE' - wine serving temperature	Product attributes: Storage Product attributes: Alcohol
<MinimumTemperature>		Minimum allowed temperature	
<TemperatureValue>	Decimal2FractionDigitsType	Value of the minimum allowed temperature	Product attributes: Storage Product attributes: Alcohol

<TemperatureMeasurementUnitCode>	TemperatureMeasurementUnitCodeType	Code defining the measurement unit of temperature. PDS accepts only 'CEL', i.e. celsius	
</MinimumTemperature>			
<MaximumTemperature>		Maximum allowed temperature	
<TemperatureValue>	Decimal2FractionDigitsType	Value of the maximum allowed temperature	Product attributes: Storage Product attributes: Alcohol
<TemperatureMeasurementUnitCode>	TemperatureMeasurementUnitCodeType	Code defining the measurement unit of temperature. PDS accepts only 'CEL', i.e. celsius	
</MaximumTemperature>			
</ItemTemperature>			
</ItemTemperatures>			
<OpenedItemLifeSpan>	PositiveNumType	The number of days after the opening where the product is still safe to be used	Product attributes: Storage
<PreparationInstructionsInfo>			
<PreparationInstructions@lang>	LongTextLangType	Free text instructions for consumer which is normally held on the label or accompanying the product	Product attributes: Product description
</PreparationInstructionsInfo>			
<HandlingInstructionCodes			
<HandlingInstructionCode>	HandlingInstructionCodeType	Code defining the information and processes needed to safely handle the trade item. It can be used for both sending storage condition and for defining that the item can be stacked Allowed values are defined in XSD by <i>HandlingInstructionCodeType</i>	Product attributes: Storage
</HandlingInstructionCodes>			

<ItemPeriodSafeToUseAfterOpening>		The period of time after opening that the product may be used without any harm to the consumer, PAO symbol. Measured in months	Product attributes: Storage
<AdditionalInfo>			
<Extension extensionId=FishPeriodSafeToUseAfterCutting		Define the extension if you need to pass on information about how long the fish product can be used after cutting.	
<InfoContent>	LongTextType	The number of days that the fish product can be used after cutting	Product attributes: Storage
</Extension>			
<Extension extensionId=StorageStateCode		Define the extension if you need to send information about storage state of the product	
<InfoContent>	LongTextType	Code defining the storage state. See StorageStateCode for code values that PDS accepts	Product attributes: Storage
</Extension>			
</AdditionalInfo>			
</ItemInstructionsInfo>			
<IngredientInfo>			
<Allergens>			
<Allergen>		Define one Allergen record for each allergen type that the trade item contains	
<AllergenTypeCode>	AllergenType	Code defining the type of allergen. Allowed values are defined in XSD by <i>AllergenType</i>	Product attributes: Nutrition: Allergens
<LevelOfContainmentCode>	LevelOfContainmentCode Type	Code defining the presence or absence of allergens. PDS processes only allergens where LevelOfContainmentCode = 'CONTAINS'	

</Allergen>			
</Allergens>			
<IngredientStatements>			
<IngredientStatement@lang>	LongTextLangType	Information on the constituent ingredient make-up of the product specified as one string	Product attributes: Ingredients
</IngredientStatements>			
<DietInfo>			
<DietTypeCode>	DietType	Code indicating the diet the product is suitable for PDS accepts only these values: 'VEGAN', 'VEGETARIAN'	Product attributes: Certificates
</DietInfo>			
<GrapeVariety>	ShortTextType	The vine variety or varieties used for the production of the wine product. Maximum 3 varieties (max 35 characters)	Product attributes: Alcohol
<AdditionalInfo>			
<Extension extensionId=AnimalMilkType		Define the extension if you need to pass on information about milk type that was used to produce the item	
<InfoContent>	LongTextType	PDS accepts only these values: 'COW', 'GOAT', 'SHEEP', 'BUFFALO'	Product attributes: Nutrition
</Extension>			
<Extension extensionId=OilRefiningMethod @lang		Define the extension if you need to send information about refining method of olive oil	
<InfoContent>	LongTextType	Free text describing the refining method (max 35 characters)	Product attributes: Nutrition
</Extension>			

<Extension extensionId=CoffeePer100		Define the extension if you need to send information about coffee per 100Mg/ML	
<InfoContent>	LongTextType	Amount of coffee per 100Mg/ML	Product attributes: Nutrition
</Extension>			
</AdditionalInfo>			
</IngredientInfo>			
<NutritionalInfo>			
<NutrientBasisQuantity>		Define nutrient details per 100 millilitres or per 100 grams	
<MeasurementValue>	Decimal5FractionDigitsType	= 100	Product attributes: Ingredients
<MeasurementUnitCode>	MeasurementUnitCodeType	If nutrients are declared per 100 grams, use 'GRM' If nutrients are declared per 100 grams, use 'MLT'	Product attributes: Ingredients
</NutrientBasisQuantity>			
<NutrientDetails>			
<NutrientDetail>		Define one NutrientDetail record for each nutrient type that the trade item contains	
<NutrientTypeCode>	NutrientType	Code defining the nutrient type. Allowed values are defined in XSD by <i>NutrientType</i> and additional value 'SUGAR' is accepted by PDS	Product attributes: Ingredients
<QuantityContained>		Nutrient quantity per the defined nutrient basis quantity: per 100 grams or per 100 millilitres	Product attributes: Ingredients
</NutrientDetail>			
</NutrientDetails>			
<NutritionalClaimDetails>			

