



doc.connect Connectors for System21 3.2

User Guide

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Publication Information

Release: doc.connect Connectors for System21 3.2

Publication date: October 17, 2022

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About this guide

Doc.connect connectors have two components, a Java component and an ILE component. The connector components work as a pair and make up a single connector at a version of document.

This guide is intended to assist in the understanding of the relationship between each of these connector pairs and the metadata that is required to make each connector operational.

Intended audience

This guide is for professional services or system administrators who install and configure the system.

Related documents

You can find the documents in the product documentation section of the Infor Support portal, as described in "Contacting Infor".

The latest version of this guide can be found here:

[doc.connect Connectors for System21 3.2 - User Guide \(Topic 68367\)](#)

Contacting Infor

If you have questions about Infor products, go to Infor Concierge at <https://concierge.infor.com/> and create a support incident.

The latest documentation is available from docs.infor.com or from the Infor Support Portal. To access documentation on the Infor Support Portal, select **Search > Browse Documentation**. We recommend that you check this portal periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Chapter 1 Receive Connectors

Receive Connectors (Core)

Receive Create Advanced Pricing Document

Identification			
This Definition	def_create_advanced_pricing_001	1.00	15/11/04
Connector	Advanced Price List Create	-	-
Connector Type	doc.connect	-	-
Document Type	EXTADVPCRT	-	-
XML BOD	create_advanced_pricing_001	1.00	15/11/04

Scope & Constraints	
---------------------	--

Scope Overview:

Create System21(S21) advanced pricing details based on details extracted from an XML document that conforms to the BOD stated above.

The connector can be configured so as to prohibit update and also that documents sent as 'create' for existing items will be updated.

This is achieved via description file entries PRMT15 = CONN, PSAR15 = VMOD and PRMT15=CONN, PSAR15 = UPDA respectively.

If any price list entries are in error, then no entries will be created

Note: All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be in the format YYYYMMDD and be valid

Header

The following alphanumeric fields will be validated to ensure that the passed values do not exceed the S21 field lengths. All other alphanumeric fields passed will be truncated if they exceed the S21 field length.

Company

Price Type

Currency

Price Function

Lines

Details must conform to the price list header definition.

If item is passed then it must be valid

If Item group is passed then it must exist on description file entry ITMG

If customer is passed then must be valid

If customer group is passed then it must exist on description file entry CUSG

Start date if not passed will default to the current date

End date if not passed will default to 9999999

Overlap of dates is tested against data within S21 and within the message.

UOM if passed is validated via call to OE480. If not passed then defaults to issuing UOM.

The connector will be evoked by the doc.connect infrastructure.

Constraints The following must exist within S21:
 The price type profile
 All description file entries required for validation
 Company profiles

The following will not be maintained:
 Contract price lists
 Discount lists

In update mode, the connector will presume that any values not sent or sent as *blanks for alphanumeric fields or 0 for numeric fields are not to be updated.

There is no delete price list functionality

Connector Objects (The following objects make up this Connector)

Java pgm	ReceiveAdvancedPricingCreate001
RPGILE	OED106_001 – create advanced pricing connector
PRTF	OED106PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_advanced_pricing_001.doc	1.00	15/11/04
XML BOD Model	System21 XML Model		
XML BOD dtd	create_advanced_pricing_001.dtd	1.00	15/11/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes) VMOD 1:validate mode UPDA 1:update allowed

PIP02 – Receive
controller configuration

Record required where: TTYP02 = EXTADVPCRT
HPRG02 = OED106_001

Receive Asn Document

Identification			
This Definition	Receive_asn	1.00	03/11/05
Connector	Receive asn	-	-
Connector Type	doc.connect	-	-
Document Type	EXTASNCRT	-	-
XML BOD	receive_ASN_001		

Scope & Constraints

Scope Overview:

Create System21(S21) advance shipment notification details based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no entries will be created.

Note: All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be in the format YYYYMMDD and be valid

Time if passed must be in format hhmmss

The connector will be evoked by the doc.connect infrastructure.

Header

The passed ASN cannot exist

Supplier must be valid

Details

All purchase orders must be for the same supplier
 All purchase orders must be for receipt into the same receiving address
 All items must be valid and must exist on PO
 If the Item code is set to UNKNOWN the vendor item code is used to retrieve the item code from the item/supplier profile.

Constraints Update of ASN's is not supported

Connector Objects (The following objects make up this Connector)

Java class	ReceiveASNCreate001
RPGILE	AGD100_001

Related Documents (Additional detail is available in the following documents)

XML BOD Model	System21 XML Model
XML BOD dtd	receive_asn_001.DTD
Configuration	doc.connect Installation

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTASNCRT HPRG02 = AGD100_001

Receive Cancel Asn Document

Identification

This Definition	Receive_cancel_asn	1.00	03/11/05
Connector	Receive cancel asn	-	-

Receive Connectors

Connector Type	doc.connect	-	-
Document Type	EXTASNCNL	-	-
XML BOD	cancel_asn_001		

Scope & Constraints

Scope Overview:

Cancel System21(S21) advance shipment notification details based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no updates will be performed.

