ITEMLINEINFO

GENERIC JSON STRUCTURE DOCUMENTATION

Customer Order – Version 1.1

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1. Introduction

This document will describe the generic JSON structure named “Customer Order”.

2. Customer Order

2.1. Root

This structure is the root of the JSON and represents a customer's quotation and / or order with the invoicing and delivery details.

CustomerOrder		
Parameter	**Type**	**Description**
Version	VersionInfo	Structure containing the export information and the exporting system.
Company	CompanyInfo	Structure containing the references about the dealer company.
Customer	CustomerInfo	Structure containing the information about the customer.
Project	ProjectInfo	Structure containing the information about the project
AlternativeInfoCollection	Array of AlternativeInfo	Array containing one or more alternatives (E.g.: building with several alternatives)
Invoicing	InvoicingInfo	Structure containing the invoicing information
SupplierOrdersCollection	Array of SupplierOrderInfo	Array containing the orders information for each supplier (One structure per supplier).

2.2. VersionInfo

Structure representing the version information of the JSON export.

VersionInfo		
Parameter	**Type**	**Description**
MajorVersion	Int32	Major version of the export (Current major version is “1”)
MinorVersion	Int32	Minor version of the export (Current minor version is “1”)
CreationDate	Nullable DateTime	Date when the export has been created
ComputerName	String	Name of the computer where the export has been created
ApplicationName	String	Name of the application where the export has been created
ApplicationVersion	String	Version of the application where the export has been created

2.3. CompanyInfo

Structure representing the information of the seller's company.

CompanyInfo		
Parameter	**Type**	**Description**
CompanyReference	CompanyReference	Structure containing the reference of the dealer company
CompanyReference		
CompanyId	String	Internal ID of the company
Name	String	Name of the company
MainAddress	AddressInfo	Address of the dealer company. Here we should get only the "Company" (1) context and the "Our Company Reference" (40) as address type.
RegistrationNumber	String	Registration number of the company
VATRegistrationNumber	String	Registration number for the VAT
DepartmentNumber	String	Department number when the company is a subsidiary.
CompanyGroup	CodeValueInfo	Code + Name of the company group
ShopAddress	String	-
BanksCollection	Array of BankInfo	Array containing the bank(s) reference(s) of the company
BankInfo		
BankName	String	-
BankNumber	String	-
BankAccount	String	-
PostAccount	String	-
Comment	String	-
AdditionalInfo	String	Free field for additional information

2.4. CustomerInfo

This structure contains the information of the concerned customer.

CustomerInfo		
Parameter	**Type**	**Description**
CustomerId	Int32	Internal ID of the customer
CustomerNumber	String	Customer number
ExternalReference	String	Customer ID for external system
MainAddress	AddressInfo	Main address of the customer. Here we should find only the "Customer" (20) address type
VATNumber	String	Customer VAT number
Comment	String	-

2.5. ProjectInfo

This structure contains the information of the project.

CustomerInfo		
Parameter	**Type**	**Description**
ProjectReference	ProjectReference	Reference of the project
ProjectReference		
ProjectId	Int32	Internal project ID
ProjectNumber	String	Project number
SubProjectNumber	String	Sub project number
ExternalReference	String	Reference of the project for external software
Name	String	Name of the project
IsRetailSale	Boolean	If this project is for retail sale
IsWebProject	Boolean	If this project is a web project
CreateDate	Nullable DateTime	Date when the project has been created
LastChangeDate	Nullable DateTime	Latest date when the project has been changed
StartDate	Nullable DateTime	Start date of the project
EndDate	Nullable DateTime	End date of the project
EarliestDeliveryDate	Nullable DateTime	Earliest date when the project can be delivered
Comment	String	General comments on this project
ContractNumber	String	Project's contract number
CustomerOrderNumber	String	Customer order number for this project
DrawingComment	String	General comment concerning the drawing(s) of this project
ProjectType	CodeValueInfo	Custom code + text for the type of project
District	CodeValueInfo	Custom code + text for the district of the project
Opinion	CodeValueInfo	Custom code + text for the opinion of the project
OrderStatus	CodeValueInfo	Custom code + text for the global order status of the project
Status	Status	Enumeration on the current status of the project: Value – Description -1 – Undefined 0 – Active 1 – Pending 2 – Finished 3 – Lost 4 – Discontinued 5 – Definitively Lost
ArchiveStatus	ArchiveStatus	Enumeration on the current archive status of the project: Value – Description -1 – Undefined 0 – Not archived (Automatic) 1 – Not archived (Manual) 2 – Archived (Automatic) 3 – Archived (Manual) 4 – Migrated
ClosingDate	Nullable DateTime	Date when the project has been closed
DealerTerms	CodeValueInfo	Dealer terms custom code + text

CustomerInfo		
Parameter	**Type**	**Description**
Terms	TermsInfo	Structure containing the terms
TermsInfo		
DeliveryTime	CodeValueInfo	Custom terms for the delivery time
TransportTerms	CodeValueInfo	Custom terms for the transport
DeliveryTerms	CodeValueInfo	Custom terms for the delivery
PaymentTerms	CodeValueInfo	Custom terms for the payment
SatusInfo	CodeValueInfo	Status custom text info
Competitor	CodeValueInfo	Custom information regarding the competitor for this project
Misc	CodeValueInfo	Custom misc information regarding this project
AddressesCollection	Array of AddressInfo	Array containing all the addresses related to this project (E.g.: Company, company delivery, project builder, project owner, delivery, invoice, our designer reference, etc.)
InfosForSuppliersCollection	Array of ProjectSupplierInfo	Array containing the suppliers concerned by this project
ProjectSupplierInfo		
SupplierId	String	ID of the supplier
Message	String	Message to the supplier
AgreementNumber	String	-

2.6. AlternativeInfo

This structure represents one alternative and contains the information about the drawing.