<NutritionalClaimDetail>		Define one NutritionalClaimDetail for each claim. that PDS accepts (see NutritionalClaimDetail)	
<NutritionalClaimTypeCode>	NutrientClaimType	Code indicating the type of the nutritional claim, e.g. free from, reduced, contains etc.	Product attributes: Nutrition
<NutritionalClaimNutrientElementCode>	NutritionalClaimNutrientElementType	Code indicating the type of the nutrient, e.g. additives, sugars, salt etc.	Product attributes: Nutrition
</NutritionalClaimDetail>			
</NutritionalClaimDetails>			
<DescriptionsOnNutrients>			
<DescriptionOnNutrients@lang>	LongTextLangType	Any additional nutritional information or description (max 400 characters)	Product attributes: Product description
</DescriptionsOnNutrients>			
</NutritionalInfo>			
<PackagingMarkingInfo>			
<IsPriceOnPack>	YesNoType	Indication of whether there is a retail price physically on the packaging of the trade item by the manufacturer or supplier	Product attributes: Basic Info
<LocalLabelAccreditations>			
<LocalLabelAccreditationCodeReference>	LocalLabelAccreditationCodeType	Define one LocalLabelAccreditationCodeReference for each marking that the product has. Allowed values are defined in XSD by <i>LocalLabelAccreditationCodeType</i>	Product attributes: Certificates Product attributes: Product description
</LocalLabelAccreditations>			
<PackagingMarkedLabelAccreditations>			
<PackagingMarkedLabelAccreditationCode>	PackagingMarkedLabelAccreditationCodeType	Define one PackagingMarkedLabelAccreditationCode for each marking that the product has and that PDS	Product attributes: Certificates Product attributes: Product description

		accepts (see PackagingMarkedLabelAccreditationCode)	
</PackagingMarkedLabelAccreditations>			
<PackagingMarkedLanguages>			
<PackagingMarkedLanguageCode>	LanguageType	Define PackagingMarkedLanguageCode for each language in which the text on the packaging is stated. Allowed values: ISO 639-1 codes	Product attributes: Basic info
</PackagingMarkedLanguages>			
<HasBatchNumber>	YesNoType	Indication whether the base trade item has a batch or lot number	Product attributes: Basic info
</PackagingMarkingInfo>			
<PriceInfo>			
<CataloguePrice>		Define CataloguePrice to send catalogue price information. PDS accepts only one CataloguePrice per product	
<ItemPriceValues>			
<ItemPriceValue>			
<PriceAmount>	Decimal5FractionDigitsType	Amount of the catalogue price without VAT	Product General info: Price
<CurrencyCode>	CurrencyType	Code defining the currency. Allowed values: ISO 4217 currency codes	Product General info: Price
</ItemPriceValue>			
</ItemPriceValues>			
</CataloguePrice>			

<PriceComparisonContentTypeCode>	MeasurementUnitCodeType	Code that defines the unit that is used to calculate the comparative price, which is printed on shelf labels. See Allowed code values that PDS accepts as PriceComparisonContentTypeCode	
<SuggestedRetailPrice>		Define it to send suggested retail price information. PDS accepts only one SuggestedRetailPrice per product	
<ItemPriceValues>			
<ItemPriceValue>			
<PriceAmount>	Decimal5FractionDigitsType	Amount of the suggested retail price with VAT	Product Attributes: Basic info
<CurrencyCode>	CurrencyType	Code defining the currency. Allowed values: ISO 4217 currency codes PDS does not accept it to be different from catalogue price's currency code	
</ItemPriceValue>			
</ItemPriceValues>			
</SuggestedRetailPrice>			
</PriceInfo>			
<ProductActivityInfo>			
<CountryOfOrigin>	CountryCodeType	The ISO 3166-1 code of the country where the trade item originates from	Product Attributes: Basic info
<ProductActivityDetails>			
<ProductActivityDetail>		If the product is a farming product, use ProductActivityDetail to send information about the country where it was farmed or slaughtered.	

		If the product is fish or seafood, use ProductActivityDetail to send information about the catch zone. If the product is alcoholic drink that has an appellation, use ProductActivityDetail to send information about the legally defined geographical region of growing grapes	
<ProductActivityTypeCode>	ProductActivityType	PDS accepts only these values: 'FARMING', 'SLAUGHTER', 'CATCH_ZONE'	
<ProductActivityRegionZones>		Define it only if the product is fish or seafood product, or alcoholic drink that has an appellation	
<ProductActivityRegionZoneCodeReference@lang>	ShortTextLangType	For fish or seafood: catch zone For alcoholic drink: legally defined geographical region of growing grapes	Product Attributes: Basic info Product Attributes: Alcohol
</ProductActivityRegionZones>			
<CountryOfActivity>	CountryCodeType	Define it only if the product is a farming product and there is a need to pass on the country of farming or the country of slaughtering. Allowed values: ISO 3166-1 codes	Product Attributes: Basic info
</ProductActivityDetail>			
</ProductActivityDetails>			
</ProductActivityInfo>			
<BatteryInfo>		Define it only if the product has batteries	
<BatteryDetail>		Define 1 record for each battery type	
<AreBatteriesBuiltIn>	YesNoType	Indicates whether or not any batteries included with the trade item are built into the trade item during manufacturing	Product Attributes: Law registers

<BatteryTechnologyTypeCode>	BatteryTechnologyType	Code indicating the type of battery family (e.g. Lithium, NiMH). Allowed values are defined in XSD by <i>BatteryTechnologyType</i>	Product Attributes: Law registers
<BatteryTypeCode>	BatteryType	Code indicating the battery type. Allowed values are defined in XSD by <i>BatteryType</i>	Product Attributes: Law registers
<BatteryTypeQualifierCode>	BatteryQualifierType	Code indicating whether the information is in reference to a battery or a cell. Allowed values are defined in XSD by <i>BatteryQualifierType</i>	Product Attributes: Law registers
<BatteryWeight>	Decimal5FractionDigitsType	The weight of each battery included with or built into the product in grams	Product Attributes: Law registers
<QuantityOfBatteriesBuiltIn>	PositiveNumType	The number of batteries built into the product during manufacturing	Product Attributes: Law registers
</BatteryDetail>			
</BatteryInfo>			
<CertificationInfo>			
<CertificationDetails>		Define 1 record for each certification	
<CertificationStandardCode>	CertificationStandardType	Code indicating the certification standard (e.g. Hygiene certification, Excise certification). Allowed values are defined in XSD by <i>CertificationStandardType</i>	
<IsCertificateRequired>	YesNoType	Determines whether the specific certificate is required by regulation for selling the product. Use it to indicate whether the Hygiene/health certificate is required	
<HasCertificate>	YesNoType	Indicates whether the product has the specific certificate. Use it to indicate whether the product has Excise Certificate	Product Attributes: Law registers
</CertificationDetails>			
</CertificationInfo>			

