



Release Notes for OAGIS 10.1

- 1) Added Generic Party where missing everywhere a semantically named party exists in a component
- 2) Added the Intermediary area with 0 to infinite cardinality to the Application area to support Cloud Computing as well as to support complex logistics. The Intermediary is designed to be the Senders and Receivers steps along the way to the Final Receiver in the path.
 - a) Scenario One - Sender knows hops, records hops, Receiver stays the same (Sender knows the hops in advance)
 - b) Scenario Two - The hops are not necessarily known in advance so the hops are records as the BOD goes through it's path (For each message, the Senders and Receivers will change)
 - i) For the Final Receiver, we recommend using the Type Code on the Receiver to designate it as the Final Receiver.
 - c) Scenario Three - Hops are not know but know final receiver
 - d) Scenario Four - All that is known is to deliver to infrastructure (pub/sub)
- 3) Changed the Extension in the application area to allow multiple occurrences
- 4) Added the Financial Account and References Groups to Party Master, Supplier Party Master, and CustomerPartyMaster
- 5) Add the CAGEID to the Facility and the Location, ensure that Facility occurs on an Item Instance
- 6) Added CCR (Central Contractor Registration) to the Party(s) - All of them for US Government Business Identifier
- 7) Confirm BOD Enhancements
 - a) Noun Instance ID
 - i) The NounInstanceID **must only** exist as a child element of the Noun-level messages:
 - (1) NounSuccessMessage
 - (2) NounFailureMessage
 - ii) ProcessingResultCode
 - (1) The ProcessingResultCode **must only** exist as a child of the BOD element.
 - (2) The ProcessingResultCode values are: **Succeeded, PartiallyFailed, Failed**
 - iii) SourceLocationExpression
 - (1) The SourceLocationExpression **must only** exist as a child of any *ProcessMessage (at the BOD level and at the Noun level):
 - (a) ProcessMessage
 - (b) WarningMessage
 - (c) ErrorMessage
- 8) Added Receipt Discrepancy capability to describe the issue to Receive Delivery Item Type
- 9) Added Address Line to Location Type
- 10) Inspection enhancements
 - a) Incorporated OAGIS Test Request in for Inspect Delivery Line
 - b) Added in Inspection Party
- 11) Reviewed the concept of the Item versus the concept of the Item Instance as the physical occurrence of an specific Item. We added either Item or Item Instance to correct OAGIS's use of the concepts. Please note that the incorrect uses of the concepts



will be deprecated in a future release. A definition of each is in a note below. In a future release these definitions will be included in the OAGIS documentation

- 12) Based upon business requests of members added generic Quantity in the locations where they requested it occur
- 13) Added Storage Location to Facility to enable more finely grained specification for example, Aisle, Row, Bin, etc.
- 14) Made enhancements to the Schedule Component in the Meta-Model to support more of document line-like capability in the Meta Model
- 15) Added the Schedule Component to Sub-Lines throughout OAGIS
- 16) Added more inheritance to the Sub-Line Component from the Document Line Component in the Meta Model
- 17) Added Ship To Party to the Move Product Noun to the header and the Line - Cardinality of 0 to 1
- 18) Updated the InspectDelivery Noun with the following changes that will enable improved management of deliveries and inspections - specifically those of ordering inspections
 - a) Added ItemInstance
 - b) Added ToBeInspectedQuantity
 - c) Added PriorityCode
 - d) Added InventoryTransactionGroup - GLEntityID, Facility, Status, ReasonCode, Transaction and generic Party
 - e) Added generic Quantity
 - f) Added ReceivedDateTime
 - g) Added ScheduledDeliveryDateTime
 - h) Added PromisedDateTime
 - i) Added PlannedDateTime
 - j) Added UnitCost
 - k) Added TestRequest
 - l) Added InspectorParty

NOTE: Due to changes in the components the Facility now also offers the CAGEID and the new StorageLocation for tracking the received ItemInstance as it moves within the receiving and inspection areas.

- 19) Removed the occurrence of the CCTS namespace and the use of the CCTS documentation tags in order to resolve issues with vendor tools

Documentation Notes:

Item and Item Instance Usage

OAGi reviewed the concept of Item and ItemInstance for 10.1 and has adjusted Nouns that require one or the other according to these guidelines:

- Version 10, all versions, will need to maintain backwards compatibility
- It is agreed that Item represents the conceptual representation of a particular thing (Part, Assembly, Service, etc.) in that it carries the common information for all of that type of thing. Examples would include ID information (part number and etc.), classifications, specifications and unique details that would be common across all things that one would consider that Item



- ItemInstance then represents the actual physical representation of an Item in that it would also include information on one specific occurrence of the Item. Examples of this would include, serial number, logistical data (where it actually is, what it is contained within, specifics on its packaging, specifics on referential information) and information concerning parties that are involved with this occurrence (manufacturer, owner, lessee, warehouse, etc.).
- In version 10.1+, Item and ItemInstance will both occur in a noun at the same semantic level but yet the Noun will be focused on using only one or the other. The fact that the other element is not appropriate will only be evident by Nouns business function. Note that the non-appropriate element will be deprecated in a future version (11+) to maintain current backwards compatibility with version 10 for now. How to tell which one to use - if the Noun refers to the conceptual then Item is the recommended element. If the Noun refers to dealing with the actual thing, then the ItemInstance is the recommended element. An example would be a Purchase Order that is requesting an Item - even one with a serial number, is dealing with a conceptual item until that Order is turned into a deliverable item at which time the relative thing becomes a real thing, an ItemInstance.
- If someone is using V10 and has already elected to use an element that is now superseded, please be aware that the deprecation will not occur until a new major version of OAGIS (V11) is published.
- To assist, OAGi offers a list that calls out the appropriate element by Noun. Please refer to that for the recommended/to be deprecated elements.
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Noun	Business function	Recommendation
ActualLedger	Refers to actual/real things	ItemInstance
AllocateResource	Refers to actual/real things	ItemInstance
BatchCertificateOfAnalysis	Refers to actual/real things	ItemInstance
BOM	Refers to relative things	Item
BudgetLedger	Refers to actual/real things	ItemInstance
CarrierRoute	Not applicable	-
Catalog	Refers to relative things	Item
ChartOfAccounts	Not applicable	-