AlternativeInfo		
Parameter	**Type**	**Description**
AlternativeReference	AlternativeReference	Reference of the alternative

AlternativeReference		
AlternativeId	Int32	Internal alternative ID
ExternalReference	String	Reference of the alternative for external software
AlternativeCode	String	Code of the alternative
ContractNumber	String	Contract number for this alternative

ProjectNr	Int32	Project Number
SubProjectNr	Int32	Sub Project Number
AlternativeNumber	Int32	Alternative Number
SubAlternativeNumber	Int32	Sub Alternative Number
AlternativeName	String	Name of the alternative
ConditionsCollection	Array of AlternativeCondition	Array containing the prices conditions to apply on the alternative

AlternativeCondition		
Name	String	Name of the condition
PrintName	String	Name of the condition to print on the printouts
Operation	Int32	If "VatPercent" or "AmountExVat" is inferior to 0 then -1. In the other cases the value is 1.
Type	AlternativeConditionType	Enumeration on the condition type: Value – Description -1 – Undefined 0 – Price after previous conditions 1 – Initial Price 2 – Last sub total price
RatePercent	Double	
RoundOff	Int32	Number of decimals for the round off
AmountExVat	Double	Amount VAT excluded
VatPercent	Double	VAT percent
ShowSubTotalAfterCondition	Boolean	If the sub total should be displayed once the condition is applied

Offer	CustomerOfferInfo	Structure containing the Information of the offer for this alternative

CustomerOfferInfo		
OfferNumber	String	Offer number
DateOffer	WeekDateTime	Date or week date of the offer
DateLegal	WeekDateTime	Date or week date when until the offer is valid

AlternativeInfo		
Parameter	**Type**	**Description**
Order	CustomerOrderInfo	Structure containing the Information of the order for this alternative

CustomerOrderInfo		
CustomerOrderNumber	String	Order number for the customer
OrderDate	WeekDateTime	Structure containing the date or week date of the order
OrderConfirmationDate	WeekDateTime	Structure containing the date or week date of the order confirmation
AmendmentStatus	AmendmentStatus	Enumeration on the current status of the amendment: Value – Description -1 – Undefined 0 – No requested 1 – Price change detected 2 – Free detected 3 – None detected 4 – Price change printed 5 – Free printed
AmendmentDate	WeekDateTime	Structure containing the date or week date of the amendment
AmendmentConfirmationDate	WeekDateTime	Structure containing the date or week date of the amendment confirmation

ApprovedForOrder	OrderApprovedInfo	Structure containing the order's approval information for this alternative

OrderApprovedInfo		
User	AddressInfo	Structure containing the user information having approved the order (filling all the address is not required if it is just an internal user. At least the Name should be filled)
Date	WeekDateTime	Structure containing the date or week date when the order has been approved

OrderContol	OrderControlInfo	Structure containing the information for the order control

OrderControlInfo		
Date	Nullable DateTime	Internal code of the status information
Status	OrderControlStatus	Enumeration on the current order control status: Value – Description -1 – Undefined 0 – No control 1 – Not OK – Correction by inspector 2 – Not OK – Correction by vendor 3 – Corrected 4 – OK
Comment	String	Comment for the order control
User	AddressInfo	Structure containing the user information having controlled the order (filling all the address is not required if it is just an internal user. At least the Name should be filled)

AlternativeInfo		
Parameter	**Type**	**Description**
Delivery	AlternativeDeliveryInfo	Structure containing the delivery information for this alternative
AlternativeDeliveryInfo		
DeliveryOrderNumber	String	Delivery order number
DeliveryName	String	Delivery name
ReqFromDate	WeekDateTime	Structure containing the date or week date of the requested delivery from date.
ReqToDate	WeekDateTime	Structure containing the date or week date of the requested delivery to date.
ReqStatusDate	CodeValueInfo	Structure containing code + value of the requested date text
DeliveryDate	WeekDateTime	Structure containing the date or week date of the delivery date
AllDelivered	Boolean	Flag to determine more easily of all the alternative has been delivered
Status	Status	Enumeration on the current status of the alternative: Value – Description -1 – Undefined 0 – Active 1 – Pending 2 – Finished 3 – Lost 4 – Discontinued 5 – Definitively Lost
StatusInfo	CodeValueInfo	Custom code + text on the alternative status
AskToBeCancelledDate	Nullable DateTime	Date when the alternative has been asked to be cancelled
CancelledDate	Nullable DateTime	Date when the alternative has been cancelled
FinishedDate	Nullable Datetime	Date when the alternative has been finished
AddressesCollection	Array of AddressInfo	Array containing the addresses information linked to this alternative (E.g.: Delivery address, invoicing address, etc.)
Terms	TermsInfo	Terms of the alternative
TermsInfo		
DeliveryTime	CodeValueInfo	Custom terms for the delivery time
TransportTerms	CodeValueInfo	Custom terms for the transport
DeliveryTerms	CodeValueInfo	Custom terms for the delivery
PaymentTerms	CodeValueInfo	Custom terms for the payment
GoodsMark	String	If there is a good mark (Counter mark) on this alternative
Comment	String	Global comments on the alternative
ExcludeFromStatistics	Boolean	If this alternative is excluded from the statistics
MergeItemGroups	Boolean	If the item groups are merged into the design tool
VatPresentation	Int32	Vat presentation on the quotation in the design tool: Value – Description -1 – Undefined 0 – Excluded 1 – Included 2 – Specified
EuroMainCurrency	Boolean	If the Euro is the main currency used in this alternative

AlternativeInfo		
Parameter	**Type**	**Description**
DiscountPresentation	Int32	Presentation of discounts in the quotation of the design tool Value – Description -1 – Undefined 0 – Specify the discount where given 1 – Specify all discount per product line 2 – Specify product line discount (1) and item group discount (2) per product line 3 – Specify all discounts per item group 4 – Specify product line discount (1) and item group discount (2) per product group 5 – Specify all discount at end
PriceDetailMode	Int32	Presentation of the base prices and additional prices in the quotation of the design tool: Value – Description -1 – Undefined 0 – Additional prices included in the item line price 1 – Additional prices listed below item line price 2 – Additional prices grouped inside item group
UseIDMCalcGroupDiscount2	Boolean	Use IDM calculation group to calculate discount 2 in the design tool.
DesignsCollection	Array of DesignInfo	Array containing structures of the design(s) information. Generally the array contains multiple designs only in building cases.

DesignInfo		
DesignReference	DesignReference	Internal code + Value of the currency

DesignReference		
DesignId	Int32	Internal design ID
DesignNumber	String	Design number

DesignName	String	Name of the design
Comment	String	Global comments on this design
MergeItemGroups	Boolean	If the item groups are merged into the design tool
VatPresentation	Int32	Vat presentation on the quotation in the design tool: Value – Description -1 – Undefined 0 – Excluded 1 – Included 2 – Specified
EuroMainCurrency	Boolean	If the Euro is thecolor main currency used in this design.

AlternativeInfo		
Parameter	**Type**	**Description**
DiscountPresentation	Int32	Presentation of discounts in the quotation of the design tool Value – Description -1 – Undefined 0 – Specify the discount where given 1 – Specify all discount per product line 2 – Specify product line discount (1) and item group discount (2) per product line 3 – Specify all discounts per item group 4 – Specify product line discount (1) and item group discount (2) per product group 5 – Specify all discount at end
PriceDetailMode		Presentation of the base prices and additional prices in the quotation of the design tool: Value – Description -1 – Undefined 0 – Additional prices included in the item line price 1 – Additional prices listed below item line price 2 – Additional prices grouped inside item group
UseIDMCalcGroupDiscount2	Boolean	Use the IDM calculation group to calculate discount 2 in the design tool.
Quantity	Int32	Quantity this design must be ordered (Used only in Building context)
ContainsGraphics	Boolean	If the design contains drawed graphics
ParentDesignProperties	DesignParentInfo	Information of the parent project / alternative / Design. Used only in the buiding context.