<ImportClassificationInfo>		Define, if you need to send Intrastat code	
<ImportClassificationDetails>		Define 1 ImportClassificationDetailsRecord	
<ImportClassificationTypeCode>	ImportClassificationType	= 'INTRASTAT'	
<ImportClassificationValue>	ShortTextType	Value of the Intrastat code	Product Attributes: Law registers
<ImportClassificationDetails>			
</ImportClassificationInfo>			
<IsItemElectronicEquipment>	YesNoType	Indication whether the trade item is an electronic equipment product	Product Attributes: Law registers
<ElectronicEquipmentTypeCode>	ElectronicEquipmentType	Code defining type of electronic equipment product. Allowed values are defined in XSD by <i>ElectronicEquipmentType</i>	Product Attributes: Law registers
<IsItemPVCProduct>	YesNoType	Indication whether the trade item is a PVC product	Product Attributes: Law registers
<IsItemREACHRelevant>	YesNoType	Indication whether the trade item may have ingredients that subject it to REACH	Product Attributes: Law registers
<IsConsumerIDDocumentRequired>	YesNoType	Indication whether seller of the trade item must ask consumer ID or not, eg. to identify the age of the consumer	Product Attributes: Basic info
<ItemSizeInfo>			
<ItemSize>	ShortTextType	Size of the trade item	Product Attributes: Product description
</ItemSizeInfo>			
<ReferencedFiles>	ReferencedFiles		
<ReferencedFile>	ReferencedFileRecord	Details of the referenced file	
<ReferencedFileTypeCode>	ReferencedFileType	Code indicating the type of file that is being referenced. Allowed values are defined in XSD by <i>ReferencedFileType</i>	Product Attributes: Basic info

<UniformResourceIdentifier>	NormalTextType	URL - simple text string that refers to a resource on the internet	Product Attributes: Basic info
</ReferencedFile>			
</ReferencedFiles			
</ItemInfo>			
<ItemRegistrationInfo>		Define it to send alcoholic product's registration details	
<ItemRegistrationEntry>			
<ItemRegistrationDate>	DateType	Date of registration	Product Attributes: Alcohol
<ItemRegistrationNum>	NormalTextType	Registration Number	Product Attributes: Alcohol
</ItemRegistrationEntry>			
</ItemRegistrationInfo>			
<ItemUnitRecord>		ItemUnitRecord is used to describe packaging units for the trade item. Define 1 ItemUnitRecord for each packaging hierarchy level: basic unit, inner box, transport unit, pallet.	ItemUnitRecord data is displayed in Product attributes. The specific UI section depends on the type of packaging unit: Basic unit data, Inner box data, Transport unit data or Pallet data
<ItemUnit>	ShortTextType	Code describing the packaging unit. See ItemUnitRecord/ItemUnit for code values that PDS accepts by packaging unit type	
<ItemUnitGTIN>	GTINType	GTIN of the unit. If the ItemUnitRecord is for basic unit, then ItemEntry/GTIN = ItemUnitGTIN	
<UnitMeasure>			
<Width>	Decimal5FractionDigitsType	Width of the unit in millimeters	
<Height>	Decimal5FractionDigitsType	Height of the unit in millimeters	

<Length>	Decimal5FractionDigitsType	Length of the unit in millimeters	
<GrossContent>		PDS accepts GrossContent only for basic unit's ItemUnitRecord.	
<MeasurementValue>	Decimal5FractionDigitsType	It is meant for indicating the gross content value e.g. count, volume or weight. In case of weight, it must be the weight of the product without the package but with the additional liquid, if the product is conserved in liquid	
<MeasurementUnitCode>	MeasurementUnitCodeType	Unit in which the gross content is expressed, eg. piece, kilogram, litre. See Allowed code values for code values that PDS accepts	
</GrossContent>			
<NetContents>		PDS accepts NetContents only for basic unit's ItemUnitRecord	
<NetContent>			
<MeasurementValue>	Decimal5FractionDigitsType	If the product is conserved in liquid, define NetContent record to pass on the weight of basic unit's contents without liquid. For other products, NetContent record contains the same values as GrossContent record	
<MeasurementUnitCode>	MeasurementUnitCodeType	Unit in which the gross content is expressed, eg. piece, kilogram, litre. See Allowed code values for code values that PDS accepts	
</NetContent>			
</NetContents>			
<ItemWeights>		PDS accepts ItemWeights only for basic unit's ItemUnitRecord	
<GrossWeight>			

<MeasurementValue>	Decimal5FractionDigitsType	Gross weight, including basic unit and all it's packaging materials, measured and expressed in grams	
<MeasurementUnitCode>	MeasurementUnitCodeType	'GRM' - PDS requires the gross weight to be expressed in grams.	
</GrossWeight>			
<NetWeight>			
<MeasurementValue>	Decimal5FractionDigitsType	Weight of product itself without the package. In case the product is conserved in liquid, the net weight includes the additional liquid. Measured and expressed in grams.	
<MeasurementUnitCode>	MeasurementUnitCodeType	'GRM' - PDS requires the net weight to be expressed in grams.	
</NetWeight>			
</ItemWeights>			
<AdditionalItemDimensions>		Define it, if you need to send shrinked height of the basic unit. PDS accepts it only for basic unit	
<AdditionalItemDimensionsDetails>		Define 1 record	
<DimensionTypeCode>	DimensionType	= 'SHRINKED_PACKAGE'	
<Height>			
<MeasurementValue>	Decimal5FractionDigitsType	The measurement value of shrinked height	
<MeasurementUnitCode>	MeasurementUnitCodeType	'MM' - PDS requires the height to be expressed in millimeters	
</Height>			
</AdditionalItemDimensionsDetails>			