CommercialInvoice	Refers to actual/real things	Using Item - should be ItemInstance
Configuration	Refers to relative things	Item
ConfirmWIP	Refers to actual/real things	ItemInstance
CostingActivity	Refers to relative things	Item
Credit	Not applicable	-
CreditStatus	Not applicable	-
CreditTransfer	Not applicable	-
CreditTransferIST	Not applicable	-
CurrencyExchangeRate	Not applicable	-
CustomerPartyMaster	Not applicable	-
DebitTransfer	Not applicable	-
DebitTransferIST	Not applicable	-
DispatchList	Refers to actual/real things	ItemInstance
EmployeeWorkSchedule	Not applicable	-
EmployeeWorkTime	Not applicable	-
EngineeringChangeOrder	Refers to relative things	Item
EngineeringWorkDocument	Refers to actual/real things	ItemInstance
FreightInvoice	Refers to actual/real things	ItemInstance
HazardousMaterialShipmentDocument	Refers to actual/real things	ItemInstance
InspectDelivery	Refers to actual/real things	ItemInstance
InventoryBalance	Refers to actual/real	ItemInstance



	things	
InventoryConsumption	Refers to actual/real things	ItemInstance
InventoryCount	Refers to actual/real things	ItemInstance
Invoice	Refers to actual/real things	ItemInstance
InvoiceLedgerEntry	Refers to actual/real things	ItemInstance
IssueInventory	Refers to actual/real things	ItemInstance
ItemCertificateOfAnalysis	Refers to actual/real things	ItemInstance
ItemMaster	Not applicable	-
ItemNonconformance	Refers to actual/real things	ItemInstance
JournalEntry	Refers to actual/real things	ItemInstance
Location	Not applicable	-
LocationService	Not applicable	-
MaintenanceOrder	Refers to actual/real things	ItemInstance
MatchDocument	Refers to actual/real things	ItemInstance
MergeWIP	Refers to actual/real things	ItemInstance
MoveInventory	Refers to actual/real things	ItemInstance
MoveProduct	Refers to actual/real things	ItemInstance
MoveProductForecast	Refers to actual/real things	ItemInstance
MoveWIP	Refers to actual/real	ItemInstance



	things	
OnlineOrder	Refers to relative things	Item
OnlineSession	Not applicable	-
Operation	Refers to actual/real things	ItemInstance
Opportunity	Refers to relative things	Item
PartyMaster	Not applicable	-
PartyScreen	Not applicable	-
PartyScreenResponse	Not applicable	-
Payable	Refers to actual/real things	ItemInstance
PaymentStatus	Not applicable	-
PaymentStatusIST	Not applicable	-
Personnel	Not applicable	-
PickList	Refers to actual/real things	ItemInstance
PlanningSchedule	Refers to actual/real things	ItemInstance
PriceList	Refers to relative things	Item
ProductAvailability	Refers to actual/real things	ItemInstance
ProductionOrder	Refers to actual/real things	ItemInstance
ProductionPerformance	Refers to actual/real things	ItemInstance
ProductionSchedule	Not applicable	-
ProjectAccounting	Refers to relative things	Item



ProjectMaster	Not applicable	-
PurchaseOrder	Refers to relative things	Item
Quote	Refers to relative things	Item
Receivable	Refers to actual/real things	ItemInstance
ReceiveDelivery	Refers to actual/real things	ItemInstance
ReceiveItem	Refers to actual/real things	ItemInstance
RecoverWIP	Refers to actual/real things	ItemInstance
RemittanceAdvice	Not applicable	-
RequireProduct	Refers to actual/real things	ItemInstance
Requisition	Refers to relative things	Item
RFQ	Refers to relative things	Item
RiskControlLibrary	Not applicable	-
Routing	Refers to actual/real things	ItemInstance
SalesLead	Refers to relative things	Item
SalesOrder	Refers to relative things	Item
SequenceSchedule	Refers to actual/real things	ItemInstance
Shipment	Refers to actual/real things	ItemInstance
ShipmentSchedule	Refers to actual/real things	ItemInstance



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ShipmentUnit	Refers to actual/real things	ItemInstance
ShippersExportDeclaration	Refers to actual/real things	ItemInstance
ShippersLetterOfInstruction	Refers to actual/real things	ItemInstance
SplitWIP	Refers to actual/real things	ItemInstance
SupplierPartyMaster	Not applicable	-
WarehouseShippingAdvice	Refers to actual/real things	ItemInstance
WarehouseShippingOrder	Refers to actual/real things	ItemInstance
WarrantyClaim	Refers to actual/real things	ItemInstance
WIPStatus	Refers to actual/real things	ItemInstance