DesignParentInfo		
ParentProjectReference	ProjectReference	Reference of the parent project

ProjectReference		
ProjectId	Int32	Internal project ID
ProjectNumber	String	Project number
SubProjectNumber	String	Sub project number
ExternalReference	String	Reference of the project for external software

ParentAlternativeReference	AlternativeReference	Reference of the parent alternative

AlternativeReference		
AlternativeId	Int32	Internal alternative ID
ExternalReference	String	Reference of the alternative for external software
AlternativeCode	String	Code of the alternative
ContractNumber	String	Contract number for this alternative

ParentDesignReference	DesignReference	Reference of the parent design

DesignReference		
DesignId	Int32	Internal design ID
DesignNumber	String	Design number

AlternativeInfo		
Parameter	**Type**	**Description**
Drawing	DrawingInfo	Information about the drawed elements (Room objects)

DrawingInfo		
RoomObjectsCollection	Array of RoomObjectInfo	Array containing the objects of the room definition

RoomObjectInfo		
RoomObjectType	RoomObjectType	Enumeration of the possible object types: Value – Description -1 – Undefined 0 – Wall 1 – False wall 2 – Window 3 – Door 4 – Sloping ceiling 5 – Niche 6 – Installation
RefPointX	Double	-
RefPointY	Double	-
RefPointZ	Double	-
Width	Double	-
Height	Double	-
Depth	Double	-
AngleZ	Double	-
Hinge	String	-
Opening	String	E.g.: left, right, etc.
WallRefNo	Int32	Wall reference number

HeaderProperties	DesignHeaderInfo	Header containing the summary about the catalogues, models, ...

DesignHeaderInfo		
MeasurementsCollection	Array of MeasurementInfo	Array containing all the measurements used in the design

MeasurementInfo		
Type	Int32	Enumeration of the type of measurement: Value – Description 5 – On floor 10 – On plinth 20 – Base unit lower edge 30 – Bebeath counter top 35 – Counter top 40 – On counter top 50 – Beneath wall unit 60 – Wall unit 70 – Top unit 80 – Over wall unit 90 – TallUnit_FullEn1 (WD) 110 – TallUnit_FullEn2 (WD) 130 – TallUnit_FullEn3 (WD) 250 – Ceiling
Name	String	Measurement name
Value	Double	Measurement value

AlternativeInfo		
Parameter	**Type**	**Description**
CataloguesCollection	Array of CatalogueInfo	Array containing all the catalogues definitions used in the design

CatalogueInfo		
CatalogueReference	CatalogueReference	Reference of the catalogue

CatalogueReference		
CatalogueName	String	Name of the catalogue
PrintName	String	Print name of the catalogue on the printouts
FileName	String	Catalogue file name
FreightPercent	String	Default freight percent for this catalogue

AvailableBlocks	Int32	
HerstellerId	String	Manufacturer ID
ProduktMarke	String	Product mark
KatalogNummer	String	Catalogue number
BranchenId	String	Branch ID
GlnNummer	String	Global Location Number
IsMainCatalogue	Boolean	If this catalogue is the main catalogue of the design
ExcludeFromProfitCalc	Boolean	If this catalogue must be excluded from the profit calculation
SupplierId	String	Supplier name linked to this catalogue

InfoFieldsCollection	Array of DesignInfoField	Array containing additional information used in the design

DesignInfoField		
CatalogueName	String	Name of the catalogue for this field
Name	String	Name of the field
ValueText	String	Value of the field

HandlesCollection	Array of HandleInfo	Array containing all the handles definitions used in the design

HandleInfo		
DoorType	DoorType	Enumeration containing the door type: Value – Description -1 – Undefined 0 – Door 1 – Drawer 2 – Smell drawer 3 – Glass door
Code	String	Handle code
Description	String	Handle description
Direction	HandleDirectionType	Enumeration containing the handle direction of the door: Value – Description -1 – Undefined 0 – Horizontal 1 – Vertical

AlternativeInfo		
Parameter	**Type**	**Description**
HeaderModelsCollection	Array of ModelInfo	Array containing all the models definitions used in the design

ModelInfo		
CatalogueReference	CatalogueReference	Reference of the catalogue

CatalogueReference		
CatalogueName	String	Name of the catalogue
PrintName	String	Print name of the catalogue on the printouts
FileName	String	Catalogue file name
FreightPercent	String	Default freight percent for this catalogue

SupplierReference	SupplierReference	Reference of the supplier

SupplierReference		
SupplierId	String	Internal identifier of the supplier
ExternalReference	String	External reference of the supplier
Name	String	Name of the supplier

IsMainModel	Boolean	If this model is the main model
ProductGroup	ProductGroupInfo	Model product group

ProductGroupInfo		
MainProductGroupName	String	Name of the main product group
ProductGroupNumber	Int32	Product group number
ProductGroupName	String	Product group name
ProductGroupVisible	Boolean	If the product group is visible

ModelNumber	Int32	Model number
ModelCode	String	Code of the model
ModelDescription	String	Description of the model
VddkSerienNummer	String	VDDK serie number
VddkFinishGroupCode	String	VDDK finish group code
ModelPrintName	String	Model name on the printouts
ColorCode	String	Color code (depend on the color system)
ColorSystem	String	Enumeration of the color system:

Value	Description
-1	Undefined
0	Internal design tool
1	Catalogue color
2	Design tool standard
3	RGB
4	CMYK
5	HSV
6	NCS
32768	Global value (No color)

AlternativeInfo		
Parameter	**Type**	**Description**
FinishesCollection	Array of FinishInfo	Array conaining the list of the finishes of the model

FinishInfo		
FinishNumber	Int32	Internal identifier of the finish
FinishGroupCode	String	Finish group code
FinishGroupName	String	Finish group name
FinishGroupSortPos	Int32	Finish group sort position
FinishGroupVisible	Boolean	If the finish group is visible
FinishCode	String	Finish code
FinishName	String	Finish name
ColorCode	String	Color code (depend on the color system)
ColorSystem	String	Enumeration of the color system:

Value	Description
-1	Undefined
0	Internal design tool
1	Catalogue color
2	Design tool standard
3	RGB
4	CMYK
5	HSV
6	NCS
32768	Global value (No color)

ItemGroupsCollection	Array of ItemGroupInfo	Array containing all the item groups definition used in the design

ItemGroupInfo		
ItemGroupReference	ItemGroupReference	Reference of the item group

ItemGroupReference		
ItemGroupNumber	Int32	Item group number
ItemGroupName	String	Item group name
ItemGroupPrintName	String	Item group name printed on the printouts