</AdditionalItemDimensions>			
<PegMeasurements>		Define it, if you need to indicate whether the basic unit has peg hole or not. PDS accepts it only for basic unit	
<HasPegHole>	YesNoType	Indicates whether the unit has hanger hole that allows the package to hang on a peg hook	
</PegMeasurements>			
<ScalesGroupCode>	ScalesGroupType	Code defining the scales group for the trade item which is sent to scales. Allowed values are defined in XSD by <i>CertificationStandardType</i> PDS accepts it only for basic unit	
<VariableItemInfo>		Define it, if the unit weight is not fixed, but variable. PDS accepts it only for basic unit	
<IsItemAVariableUnit>	YesNoType	Indicates whether a unit is not a fixed quantity, but that the quantity (e.g.weight) is variable.	
<VariableWeightAllowableDeviation Percentage>	Decimal2FractionDigitsType	The percentage value that the actual weight of the trade item may differ from the average or estimated weight given	
<VariableWeightRangeMinimum>	Decimal5FractionDigitsType	Identifies the lowest weight of the variable weight product	
<VariableWeightRangeMaximum>	Decimal5FractionDigitsType	Identifies the highest weight of the variable weight product	
</VariableItemInfo>			
</UnitMeasure>			
<UnitNumerator>	Decimal2FractionDigitsType	Quantity of basic units in the current packaging unit PDS includes it only for these units: - inner box - transport unit - pallet	

<UnitDenominator>	Decimal2FractionDigitsType	= 1. Following the general logic of UnitNumerator and UnitDenominator (see Telema eDoc implementation guidelines)	
<ItemUnitDescriptorCode>	ItemUnitDescriptorCodeType	Code defining the hierarchical level of the trade item packaging unit. Use only the following codes to define the unit for PDS: - BASE_UNIT_OR_EACH for basic unit - PACK_OR_INNER_PACK for inner box or inner packaging - CASE for transport unit - PALLET for pallet	
<PackagingInfo>			
<IsPackagingReturnable>	YesNoType	PDS accepts it only for these units: - inner box - pallet	
<PackageDeposits>		PDS accepts it only for these units: - basic unit - transport unit	
<PackageDeposit>			
<DepositCountry>	CountryCodeType	The ISO 3166-1 code of the country	
<ReturnablePackageDepositAmount>	Decimal5FractionDigitsType	Deposit price of the packaging	
<ReturnablePackageDepositIdentification>	ShortTextType	Free text identifying the deposit: - If it's basic unit's deposit, use it to pass on its registry number - If it's transport unit's deposit, use it to pass on its supplier's code	
<ReturnablePackageDepositLabelCode>	ShortTextType	Deposit label code. PDS includes it only for basic unit. See PackageDeposit/ReturnablePackageDepositLabelCode for code values that PDS accepts	
</PackageDeposit>			

</PackageDeposits>			
<PackagingMaterials>			
<PackageMaterial>		Define PackagingMaterial for each package component material	
<IsPackagingMaterialMultipleUse>	YesNoType	Indication whether the material is a multiple use material or single use material. PDS includes it only for these units: - basic unit - inner box	
<IsPackagingMaterialRecoverable>	YesNoType	Indication whether the material is recoverable/recyclable or not. PDS includes it only for these units: - basic unit - inner box	
<PackagingMaterialTypeCode>	PackagingMaterialType	Code defining the type of the material. Allowed values are defined in XSD by <i>PackagingMaterialType</i>	
<PackagingMaterialCompositionQuantity>			
<MeasurementValue>	Decimal5FractionDigitsType	Weight of the package component material in grams.	
<MeasurementUnitCode>	MeasurementUnitCodeType	'GRM' - PDS requires the material weight to be expressed in grams.	
</PackagingMaterialCompositionQuantity>			
</PackageMaterial>			
</PackagingMaterials>			
<PackagingTypeDescriptions>		PDS accepts it only for these units: - basic unit - inner box	

<PackagingTypeDescription>		Define 1 PackagingTypeDescription for single-use packaging and 1 PackagingTypeDescription for multiple-use packaging. Note that this element is for the packaging not for packaging component material. For packaging component materials define PackagingMaterials/PackagingMaterial	
<IsPackagingMultipleUse>	YesNoType	Indication whether the packaging name is for multiple use packaging or for single use packaging	
<TypeName@lang>		Free-text name of the packaging	
</PackagingTypeDescription>			
</PackagingTypeDescriptions>			
<PackagingWeight>		PDS accepts it only for these units: - inner box - transport unit - pallet PDS does not include PackagingWeight for basic unit, because for basic unit it includes gross weight and net weight, based on which packaging weight can be calculated, if necessary	
<MeasurementValue>	Decimal5FractionDigitsType	Weight of packaging in grams. It must be equal to the sum of packaging materials' weights.	
<MeasurementUnitCode>	MeasurementUnitCodeType	'GRM' - PDS requires the packaging weight to be expressed in grams.	
</PackagingWeight>			
<PackagingDimension>		Define it for sending pallet wood height information PDS accepts it only for pallet unit	
<PackagingHeight>			
<MeasurementValue>	Decimal5FractionDigitsType	The measurement value of height	

<MeasurementUnitCode>	MeasurementUnitCodeType	'MM' - PDS requires the height to be expressed in millimeters	
</PackagingHeight>			
</PackagingDimension>			
<IndustrySpecificPackagingTypeCode>	ShortTextType	A code describing packaging type specific to an industry, for example beverages. Use it for sending empty type of basic unit (PDS does not accept it for other units). See IndustrySpecificPackagingType for code values that PDS accepts	
<ReturnableAsset>		Define it for sending the number of empties per basic unit (PDS does not accept it for other units)	
<IsReturnableAssetEmpty>	YesNoType	=YES	
<ReturnableAssetsContainedQuantity>	PositiveNumType	The number of returnable assets contained that are allocated to the full returnable item. An example would be 6 bottles of beer in a six pack	
</ReturnableAsset>			
</PackagingInfo>			
<DisplayUnitInfo>			
<AmountOfFaces>	PositiveNumType	Indicates amount of product faces in display package. PDS accepts it only for basic unit	
<HasDisplayReadyPackaging>	YesNoType	Indicates whether the item unit has display ready packaging (also known as Shelf Ready Packaging or Retail Ready Packaging). PDS accepts it only for basic unit	
<IsItemADisplayUnit>	YesNoType	An indicator whether the item unit can be used as a display unit. PDS accepts it only for these units: - inner box - transport unit - pallet	