Note: All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be in the format YYYYMMDD and be valid

The connector will be evoked by the doc.connect infrastructure.

Validation

The bod asn_header attribute must be 'WHOLE'.

The supplied purchasing company code must exist.

The passed ASN must exist

Supplier code must be valid

ASN must be for the supplier supplied.

ASN must be in a valid state for receipt.

Updates

The ASN is cancelled by calling the update for the whole asn based on program AG214. This calls AG195, AG170, AG160 and AG150 to remove records on files AGP60, AGP30, AGP20 and AGP10 respectively.

Constraints	No ASN details are validated Cancel of ASN lines is not supported
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Work Management (Optional activity triggered on successful completion)

Object Type	As configured on PIP02. IOBJ02
Activity Code	As configured on PIP02. ACOD02
Object Reference	ASN No. cancelled

Connector Objects (The following objects make up this Connector)

Java class	ReceiveCancelASN001
RPGILE	AGD214_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	cancel_asn_001.doc
XML BOD Model	System21 XML Model
XML BOD dtd	cancel_asn_001.DTD
Configuration	doc.connect Installation

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTASNCNL HPRG02 = AGD214_001

Receive Cancel Despatch Document

Identification

This Definition	def_cancel_despatch	1.00	07/08/03
Connector	Cancel Despatch	-	-
Connector Type	Java + RPGLE	-	-

Document Type	EXTCNLDESP	-	-
XML BOD	cancel_despatch_002	1.00	12/09/02

Scope & Constraints

Scope

Overview

Connector will receive details of System21(S21) the cancel of despatch from an external system and if all details are valid update S21 and create an associated invoice.

All passed details must be valid before any S21 details are updated.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

Pick note Header

Company must be valid

Customer must be valid

Pick note must be for order type = '1' and must exist

Stockroom must exist

Order number must exist within S21 and be active (not cancelled or complete)

Pick note must not be confirmed

Pick note must not already be cancelled

If passed the customer and stockroom must match that on the pick note

Default Values

If not passed the following values are defaulted

Stockroom = LOCD56

S21 Update

If an invoice number has been allocated a “DEAD” invoice is created with all values set to 0

The pick note header and lines are set to a status of cancelled.

Any location control allocations are set to cancelled

Any allocations at batch level are set back to allocations to the order number/line

The order line despatched quantities are returned to allocated

If they exist manual pick list records are deleted.

If transport planning is attached, the order details are sent to a data queue via a call to TP993.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	CancelDespatch002
RPGILE	DOC905
PRTF	DOC905PT DOC905P1

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	cancel_despatch_002	1.1	12/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	cancel_despatch_002.dtd	001	12/09/02

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive controller configuration	Record required where: TTYP02 = EXTCNLDESP HPRG02 = DOC905

Receive Cancel Service Job Document

Identification

This Definition	def_cancel_service_job_003	1.00	17/10/22
Connector	cancel_service_job	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTJOB CNL	-	-
XML BOD	Cancel_service_job_003		

Scope & Constraints

Scope	<p>Note:</p> <p>This connector utilises a module from the Cancel order connector to cancel linked Sales orders. Refer to the separate documentation for the Cancel order connector for details.</p> <p>Validation:</p> <p>Company and Branch are valid. If job number is specified, job exists within EQ. If job number is not specified, attempts to identify a unique EQ job using customer account and reference. If supplied (see Constraints below) the cancellation reason code is valid (EQ</p>
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parameter type 'CREA').

EQ job must not already be cancelled or complete.

EQ job must not be in credit hold (status 07).

EQ job must not be a quotation.

There must be no assisting engineers actively working on the job (i.e. assisting engineer lines with status > 22).

There must be no bookings to the job – including expenses, timesheet lines, direct transactions.

There must be no Purchase orders linked to the job.

If there are Sales orders linked to the job, these must be in a state where it is possible to cancel them.

Processing:

Any Sales orders linked to the job will first be cancelled.

Providing this is successful, the job will be cancelled as follows:

It will be removed from any engineer's work queue if necessary.

The main job line will be cancelled by updating its status to '98' and cancellation reason to that provided, or a default if not supplied.

Sub-job and task lines will be updated by the standard EQ status update program.

Any assisting engineers will be removed from the job.

The job header will be updated to cancelled (status '98').

The connector will be invoked by the doc.connect infrastructure.