ItemGroupDiscountPercent	Double	Discount percentage on the item group
ItemGroupDiscountExVat	Double	Discount amount on the item group VAT excluded
ItemGroupDiscountInvVat	Double	Discount amount on the item group VAT included

AlternativeInfo		
Parameter	**Type**	**Description**
ItemLinesCollection	Array of ItemLineInfo	Array containing the item lines details

ItemLineInfo		
ItemLineId	ItemGroupReference	Item line unique ID
MainPos	Int32	Main position of the item line
SubPos	Int32	Sub position of the item line
LineType	ItemLineType	Enumeration containing item line type: Value – Description -1 – Undefined 0 – Standard 1 – Misc 2 – Text only
Code	String	Code of the item
Serie	String	Serie of the item
ProductType	Int32	List of possible values: Value – Description 0 – Standard Drawing List Handle Worktop Wall object Macro WT Front edge Standard product Veneer
Model	ModelInfo	Item line model

ModelInfo		
CatalogueReference	CatalogueReference	Reference of the catalogue

CatalogueReference		
CatalogueName	String	Name of the catalogue
PrintName	String	Print name of the catalogue on the printouts
FileName	String	Catalogue file name
FreightPercent	String	Default freight percent for this catalogue

SupplierReference	SupplierReference	Reference of the supplier

SupplierReference		
SupplierId	String	Internal identifier of the supplier
ExternalReference	String	External reference of the supplier
Name	String	Name of the supplier

IsMainModel	Boolean	If this model is the main model

AlternativeInfo

Parameter	Type	Description
ProductGroup	ProductGroupInfo	Model product group

ProductGroupInfo

MainProductGroupName	String	Name of the main product group
ProductGroupNumber	Int32	Product group number
ProductGroupName	String	Product group name
ProductGroupVisible	Boolean	If the product group is visible

ModelNumber	Int32	Model number
ModelCode	String	Code of the model
ModelDescription	String	Description of the model
VddkSerienNummer	String	VDDK serie number
VddkFinishGroupCode	String	VDDK finish group code
ModelPrintName	String	Model name on the printouts
ColorCode	String	Color code (depend on the color system)
ColorSystem	String	Enumeration of the color system: Value – Description -1 – Undefined 0 – Internal design tool 1 – Catalogue color 2 – Design tool standard 3 – RGB 4 – CMYK 5 – HSV 6 – NCS 32768 – Global value (No color)
FinishesCollection	Array of FinishInfo	Array conaining the list of the finishes of the model

FinishInfo

FinishNumber	Int32	Internal identifier of the finish
FinishGroupCode	String	Finish group code
FinishGroupName	String	Finish group name
FinishGroupSortPos	Int32	Finish group sort position
FinishGroupVisible	Boolean	If the finish group is visible
FinishCode	String	Finish code
FinishName	String	Finish name
ColorCode	String	Color code (depend on the color system)
ColorSystem	String	Enumeration of the color system: Value – Description -1 – Undefined 0 – Internal design tool 1 – Catalogue color 2 – Design tool standard 3 – RGB 4 – CMYK 5 – HSV 6 – NCS 32768 – Global value (No color)

AlternativeInfo		
Parameter	**Type**	**Description**
Description	String	-
Unit	CodeValueInfo	Code + String representation of the unit (E.g.: 'PIECE', M2)
UnitBinary	Int32	Binary representation of the unit: Code — Description 0x00 — Mm or Piece 0x10 — cm, dm, m, mm2 0x20 — cm2, dm2, m2, mm3
QuotationQuantity	Double	Quantity of the item
ItemGroup	ItemGroupReference	Item group reference of the item

ItemGroupReference		
ItemGroupNumber	Int32	Item group number
ItemGroupName	String	Item group name
ItemGroupPrintName	String	Item group name printed on the printouts

ItemGroupSequence	Int32	-
Litera	String	-
PlanningAdvice	String	Planning advice
rebuildText	String	-
CommentToCustomer	String	Comment to customer
CommentToSupplier	String	Comment to supplier
CommentFromSupplier	String	Comment from supplier
CommentToCustomerImportance	String	Comment to customer importance
CommentToSupplierImportance	String	Comment to supplier importance
InternalRemarks	String	Internal remark text
Assembly	Double	-
Volume	Double	-
Weight	Double	-
PlinthHeight	Double	-
Attributes	ItemLineAttributes	Attributes of the item line

ItemLineAttributes		
Hinges	String	Description of hinges code
HingesCode	Int32	List of the possible codes: Code — Description 0 — Auto 1 — Left 2 — Right
Direction	String	Description of direction code
DirectionCode	Int32	List of the possible codes: Code — Description 0 — Left 1 — Right
Veneering	String	Description of Veneering code

AlternativeInfo		
Parameter	**Type**	**Description**
VeneeringCode	Int32	List of the possible codes: Code – Description 0 – Auto 1 – Left 2 – Right 3 – Both 4 – Whole 5 – Bottom 6 – Bottom + right 7 – Bottom + left 8 – Top 9 – Top + right 10 – Top + left 11 – Top + right+ Left 12 – Bottom + right + left 13 – Top + bottom 14 – Top + bottom + right 15 – Top + bottom + left 16 – Top + bottom + left + right
Width	Double	-
WidthRebuilt	Boolean	-
Depth	Double	-
DepthRebuilt	Boolean	-
Height	Double	-
HeightRebuilt	Boolean	-
ObjectFlags1	Int32	-
ObjectFlags2	Int32	-

EDVNumber	String	EDV Number
EANNumber	String	EAN Number
Reference	String	-
OrderCode	String	-
RecycleCostCode	String	Used mainly for ECO system in France
ItemLinePartCodesCollection	Array of ItemPartCodeInfo	Array containing information about sub part of the item

ItemPartCodeInfo		
Code	String	Item part code
Serie	Int32	Item part serie
Description	String	Item part description
Quantity	Double	Item part quantity
Unit	String	Item part unit text
UnitCode	String	
ProductType	ItemProductType	Enumeration containing item line type: Value – Description -1 – Undefined 0 – Standard 1 – Drawing 2 – List 3 – Handle 4 – Worktop 5 – Wall object 6 – Macro

AlternativeInfo		
Parameter	**Type**	**Description**
		7 WT Front Edge 8 Standard product 9 Veneer 10 Built in 11 WT Wall Connector 12 Covering panel 13 CP Front Edge
ItemGroup	Int32	Item group
OrderCode	String	-
ExtraCodeType	Int32	Value if 9 only when ProductType=9. Otherwise 0.
Volume	Double	-
Weight	Double	-
ItemLineRebuildInfoCollection	Array of ItemLineRebuildInfo	Array containing the rebuild information