</DisplayUnitInfo>			
<HierarchyInfo>			
<MaximumNumberOfLayersContained>	PositiveNumType	Indicates the maximum number of layers of base units that the package can securely contain. PDS accepts it only for inner box	
<QuantityOfItemsPerPalletLayer>	PositiveNumType	Indicates the number of base units per pallet layer. PDS accepts it only for pallet	
<QuantityOfItemsPerPalletRow>	PositiveNumType	Indicates the number of base units per pallet row. PDS accepts it only for pallet	
</HierarchyInfo>			
<IsItemAnOrderableUnit>	YesNoType	Indication whether the packaging unit is an orderable unit. PDS accept it only for inner box	
</ItemUnitRecord>			
<BaseUnit>	ShortTextType	Basic unit. The same value as basic unit's ItemUnitRecord/ItemUnit	Product Attributes: Basic unit data
<SalesUnit>	ShortTextType	Code that indicates the selling unit of measure. See Allowed code values for code values that PDS accepts	Product General Info: Price; Product Attributes: Basic info
<TransportUnit>	ShortTextType	Code that indicates the ordering unit of measure - the unit in which the product is to be ordered, also referred to as suggested ordering unit See TransportUnit for code values that PDS accepts	Product Attributes: Basic info
<VAT>			
<VATRate>	Decimal2FractionDigitsType	VAT rate that applies to the product's catalogue price	Product Attributes: Basic info
</VAT>			
<ItemParties>			
<ManufacturerParty>			

<GLN>	GLNType	GLN of the manufacturer of the trade item	Product Attributes: Basic info
<Name>	NameTextType	Name of the manufacturer of the trade item	Product Attributes: Basic info
</ManufacturerParty>			
</ItemParties>			
<ItemAdditionalClassifications>			
<ItemAdditionalClassification>		Define ItemAdditionalClassification to pass on the PDS product category	
<AdditionalClassificationSystemCode>	ShortTextType	For PDS product category use 'PDS'	
<AdditionalClassificationCodeValue>	AdditionalClassificationValueType	Code defining the PDS product category for the trade item. Allowed values are defined in XSD by <i>AdditionalClassificationValueType</i>	Product General Info
</ItemAdditionalClassification>			
</ItemAdditionalClassifications>			
</ItemEntry>			

Examples of Describing Units in PRODAT message

Example A) The product is a tin can of peas that are packed into a box of 24 for transportation. The box of 24 that is used for transportation is also the suggested ordering unit.

- Basic Unit's ItemUnitRecord describes the tin can (its weights, dimensions, materials etc.)
- Transport Unit's ItemUnitRecord describes the box (unit, weight, materials, quantity of basic units within it)
- BaseUnit = Basic Unit's ItemUnitRecord/ItemUnit = tin can
- TransportUnit = Transport Unit's ItemUnitRecord/ItemUnit = box

Example B) The product is apple. For transportation, they are packed into bags, but ordering goes by KG not by bag.

- Basic Unit's ItemUnitRecord describes apple (unpacked)
- Transport Unit's ItemUnitRecord describes the bag (unit, weight, materials, quantity of basic units within it)
- BaseUnit = Basic Unit's ItemUnitRecord/ItemUnit = unpacked
- TransportUnit = KG

Restrictions of Allowed Code Values in PRODAT Message

The following tables describe values that PDS accepts for specific elements

FishFilletingCategory

Allowed code values
A
B
C
D
E

IndustrySpecificPackagingType

Allowed IndustrySpecificPackagingType code value	Code value description
BGNC_033	Beer Bottle Glass not Colored 0,33L
BGB_033	Beer Bottle Glass Brown 0,33L
WGNC_033	Water Bottle Glass not Colored 0,33L
BGNC_050	Beer Bottle Glass not Colored 0,5L
BGB_050	Beer Bottle Glass Brown 0,5L
BSU_033	Bottle Single Use 0,33L
CT_AS	Can Tin any size
PL_SM	Bottle Plastic <= 0,5L
PL_LG	Bottle Plastic >0,5L
GGC_050	Bottle Glass Green Carlsberg 0,5L
GEB_050	Bottle Glass Engraved Beer 0,5L
GGB_050	Bottle Glass Green (Faxe) Beer 0,5L
GB_050	Bottle Green Beer 0,5L
GIC_033	Bottle Glass Ice Beer Clear 0,33L
GBC_033	Bottle Glass Beer Clear 0,33L
KE_050	Bottle Kalnapilio Engraved 0,5L
TBE_050	Bottle Tauro Beer Engraved 0,5L
VE_050	Bottle Volf Engelman 0,5L

Allowed IndustrySpecificPackagingType code value	Code value description
SEB_050	Bottle [Alco] Svyt. Ekstra Brown 0,5L
TS_033	Bottle Tuborg Svyturio 0,33L
VER_050	Bottle Volf Engelman Ragucio 0,5L
GBR_050	Bottle Gubernijos 0,5L
AB_100	Bottle Alco Brown 1L
AVB_040	Bottle Alco Vilkmerges Brown 0,41L
AG_050	Bottle Alco Green 0,5L
ASPR_050	Bottle Alco Švyt.Premium Rudas 0,5L
VEPB	Bottle [Alco] Volf Engelm.Pinta Brown
SKC_050	Bottle [Alco] Kalnapilio Clear 0,5L
GBS_033	Glass Bottle Sherwood 0,33L
CBN_050	Bottle Carlsberg New 0,5L
CBN1_050	Bottle Carlsberg New 0,5L
KB_033	Beer Bottle Kaunas Brown 0,33L
KZ_050	Bottle Kalnapilio Žalias 0,5L
AT3G_033	Bottle [Alco] Tuborg 3G 0,33L
ATR_025	Bottle [Alco] Transparent 0,25L
WCDE_050	Bottle With Cork, LT Dep and EAN 0,5L
WCDE_033	Bottle With Cork, LT Dep and EAN 0,33L
WCDE_100	Bottle With Cork, LT Dep and EAN 1L

Allowed IndustrySpecificPackagingType code value	Code value description
SUC_033	Bottle Single Use 0,33L Consig
PLC_LG	Bottle Plastic >0,5L Consig
TARA	Taara
OTHR	Other

ItemUnitRecord/ItemUnit

Trade item’s packaging unit	Allowed ItemUnit code value	Code value description
Basic unit or inner box	BIB	Bag-in-Box
	BLTR	Blister Pack
	BOX	Box
	BULK	Bulk
	CAN	Can