ItemLineRebuildInfo		
ItemRebuildInfoId	Int32	Internal rebuild info ID
Type	Int32	Enumeration containing the following type: Value Description -1 Undefined 0 Common description 1 Parameter 2 Ask for parameter 5 Color info 10 Front info
Text	String	Descriptive text
AttributeGroup	Int32	Used only for Type = 1 and Type = 2. Otherwise -1.
AttributeIdx	Int32	Used only for Type = 1 and Type = 2. Otherwise -1.
Value	String	The overridden value (excluding addition)
TotalValue	String	The overridden value (including addition)
ItemLineAccessoriesCollection	Array of ItemLineAccessory	Array containing the accessories linked to this item

ItemLineAccessory		
Code	String	Accessory code
Text	String	Descriptive text
Quantity	Double	Accessory quantity
UnitCode	String	Unit code
ItemId	Int32	Accessory unique item ID
MainPosition	Int32	Main position of the accessory
SubPosition	Int32	Sub position of the accessory
Model	ModelInfo	Model information on the item accessory

ModelInfo		
CatalogueReference	CatalogueReference	Reference of the catalogue

CatalogueReference		
CatalogueName	String	Name of the catalogue
PrintName	String	Print name of the catalogue on the printouts
FileName	String	Catalogue file name
FreightPercent	String	Default freight percent for this catalogue

AlternativeInfo		
Parameter	**Type**	**Description**
SupplierReference	SupplierReference	Reference of the supplier

SupplierReference		
SupplierId	String	Internal identifier of the supplier
ExternalReference	String	External reference of the supplier
Name	String	Name of the supplier

IsMainModel	Boolean	If this model is the main model
ProductGroup	ProductGroupInfo	Model product group

ProductGroupInfo		
MainProductGroupName	String	Name of the main product group
ProductGroupNumber	Int32	Product group number
ProductGroupName	String	Product group name
ProductGroupVisible	Boolean	If the product group is visible

ModelNumber	Int32	
ModelCode	String	
ModelDescription	String	
VddkSerienNummer	String	
VddkFinishGroupCode	String	
ModelPrintName	String	Model name on the printouts
ColorCode	String	Color code (depend on the color system)
ColorSystem	String	Enumeration of the color system: Value – Description -1 – Undefined 0 – Internal design tool 1 – Catalogue color 2 – Design tool standard 3 – RGB 4 – CMYK 5 – HSV 6 – NCS 32768 – Global value (No color)
FinishesCollection	Array of FinishInfo	Array conaining the list of the finishes of the model

FinishInfo		
FinishNumber	Int32	Internal identifier of the finish
FinishGroupCode	String	Finish group code
FinishGroupName	String	Finish group name
FinishGroupSortPos	Int32	Finish group sort position
FinishGroupVisible	Boolean	If the finish group is visible
FinishCode	String	Finish code
FinishName	String	Finish name
ColorCode	String	Color code (depend on the color system)
ColorSystem	String	Enumeration of the color system: Value – Description -1 – Undefined 0 – Internal design tool 1 – Catalogue color 2 – Design tool standard 3 – RGB 4 – CMYK 5 – HSV

AlternativeInfo

Parameter	Type	Description
		6 NCS 32768 Global value (No color)
ConstructionType	String	
SortMode	Int32	
SortPos	Int32	
ShouldPrintModelInfo	Boolean	If the model information should be printed
ShowSubTotals	Boolean	If the sub totals are displayed in the design tool
ShowItemLinesPrices	Boolean	If the item line prices are displayed in the design tool
HasItemGroupDiscount	Boolean	If this item has item group discount
Drawing	ItemLineDrawing	Drawing information on the item

ItemLineDrawing

ShapeType	Int32	IDM grund form
ConstructionType	String	
RefPointX	Double	-
RefPointY	Double	-
RefPointZ	Double	-
AngleZ	Double	-
PolygonType	Int32	IDM polygon type
IDMPosX	Double	IDM position X
IDMPosY	Double	IDM position Y
IDMPosAngle	Double	IDM position angle
GraphicalMeasuresCollection	Array of ItemGraphicalMeasure	Array containing the graphical measures

ItemGraphicalMeasure

Name	String	Name of the graphical measure
Value	Double	Value of the graphical measure

ItemEdgesCollection	Array of ItemLineEdgeInfo	Array containing the item line edge information

ItemLineEdgeInfo

EdgeType	Int32	List of the available edge types: Value – Description -1 – Undefined 0 – Line 1 – Arc
EdgeIdx	Int32	
EdgeFlag	Int32	List of the bitwise flags: Value – Description -1 – Undefined 0x01 – Front edge 0x02 – End edge 0x04 – Back edge 0x08 – Straight edge 0x10 – Joint 0x20 – Hole 0x40 – Is direction edge (only one edge has this flag)
StartPointX	Double	-
StartPointY	Double	-
EndPointX	Double	-

AlternativeInfo		
Parameter	**Type**	**Description**
EndPointY	Double	-
CenterPointX	Double	-
CenterPointY	Double	-
PointZ	Double	-
Radius	Double	-
SweepAngle	Double	-
PositiveSweetAngle	Int32	0 or 1
baselineOffset	Double	-
Prices	ItemLinePrices	Prices of the item line

ItemLinePrices		
TotalCostPriceExVAT	Double	Item line total cost price VAT excluded
TotalSalesPriceExVAT	Double	Item line total sales price VAT excluded
TotalSalesPriceIncVAT	Double	Item line total sales price VAT included
TotalDiscountsExVat	Double	Total amount of the discounts VAT excluded
TotalDiscountsPercent	Double	Total in percent of the discounts
PointPrice	Double	Item line point price
ItemCostPriceExVAT	Double	Item cost price VAT excluded
ItemSuggPriceExVAT	Double	Item suggested price VAT excluded
FreightCostExVAT	Double	Freight cost price VAT excluded
FreightExVAT	Double	Freight sales price VAT excluded
RecycleCostSalesPricesExVAT	Double	Recycle cost sales prices VAT excluded
RecycleCostSalesPricesIncVAT	Double	Recycle cost sales prices VAT included
RecycleCostVATPercent	Double	VAT percentage on recycle cost
BlockDiscCostPriceExVAT	Double	Block discount cost price VAT excluded
BlockDiscSalesPriceExVAT	Double	Block discount sales price VAT excluded
DiscountItemPercent	Double	Discount on the item level in percent (Discount 1)
DiscountItem	Double	Discount on the item level in amount (Discount 1)
DiscountItemGroupPercent	Double	Discount on the item group level in percent (Discount 2)
DiscountItemGroup	Double	Discount on the item group level in amount (Discount 3)
DiscountGlobalPercent	Double	Global discount on the design in percent (Discount 3)
DiscountGlobal	Double	Global discount on the design in amount (Discount 3)
VatPercent	Double	VAT percentage on the item line
Vat	Double	VAT amount on the item line
VatGroup	Int32	VAT group used
RoundOffExVAT	Double	Round off VAT excluded
ItemBaseDetails	ItemDetailsInfo	Structure defining the basis information of the item

AlternativeInfo		
Parameter	**Type**	**Description**

ItemDetailsInfo		
PointPrice	Double	Item point price in the catalogue
CostPriceExVAT	Double	Item cost price VAT excluded
SuggPriceExVAT	Double	Item suggested price VAT excluded
SalePriceExVAT	Double	Item sales price VAT excluded
CalculationGroupNumber	Int32	-
CalculationGroupName	String	-
TGNumber	Int32	Group number
TGName	String	Group name
ItemGroupNumber	Int32	-
ItemGroupName	String	-
DiscountItem	Double	Discount on the item level in percent (Discount 1)
DiscountItemPercent	Double	Discount on the item level in amount (Discount 1)
DiscountItemGroup	Double	Discount on the item group level in percent (Discount 2)
DiscountItemGroupPercent	Double	Discount on the item group level in amount (Discount 3)
DiscountGlobal	Double	Global discount on the design in percent (Discount 3)
DiscountGlobalPercent	Double	Global discount on the design in amount (Discount 3)
ItemFinishDetailsCollection	Array of ItemDetailsfinishInfo	Array containing the finish details of the item

ItemDetailsFinishInfo		
FinishNumber	Int32	Finish number
FinishName	String	Finish name
PointPrice	Double	Point price of the finish
CostPriceExVAT	Double	Cost price VAT excluded
SuggPriceExVAT	Double	Suggested price VAT excluded
CalculationGroupNumber	Int32	-
CalculationGroupName	String	-
TGNumber	Int32	Group number
TGName	String	Group name

Discount3Percent	Double	Global discount percentage (Discount 3)
Discount3	Double	Global discount amount for the complete design (Discount 3)
Freight	PricesInfo	Structure containing the additional freight prices details
Installation	PricesInfo	Structure containing the additional installatiun prices details
Insurance	PricesInfo	Structure containing the additional misc prices details
MiscCosts	PricesInfo	Structure containing the additional misc prices details
OperationCost	PricesInfo	Structure containing the prices of the operation cost
ExtraMarkupAdj	PricesInfo	Structure containing the prices information for extra makup adjustment
PurchaseBlock	BlockInfo	Information about the purchase block used in this design

BlockInfo (PurchaseBlock)		
Name	Int32	Name of the purchase block
PointPrice	Double	Price in points of the block
DiscCostPriceExVAT	Double	Discount cost price VAT excluded of the purchase block
DiscSalePriceExVAT	Double	Discount sale price VAT excluded of the purchase block
RegCostPriceExVAT	Double	Block registered cost price VAT excluded
RegSalesPriceExVAT	Double	Block registrered sale price VAT excluded

AlternativeInfo		
Parameter	**Type**	**Description**
PointsDetailCollection	Array of BlockPointInfo	Array containing the details of the block points

BlockPointInfo		
TGNumber	Int32	Block group number
TGName	Double	Block group name
CalculationGroupNumber	Int32	Calculation group number
CalculationGroupName	String	Calculation group name
PointsUsed	Double	Points used
PointsUnused	Double	Points unused

SalesBlock	BlockInfo	Information about the sales block used in this design

BlockInfo (SalesBlock)		
Name	Int32	Name of the sales block
PointPrice	Double	Price in points of the sales block
DiscCostPriceExVAT	Double	Discount cost price VAT excluded of the sales block
DiscSalePriceExVAT	Double	Discount sale price VAT excluded of the sales block
RegCostPriceExVAT	Double	Block registered cost price VAT excluded
RegSalesPriceExVAT	Double	Block registrered sale price VAT excluded
PointsDetailCollection	Array of BlockPointInfo	Array containing the details of the block points

BlockPointInfo		
TGNumber	Int32	Block group number
TGName	Double	Block group name
CalculationGroupNumber	Int32	Calculation group number
CalculationGroupName	String	Calculation group name
PointsUsed	Double	Points used
PointsUnused	Double	Points unused

RoundOffExVAT	Double	Round off without VAT
RoundOffIncVAT	Double	Round off with VAT included
Currency	CurrencyInfo	Structure containing the currency information of the design

CurrencyInfo		
Currency	CodeValueInfo	Internal code + Value of the currency
CurrencyLocalCode	String	Currency local code
CurrencyRate	Double	Currency rate

TotalFreightExVAT	Double	Freight total sale price without VAT of the design.
TotalInstallationExVAT	Double	Installation total sale price without VAT of the design.
TotalInsuranceExVAT	Double	Insurance total sale price without VAT of the design.
TotalItemsExVAT	Double	Items total sale price without VAT of the design.
TotalCostPriceExVAT	Double	Total cost price of the complete alternative
TotalSalesPriceExVAT	Double	Total sales prices of the design (including additional prices) without VAT
TotalSalesPriceIncVAT	Double	Total sales prices of the design (including additional prices) with VAT
TotalVATsCollection	Array of VatGroupInfo	Array containing all the VAT Groups used in this alternative (NB: In Winner Design, there is always 5 groups defined).

VatGroupInfo		
VatGroupNumber	Int32	Sequential number of the Vat Group (E.g.: 1, 2, etc.)
VatPercent	Double	Percentage of the VAT
VatBasis	Double	Amount used as basis for calculating the VAT
VatAmount	Double	VAT amount (= VatBasis x VatPercent)

AlternativeInfo		
Parameter	**Type**	**Description**
Currency	CurrencyInfo	Structure containing the currency information of the alternative
CurrencyInfo		
Currency	CodeValueInfo	Internal code + Value of the currency
CurrencyLocalCode	String	Currency local code
CurrencyRate	Double	Currency rate
TotalFreightExVAT	Double	Freight total sale price without VAT of the complete alternative.
TotalInstallationExVAT	Double	Installation total sale price without VAT of the complete alternative.
TotalInsuranceExVAT	Double	Insurance total sale price without VAT of the complete alternative.
TotalItemsExVAT	Double	Items total sale price without VAT of the complete alternative.
TotalCostPriceExVAT	Double	Total cost price of the complete alternative
TotalSalesPriceExVAT	Double	Total sales prices of the complete alternative (including additional prices) without VAT
TotalSalesPriceIncVAT	Double	Total sales prices of the complete alternative (including additional prices) with VAT
TotalVATsCollection	Array of VatGroupInfo	Array containing all the VAT Groups used in this alternative
VatGroupInfo		
VatGroupNumber	Int32	Sequential number of the Vat Group (E.g.: 1, 2, etc.)
VatPercent	Double	Percentage of the VAT
VatBasis	Double	Amount used as basis for calculating the VAT
VatAmount	Double	VAT amount (= VatBasis x VatPercent)