Trade item’s packaging unit	Allowed ItemUnit code value	Code value description
	DOY	Doy Pack (Pouch)
	EPCK	Envelope Package
	FPCk	Flow Pack
	GBTL	Glass Bottle
	JAR	Jar
	MPCK	Multipack
	PBAG	Paper Bag
	PBTL	Plastic Bottle
	PBCK	Plastic Bucket

Trade item’s packaging unit	Allowed ItemUnit code value	Code value description
	PCUP	Plastic Cup
	TTRA	Tetra Pack
	TCAN	Tin Can
	TUBE	Tube
	VPCK	Vacuum Packaging
	UPCK	Unpacked
	BTL	Bottle
	BRL	Barrel
	PLBG	Plastic Bag

Trade item’s packaging unit	Allowed ItemUnit code value	Code value description
	CASE	Case
	NVLP	Envelop
	BNCH	Bunch
Transport unit	BTL	Bottle
	BOX	Box
	BRL	Barrel
	TTRP	Tetra Pack
	CTSH	Cardboard Tray (Shelved)
	PLTR	Plastic Tray

Trade item’s packaging unit	Allowed ItemUnit code value	Code value description
	CDSH	Counter Display (Shelved)
	BBNS	Bardboard Box (Non-Shelved)
	PLCS	Plastic Case
	PLSD	Plastic Crate (Drinks)
	14PL	1/4 EUR-Pallet
	PLT	EUR-Pallet
	OTHR	Other Package Type
Pallet	EUPL	EUR-Pallet
	12PL	1/2 EUR-Pallet

Trade item’s packaging unit	Allowed ItemUnit code value	Code value description
	14PL	1/4 EUR-Pallet
	FIPL	FIN-Pallet
	CHPL	CHEP-Pallet
	CTNR	Container
	FCNT	Flower Container
	WCNT	Foldable Wooden Container

ItemInfo/PriceInfo/PriceComparisonContentTypeCode and SalesUnit

Allowed MeasurementUnitCode code value	Code value description
KGM	Kilogram

Allowed MeasurementUnitCode code value	Code value description
LTR	Litre
PCS	Piece
PR	Pair
MTK	Square Meter
MTQ	Cubic Meter
MTR	Meter

*ItemUnitRecord/UnitMeasure/**GrossContent/MeasurementUnitCode**, ItemUnitRecord/UnitMeasure/NetContents/NetContent/MeasurementUnitCode*

Allowed MeasurementUnitCode code value	Code value description
KGM	Kilogram
GRM	Gram
MGM	Milligram
LTR	Litre
MLT	Millilitre
CLT	Centilitre
PCS	Piece
PR	Pair

Allowed MeasurementUnitCode code value	Code value description
MTK	Square Meter
MTQ	Cubic Meter
MTR	Meter

NutritionalClaimDetail

NutritionalClaimNutrientElementType	NutritionalClaimType
ADDITIVES	CONTAINS
ADDITIVES	FREE_FROM
ALCOHOL	CONTAINS
ALCOHOL	FREE_FROM
CALORIES	FREE_FROM
CALORIES	LOW
CALORIES	REDUCED_LESS
DAIRY	CONTAINS

NutritionalClaimNutrientElementType	NutritionalClaimType
DAIRY	FREE_FROM
EGGS	CONTAINS
EGGS	FREE_FROM
FAT	FREE_FROM
FAT	LIGHT_LITE
FAT	LOW
FAT	NATURAL
FAT	REDUCED_LESS
FIBRE	HIGH

NutritionalClaimNutrientElementType	NutritionalClaimType
FIBRE	SOURCE_OF
GLUTEN	FREE_FROM
GLUTEN	VERY_LOW
LACTOSE	FREE_FORM
LACTOSE	LOW
MONO_UNSATURATED_FAT	HIGH
OMEGA_3_FATTY_ACIDS	HIGH
OMEGA_3_FATTY_ACIDS	SOURCE_OF
POLYUNSATURATED_FAT	HIGH

NutritionalClaimNutrientElementType	NutritionalClaimType
PROTEIN	ENRICHED_WITH
PROTEIN	HIGH
PROTEIN	INCREASED
PROTEIN	NATURAL
PROTEIN	SOURCE_OF
SATURATED_FAT	REDUCED_LESS
SODIUM_SALT	FREE_FROM
SODIUM_SALT	LOW
SODIUM_SALT	NO_ADDED

NutritionalClaimNutrientElementType	NutritionalClaimType
SODIUM_SALT	REDUCED_LESS
SODIUM_SALT	VERY_LOW
SOY	CONTAINS
SOY	FREE_FROM
SUGARS	FREE_FROM
SUGARS	LOW
SUGARS	NO_ADDED
SUGARS	REDUCED_LESS
UNSATURATED_FAT	HIGH

NutritionalClaimNutrientElementType	NutritionalClaimType
VITAMINS_AND_OR_MINERALS	ENRICHED_WITH
VITAMINS_AND_OR_MINERALS	NATURAL

PackageDeposit/ReturnablePackageDepositLabelCode

Allowed ReturnablePackageDepositLabelCode code value	Code value description
APNR	A - Plastic <= 0.5L Non-Returnable
BPNR	B - Plastic > 0.5L Non-Returnable
CMTL	C - Metal Non-Returnable
DCNR	D - Glass Non-Returnable
KCRT	K - Glass Returnable
PRSM_PSMZ	Plastic <= 0,5L Zero Price, Prisma
PRSM_PLGZ	Plastic > 0,5L Zero Price, Prisma
PRSM_CLSZ	Glass Zero Price:Prisma
PRSM_JARZ	Jar Zero Price, Prisma
PRSM_JAR	Jar, Prisma
PRSM_DPRT	Deposite Return, Prisma

PackagingMarkedLabelAccreditationCodeType

Allowed PackagingMarkedLabelAccreditationCodeType code value
AQUACULTURE_STEWARDSHIP_COUNCIL
BRA_MILJOVAL_LABEL_SWEDISH
ECOCERT_CERTIFICATE
ECOCERT_COSMOS_ORGANIC
EESTI_OKOMARK
EESTI_PARIM_TOIDUAIN
EU_ECO_LABEL
FAIR_TRADE_MARK
FOREST_STEWARDSHIP_COUNCIL_LABEL
GLOBAL_ORGANIC_TEXTILE_STANDARD
GMO_MARKED
MARINE_STEWARDSHIP_COUNCIL_LABEL
OFG_ORGANIC
PROTECTED_DESIGNATION_OF_ORIGIN
PRO_TERRA_NON_GMO_CERTIFICATION
RAINFOREST_ALLIANCE
ROUNDTABLE_ON_RESPONSIBLE_SOY
SUSTAINABLE_PALM_OIL_RSPO