2.7. InvoicingInfo

This structure represents the invoicing information

InvoicingInfo		
Parameter	**Type**	**Description**
Contract	ContractInfo	

ContractInfo		
PaymentDeadlineDays	Int32	
CashDiscountPercent	Double	
CashDiscountDays	Int32	
AmountExVAT	Double	Amount VAT excluded
AmountIncVAT	Double	Amount VAT included
VATsCollection	Array of VatGroupInfo	Array containing the VAT definitions

VatGroupInfo		
VatGroupNumber	Int32	Sequential number of the Vat Group (E.g.: 1, 2, etc.)
VatPercent	Double	Percentage of the VAT
VatBasis	Double	Amount used as basis for calculating the VAT
VatAmount	Double	VAT amount (= VatBasis x VatPercent)

Currency	CodeValueInfo	Code + Value of the currency
InvoiceComment	String	-
InvoiceAddress	AddressInfo	Structure containing the invoice address
PaymentCalendarLinesCollection	Array of PaymentCalendarInfo	Array containing the payment calendars

PaymentCalendarInfo		
PaymentLineType	PaymentCalendarType	Enumeration containing the payment calendar type:

Value	Description
-1	Undefined
0	Percent of amount
1	Installation costs
3	By acceptance
7	By delivery
10	At invoice due date
11	Specific part payment
12	By end of installation
13	Seven days before delivery
14	Financing
15	Prepayment
16	By dales contract
100	User defined

PaymentLineName	String	Payment line name
DeadlineReference	DeadlineReference	Reference of the deadline

DeadlineReference		
DeadLineType	DeadLineType	Enumeration containing the deadline type:

Value	Description
-1	Undefined
0	Sales contract
1	Acceptance
2	Seven days before delivery
3	Delivery

InvoicingInfo		
Parameter	**Type**	**Description**
		4 End of installation 5 Invoice due date 6 Prepayment 7 Partial payment 8 Financing 100 User defined
DeadlineName	String	Name of the deadine
DeadlineReference	String	Reference of the deadline
AmountPercent	Double	
DueDate	Nullable DateTime	
DueAmount	Double	
IsRoundedOff	Boolean	
InvoicesCollection	Array of InvoiceInfo	Array containing the invoices

InvoiceInfo		
Company	CompanyInfo	Company concerned by the invoice
InvoiceNumber	String	Invoice number
InvoiceAddress	AddressInfo	Structure containing the invoice address
InvoiceDate	Nullable DateTime	Date of the invoice
Type	InvoiceType	Enumeration containing the invoice type: Value Description -1 Undefined 0 Invoice 1 Credit note
CashDiscountPercent	Double	-
CashDiscountAmount	Double	-
CashDiscountDays	Int32	-
ParentInvoiceNumber	String	Parent invoice number if exists
ValidationDate	Nullable DateTime	Validation date or week date
Validation	AddressInfo	Validation user (At least the name should be filled)
AmountExVAT	Double	Amount VAT excluded
AmountIncVAT	Double	Amount VAT included
VATsCollection	Array of VatGroupInfo	Array containing the VAT definition for this invoice
VatGroupNumber	Int32	Sequential number of the Vat Group (E.g.: 1, 2, etc.)
VatPercent	Double	Percentage of the VAT
VatBasis	Double	Amount used as basis for calculating the VAT
VatAmount	Double	VAT amount (= VatBasis x VatPercent)
PaymentMethod	CodeValueInfo	Code + Value of the payment method
Currency	CodeValueInfo	Code + Value of the currency
CurrentlyPrintedInvoice	Boolean	If the invoice has been printed
isSettled	Boolean	If the invoice has been settled
CommentToCustomer	String	Comment to the customer
Comment	String	Global comment on the invoice
DeadlinesCollection	Array of DeadlineInfo	Array containing the deadlines for this invoice

InvoicingInfo		
Parameter	**Type**	**Description**
DeadlineInfo		
DeadlineReference	DeadlineReference	Reference of the deadline
DeadlineReference		
DeadlineType	DeadlineType	Enumeration containing the deadline type: Value – Description -1 – Undefined 0 – Sales contract 1 – Acceptance 2 – Seven days before delivery 3 – Delivering 4 – End of installation 5 – Invoice due date 6 – Prepayment 7 – Partial Payment 100 – User defined
DeadlineName	String	Name of the deadline
DeadlineReference	String	Reference of the deadline
DueDate	Nullable DateTime	-
DueNegocatedDate	Nullable DateTime	-
DueAmount	Double	-
DateReminders	Array of nullable DateTime	Array containing all the reminder dates
PaymentsCollection	Array of PaymentInfo	Array containing only the payments related to this invoice
PaymentInfo		
PaymentNumber	Int32	Internal payment ID
PaymentDate	Nullable DateTime	Date of the payment
PaymentAmount	Double	Payment amount
PaymentMethod	CodeValueInfo	Code + Value of the payment method
PaymentType	PaymentType	Enumeration containing the payment type: Value – Description -1 – Undefined 0 – Regular payment 1 – Cash discount 2 – Payback 3 – Deposit Payment 6 – Direct debit 11 – Cash 12 – To account 13 – Cheque 14 – Credit note 100 – User Defined
PaymentTypeNumber	Int32	-
PaymentComment	String	Comment for the payment

InvoicingInfo		
Parameter	**Type**	**Description**
InvoicesCollection	Array of PaymentInvoiceInfo	Array containing the invoices for this payment
PaymentInvoiceInfo		
InvoiceNumber	String	Invoice number
AmountIncVAT	Double	Amount of the invoice VAT included
Messages	Array of String	Array containg all the messages regarding the payment
PaymentsCollection	Array of PaymentInfo	Array containing all the payments (NB: they are also contained into the invoices)
PaymentInfo		
PaymentNumber	Int32	Internal payment ID
PaymentDate	Nullable DateTime	Date of the payment
PaymentAmount	Double	Payment amount
PaymentMethod	CodeValueInfo	Code + Value of the payment method
PaymentType	PaymentType	Enumeration containing the payment type: Value – Description -1 – Undefined 0 – Regular payment 1 – Cash discount 2 – Payback 3 – Deposit Payment 6 – Direct debit 11 – Cash 12 – To account 13 – Cheque 14 – Credit note 100 – User Defined
PaymentTypeNumber	Int32	-
PaymentComment	String	Comment for the payment
InvoicesCollection	Array of PaymentInvoiceInfo	Array containing the invoices for this payment
PaymentInvoiceInfo		
InvoiceNumber	String	Invoice number
AmountIncVAT	Double	Amount of the invoice VAT included
Messages	Array of String	Array containg all the messages regarding the payment

2.8. SupplierOrderInfo

This structure represents one order to a specific supplier.