Allowed PackagingMarkedLabelAccreditationCodeType code value
SVANEN
TRADITIONAL_SPECIALTY_GUARANTEED
TUNNUSTATUD_EESTI_MAITSE
UTZ_CERTIFIED

StorageStateCode

Allowed StorageStateCode value	Code value description
CHLD	Chilled
FRZN	Frozen
MLTD	Melted
RGLR	Regular
WRM	Warm

TransportUnit

Allowed TransportUnit code value	Code value description
KG	Kilogram (weight)

Allowed TransportUnit code value	Code value description
PCS	Piece (basic unit)
INRB	Inner box
TRNB	Transport Unit
PLT	Pallet

PRICAT

In PDS, user can see all the received data when she selects Assortments in the side menu and opens the buyer’s assortment:

Products

Exports

Assortments

Imports

Assortments

SELVER AS
Last updated 01.03.2022

14 products

COOP EESTI KESKÜHISTU
Last updated 01.03.2022

5 products

BOLT STORE EE OÜ
Last updated 03.03.2022

2 products

The following chapters describe PRICAT message effective content (DocumentItem) in respect of Telema PDS. Before implementing, please also consider [general master data implementation guidelines](#).

eDoc node	Type	Description	Is Mandatory
<ItemPartyEntry>			For any LineFunction
<LineFunction>	LineFunctionCode	Possible values: „ORIGINAL“, „UPDATE“, „DELETE“: - ORIGINAL - product assortment record is created fully based on the message data. Use it when the product has been accepted to the specific buyer’s assortment and you need to send assortment info to PDS or in case you need to fully overwrite the product’s assortment info in PDS. - UPDATE - new version of product assortment record is created: values that do not exist in the message are copied from the existing version to the new version. Use it when you need to update product assortment info, e.g. buyer-specific price - DELETE - current date is set as product assortment record’s validity end date. Use it, when the product needs to be excluded from the buyer’s assortment. Note that any other fields sent with the message are not updated in PDS	For any LineFunction
<PartyCode>	PartyCodeType	Code defining the client (i.e. buyer) whose assortment data is being sent	For any LineFunction
<SellerItemCode>	ShortTextType	Code that uniquely identifies the product for PDS	For any LineFunction
<BuyerItemCode>	ShortTexttype	Product’s code in the client’s (i.e. buyer’s) system	For no LineFunction

<ItemUnit>	ShortTextType	Code defining the ordering unit, i.e. the unit in which the specific buyer orders the product. See ItemUnit for code values that PDS accepts	If LineFunction = ORIGINAL
<BeginDate>	DateTimeType	The date when product assortment record becomes effective in PDS. It is saved only if the LineFunction is ORIGINAL: • If you send a past date, PDS saves current date as assortment start date, because in PDS assortment cannot become effective and be used in the past • If the product starts to be in the assortment in the future and you send a future date, PDS saves the sent future date as assortment start date • If BeginDate is not defined, the current date is saved as assortment start date in PDS	For no LineFunction
<ItemMinAmount>	Decimal5FractionDigitsType	Minimum order quantity in unit that is defined by ItemUnit	For no LineFunction
<ItemMinStockSize>	Decimal5FractionDigitsType	Required stock in unit that is defined by ItemUnit	For no LineFunction
<ItemRefInfo>	RefInfoRecord		For no LineFunction
<TargetMarketInfo>	TargetMarketInfoRecord		
<TargetMarketCountryCode>	CountryCodeType	The ISO 3166-1 code of the target market country PDS accepts only 1 TargetMarketCountryCode	
</TargetMarketInfo>			
</ItemRefInfo>			
<ItemChangeReasons>	ItemChangeReasons		For no LineFunction
<ItemChangeReason @lang>	LongTextLangType	Free text reason why the item information has changed PDS accepts only 1 ItemChangeReason	
</ItemChangeReasons>			
<ItemIsReplacableInEshop>	YesNoType	Indicates whether the item can be replaced in buyer's E-shop	For no LineFunction
<ItemPriceTypes>	ItemPriceTypes		If LineFunction = ORIGINAL

<ItemPriceType>	ItemPriceTypeRecord	Define 1 ItemPriceType, it includes both discount percent to buyer and buyer-specific price amount	If LineFunction = ORIGINAL
<PriceActionCode>	SegmentActionCodeType	Use 'ADD' when sending price info to PDS	If LineFunction = ORIGINAL
<PriceBasisQuantity>	ItemMeasurementRecord	Qualifies Price with a 'Price Per' quantity	If LineFunction = ORIGINAL
<MeasurementValue>	Decimal5FractionDigitsType	=1, when sending price info to PDS	If LineFunction = ORIGINAL
<MeasurementUnitCode>	MeasurementUnitCodeType	Code defining the selling unit of measure, i.e. the unit that is the basis for the price. See PriceBasisQuantity/MeasurementUnitCode for code values that PDS accepts	If LineFunction = ORIGINAL
</PriceBasisQuantity>			
<PriceTypeCode>	ItemPriceType	Use 'CONTRACT_PRICE' when sending price info to PDS	If LineFunction = ORIGINAL
<PriceTypeEffectiveStartDates>	PriceTypeEffectiveStartDates	Define it, to send price start date	For no LineFunction
<PriceTypeEffectiveStartDate>	SegmentEffectiveStartDateRecord	PDS accepts 1 PriceTypeEffectiveStartDate record	
<EffectiveStartDateTime>	DateTimeType	Price start date: • If the product is already in the assortment with this price and you send a date in the past, PDS saves as price start date the current date, because in PDS the price cannot become effective and cannot be used in the past • If the product starts to be in the assortment with this price in the future, and you send the future date, PDS saves the future date as price start date • If EffectiveStartDateTime is not defined, the current date is saved as price start date in PDS Note that, if the product already exists in the assortment, PDS automatically sets validity end date to the existing price: the validity end date = EffectiveStartDateTime - 1 day	
<EffectiveStartDateContextCode>	EffectiveStartDateContextCodeType	Use 'VALIDITY_START_DATE', when sending price info to PDS	
</PriceTypeEffectiveStartDate>			