SupplierOrderInfo		
Parameter	**Type**	**Description**
SupplierDeliveryId	Int32	Internal delivery ID
OrderNumber	String	Order number
Supplier	SupplierInfo	Concerned supplier for this order
SupplierInfo		
SupplierReference	SupplierReference	Reference of the supplier
SupplierReference		
SupplierId	String	Internal identifier of the supplier
ExternalReference	String	External reference of the supplier
Name	String	Name of the supplier
MainAddress	AddressInfo	Structure containing the address of the supplier
DealerNumber	String	Dealer number
VatRegNumber	String	VAT registration number
OrderEmail	String	E-Mail for the order
InternalType	Int32	Internal type
OrderDate	WeekDateTime	Date or week date of the order
OrderChangeLimitFromDate	WeekDateTime	Start date or week date limit for order change
OrderChangeLimitToDate	WeekDateTime	End date or week date limit for order change
ReOrderDate	WeekDateTime	Date or week date when the order has been reordered
ReOrderNumber	String	Order number when reordering
Status	SupplierOrderStatus	Enumeration containing the order status: Value – Description -1 – Undefined 1 – Must be ordered 2 – Ordered – Waiting for confirmation 3 – Ordered – Waiting for reception 4 – Received 5 – Delivered and stocked 6 – Cancelled 7 – Ordered – Waiting confirmation approval 11 – Must be reordered 12 – Reordered – Waiting confirmation 13 – Reordered – Waiting for reception 16 – Must be cancelled 17 – Reordered – Waiting confirmation approval 50 – Delivered
GoodsMark	String	-
Messages	Array of String	Array containing the messages related to this supplier order
PreferReceiveDate	WeekDateTime	Date or week date preferred to receive the items from the supplier
AcknowledgmentDate	Nullable DateTime	Date of the acknowledgment
ApprovedDate	Nullable DateTime	Date when the order has been approved
ApprovedBy	AddressInfo	User having approved the order (NB: At least the name should be filled)
ReceiveDate	Nullable DateTime	Date when the order has been received
ReceptionRemarks	String	-
AllDelivered	Boolean	If all the items of the order has been delivered

SupplierOrderInfo		
Parameter	**Type**	**Description**
DeliveryFromDate	WeekDateTime	Delivery from date or week date
DeliveryToDate	WeekDateTime	Delivery to date or week date
DeliveryAddress	AddressInfo	Address of the order's delivery
ConfirmationsCollection	Array of OrderConfirmationInfo	Array containing the order confirmations received from the supplier

OrderConfirmationInfo		
ConfirmationNumber	String	Confirmation number
OrderConfirmationDate	WeekDateTime	Date or week date of the order confirmation
ReceivedFromDate	WeekDateTime	Date or week date
ConfirmedPriceExVAT	Double	Confirmed price by the supplier VAT excluded
Currency	CurrencyInfo	Currency information

CurrencyInfo		
Currency	CodeValueInfo	Internal code + Value of the currency
CurrencyLocalCode	String	Currency local code
CurrencyRate	Double	Currency rate

Comment	String	Comment for this order confirmation
ExtraAmountsExVAT	Double	Extra amounts VAT excluded

InvoicesCollection	Array of SupplierOrderInvoice	Array containing the invoices from the supplier for this order

SupplierOrderInvoice		
InvoiceNumber	String	Supplier order's invoice number
InvoiceDate	Nullable DateTime	Supplier order's invoice date
AmountExVAT	Double	Supplier order's amount VAT excluded
Currency	CurrencyInfo	Currency of the supplier order's invoice

CurrencyInfo		
Currency	CodeValueInfo	Internal code + Value of the currency
CurrencyLocalCode	String	Currency local code
CurrencyRate	Double	Currency rate

Comment	String	-

3. Common structures

3.1. CodeValueInfo

Generic structure containing a code and a value (Generally used for standard texts)

CodeValueInfo		
Code	String	Internal code
Value	String	Name or description

3.2. WeekDateTime

Generic structure for allowing to define an exact date or a week date.

WeekDateTime		
Date	Nullable DateTime	Date
IsWeekDate	Boolean	If the date if an exact date or a week date

3.3. PricesInfo

Generic structure used generally for the additional costs

PricesInfo		
CostPriceExVAT	Double	Cost price exclusing VAT of the additional cost
SalesPriceExVAT	Double	Sales price excluding VAT of the additional cost
SalesPriceIncVAT	Double	Sales price including VAT of the additional cost
RetailPrice	Double	-
VATGroup	Int32	VAT group number
VATPercent	Double	Percentage of VAT
ItemGroupReference	ItemGroupReference	Reference of the item group linked (E.g.: the item group where is appearing the additional cost)
ItemGroupReference		
ItemGroupNumber	Int32	Item group number
ItemGroupName	String	Item group name
ItemGroupPrintName	String	Item group name printed on the printouts
Visible	Boolean	If this additional cost is displayed to the user
Description	String	Description of the additional cost
DiscountPerItemGroup	Double	Amount of the discount on the item group (NB: discount 2 in Winner Design)
DiscountGlobal	Double	Amount of the discount on the complete quotation (NB: Discount 3 in Winner Design)

3.4. AddressInfo

Generic structure for defining an address (Company or user / customer) and eventually contacts linked to this address:

AddressInfo		
AddressId	Int32	Internal address ID
ExternalReference	String	Reference of the address for external software
AddressContext	AddressContext	Enumeration representing the context of the address. Value – Description -1 – Undefined 0 – Person 1 – Company 2 – Anonymous
AddressType	AddressType	Enumaration representing the type of the address. Value – Description -1 – Undefined 6 – Delivery 7 – Invoice 10 – Company 11 – Company Delivery 20 – Customer 25 – Supplier 30 – Project Builder 31 – Project Owner 40 – Our Company Reference 41 – Our Designer Reference
Name	String	Full name
SurName	String	-
FirstName	String	-
Initials	String	-
Title	CodeValueInfo	Structure containing the code + value of the title
Approach	CodeValueInfo	Structure containing the code + value of the approach
Address	String	-
Stage	String	-
ZIP	String	-
Post	String	-
Country	CodeValueInfo	Structure containing the code + value of the country information
Phone	String	-
PhoneHome	String	-
Mobile	String	-
Fax	String	-
Email	String	-
Web	String	URL of the web site.
DateBirth	Nullable DateTime	Date of birth
Language	String	E.g.: French, English, etc.
Comment	String	-
ContactsCollection	Array of ContactInfo	Array of contacts references.

AddressInfo		
ContactInfo (ContactsCollection)		
ContactId	Int32	Internal contact ID
Default	Boolean	True if the contact if a default contact
SurName	String	-
FirstName	String	-
Initials	String	-
Title	CodeValueInfo	Structure containing the code + value of the contact's title
Approach	CodeValueInfo	Structure containing the code + value how the contact has been approached
Phone	String	-
PhoneHome	String	-
Mobile	String	-
Fax	String	-
EMail	String	-