</PriceTypeEffectiveStartDates>			
<PriceValues>	PriceValues		If LineFunction = ORIGINAL
<PriceValueInfo>	PriceValueRecord	Define 2 PriceValueInfo records: 1 record for describing discount percent that has been agreed with the buyer 1 record for describing buyer-specific price amount	If LineFunction = ORIGINAL
<PriceValue>	Decimal5FractionDigitsType		If LineFunction = ORIGINAL
<PriceValueTypeCode>	PriceValueType	Use 'PERCENT' for discount percent PriceValueInfo record Use 'VALUE' for buyer-specific price amount record	If LineFunction = ORIGINAL
<PriceValueInfo>			
<PriceValues>			
</ItemPriceType>			
</ItemPriceTypes>			
<PartyName>	NameTextType	Partner name (branch-level) in sender's ERP	For no LineFunction
<IsItemConsignmentArticle>	YesNoType	Defines whether the assortment item is a consignment article	For no LineFunction
<AdditionalInfo>			For no LineFunction
<Extension extensionId=ItemMinAmountHypermarket		It can be used to define MOQ that is applied for hypermarkets	
<InfoContent>	LongTextType	MOQ for hypermarkets in unit that is defined by ItemUnit	
</Extension>			
<Extension extensionId=OrderingUnitHypermarket		It can be used to define ordering unit that is applied for hypermarkets	
<InfoContent>	LongTextType	Ordering unit for hypermarkets in unit that is defined by ItemUnit	

</Extension>			
<Extension extensionId=ItemMinReturnableDays		Define it, to send minimum guarantee days	
<InfoContent>	LongTextType	Number of days, e.g. 5, or 7, or 10	
</Extension>			
<Extension extensionId=ItemMaxReturnableDays		Define it, to send maximum guarantee days	
<InfoContent>	LongTextType	Number of days, e.g. 5, or 7, or 10	
</Extension>			
<Extension extensionId=QuantityOfBasicUnitsInTransportUnit>		Define it, to send the number of basic units in transport unit that applies to the specific retailer	
<InfoContent>	LongTextType	Quantity of units, e.g. 5, or 7, or 10	
</Extension>			
</AdditionalInfo>			
<ItemMinimumLifeSpanFromTimeOfArrival>	PositiveNumType	Define it to send the number of days before the expiration date of the trade item that applies to the specific retailer	
<IncotermInfo>	IncotermInfoRecord	Incoterm and delivery information	
<IncotermCode>	IncotermCodeType	Code identifying the incoterm delivery rule	
<IncotermCodeLocation>	ShortTextType	Delivery destination. See DeliveryDestination for code values that PDS accepts	
</IncotermInfo>			

Examples of Describing Prices in PRICAT message

Example A) The product was accepted to the buyer's assortment already a year ago, but only now assortment data is sent to PDS: agreed discount percent is 10 and buyer-specific price is 12:

Set ItemPartyEntry/LineFunction as 'ORIGINAL'

At the position of ItemPartyEntry/ItemPriceTypes/ItemPriceType/ItemPriceValues, define 2 PriceValueInfo records:

```
<PriceValueInfo>
  <PriceValue> 10</PriceValue>
  <PriceValueType> PERCENT</PriceValueType>
</PriceValueInfo>
<PriceValueInfo>
  <PriceValue> 12</PriceValue>
  <PriceValueType> VALUE</PriceValueType>
</PriceValueInfo>
```

Example B) The product is already in the buyer's assortment. Now, the buyer agrees with the proposed price change: discount percent to buyer remains at 10%, but buyer-specific price increases to 13 due to an increased catalogue price. The new price becomes effective on a future date: 01.09.2022.

Set ItemPartyEntry/LineFunction as 'UPDATE'

At the position of ItemPartyEntry/ItemPriceTypes/ItemPriceType/ItemPriceValues you must define the new price:

```
<PriceValueInfo>
  <PriceValue> 13</PriceValue>
  <PriceValueType> VALUE</PriceValueType>
</PriceValueInfo>
```

Optionally, you can also send discount percent again:

```
<PriceValueInfo>
  <PriceValue> 10</PriceValue>
  <PriceValueType> PERCENT</PriceValueType>
</PriceValueInfo>
```

At the position of ItemPartyEntry/PriceTypeEffectiveStartDates define:

```
<PriceTypeEffectiveStartDate>  
  <EffectiveStartDateTime>2022-09-01</EffectiveStartDateTime>  
  <EffectiveStartDateContextCode>VALIDITY_START_DATE</EffectiveStartDateContextCode>  
</PriceTypeEffectiveStartDate>
```

Restrictions of Allowed Code Values in PRICAT Message

DeliveryDestination

Allowed code	Code value description
SH	Direct delivery (Supplier->Shop)
DC	Centralized delivery (Supplier->DC)
SHDC	Mixed (Supplier->Shop, some DC)
DCSH	Mixed delivery (Supplier->DC, some Shop)

IncotermCode

Allowed code	Code value description
EXW	EXW (Ex Works)
FCA	FCA (Free Carrier)
FOB	FOB (Free On Board)
CFR	CFR (Cost and Freight)
CIF	CIF (Cost, Insurance and Freight)

DAP	DAP (Delivered At Place)
DDP	DDP (Delivered Duty Paid)
FAS	FAS (Free Alongside Ship)
CPT	CPT (Carriage Paid To) Named Place
CIP	CIP (Carriage and Insurance Paid to) Named Place
DPU	DPU (Delivered Place Unloaded)

ItemUnit

Allowed code value	Code value description
KG	Kilogram (weight)
PCS	Piece (basic unit)
INRB	Inner box

Allowed code value	Code value description
TRNB	Transport Unit
PLT	Pallet

PriceBasisQuantity/MasurementUnitCode

Allowed code value	Code value description
KGM	Kilogram
LTR	Litre
PCS	Piece
PR	Pair
MTK	Square Meter

Allowed code value	Code value description
MTQ	Cubic Meter
MTR	Meter