Constraints The current BOD does not allow cancellation reason code to be supplied.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveServiceJobCancel
RPGILE	EQD010_003 – Parse message and perform simple validation (field lengths, date format etc
RPGILE	EQD010MD1 – Validate against EQ, retrieve additional details, cancel job, order etc
RPGILE	OED010MD1 – Validate against OE, cancel order
RPGILE	EQD010MD9 – Print audit report

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	cancel_service_job_003.doc
XML BOD Model	System21 XML Model
XML BOD dtd	cancel_service_job_003.dtd
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>The following entries are supported under description type DPJX:</p> <p>Parameter type: RCOD</p> <p>Parameter description: 2-character cancellation reason code. Must exist on the EQ parameter file, type 'CREA'</p>
PIP02 – Receive handler configuration	<p>Record required where: TTYP02 = EXTJOB CNL</p> <p>HPRG02 = EQD010_003</p>

Receive Change Item Stockroom Document

Identification

This Definition	def_receive_change_item_stockroom	1.00	05/02/07
Connector	Receive Change Item Stockroom	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTITMSCHG	-	-
XML BOD	change_item_stockroom	001	05/02/07

Scope & Constraints

Scope

Overview

Change System21(S21) item and stockroom details based on details extracted from an XML document that conforms to the BOD stated above.

Multiple stockrooms may be passed

If any entries are in error, then no entries will be created.

Dates must be in YYYYMMDD format

Unless specified all numeric values must be greater or equal to 0

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Item

See ConnectorDefinitionReceiveItem002

Stockrooms

Stockroom if passed must exist

if item is a kit parent then components must be in same stockroom

Any UOM passed must be as per item UOM

Any suppliers passed must exist on PLP05

ABC classification must exist on INP52

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceiveItemStockroomChange001
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Receive Connectors

RPGILE	IND003_001
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PRTF	IND003PT
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Related Documents (Additional detail is available in the following documents)

XML BOD Specification	change_item_stockroom_001.doc
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XML BOD Model	System21 XML Model
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XML BOD dtd	change_item_stockroom_001.dtd
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Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

There are a number of System codes that are required to complete.

General connector parameters are under description type CONN
PRTAUDRPT 1:Print Audit Report(1=Yes)

The following will be defaulted from description file entries where
PRMT15 = DPIM

PSAR15 = field name

CBDT87 Calculate batch dates to

CSHL35 Customer shelf life

DBTT87 Display batch times

GRRQ87 Grade required

SUNT35 Stock unit

PORQ87 Potency required

SHLF35 Shelf life

SHLU35 Shelf life unit

SCHC04 Schedule or lot control flag

BLKI04 Material Policy/Bulk issue flag

PLAN35 Default purchasing planner (only used if planner mandatory)

The connector can be configured so as to prohibit update and also that documents sent as 'create' for existing items will be updated.

This is achieved via description file entries

PRMT15 = CONN

PSAR15 = VMOD

PRMD15 = 1: Prohibit update (0 = Allow)

PRMT15=CONN

PSAR15 = UPDA

PRMD15 = 1:Update existing (0 = Inhibit)

The following must be set for the connector:

PRMT15 = 'DPSB'

PSAR15 = 'STRC60'

PRMD15 = nn: Default stockroom for item
(where nn is the default stockroom code)

PIP02 – Receive handler Record required where: TTYP02 = EXTITMSCHG
 configuration HPRG02 = IND003_001

Receive Change Service Job Category Document

Identification			
This Definition	Change_service_job_category	1.00	17/10/22
Connector	Receive Change service job category	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTCHGJBCT	-	-
XML BOD	change_service_job_category_001		

Scope & Constraints	
Scope	<p>A job number must be provided.</p> <p>The job must be defined against EQP55.</p> <p>The job must not be completed i.e. job status >= 50.</p> <p>The new job category cannot match the current job category.</p> <p>The category of a cost job (JCLS55 = '09') cannot be changed.</p> <p>The new job category must be a valid category defined against EQJ15.</p> <p>The new category type must be in the same range as the current category type i.e.</p> <p>if JCLS15 of the current category <= 03, JCLS15 of the new category must also be <= 03</p> <p>if JCLS15 of the current category <= 08, JCLS15 of the new category must also be <= 08</p> <p>if JCLS15 of the current category > 08, JCLS15 of the new category must also be > 08</p> <p>The job category cannot be amended if either pending invoices or actual invoices exist for the job.</p> <p>A warning message that the job will not be repriced is issued if the job is an accepted quote.</p> <p>If a job has multiple categories only lines that match the original job category will be amended to the new job category. A warning message is issued to this effect.</p>

Constraints Support is not provided for:
 The connector uses a standard EQ service program to perform the required updates.
 Therefore any constraints of the service program are inherited by the connector.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveChangeServiceJobCategory001
RPGILE	EQD020_001 – Message handling
RPGILE	EQD020MD1 – Validation
RPGILE	EQ_CHGCATS – Updates
RPGILE	EQD020MD3 – Audit reports
PRTF	EQD0020PT – Audit report
RPGILE	EQDUTILS – Common EQ routines

Related Documents (Additional detail is available in the following documents)

Connector Specification	
Business Process Guide	doc.connect Outbound Process Guide
XML BOD Specification	Change_service_job_category_001
XML BOD Model	System21 XML Model
XML BOD dtd	Change_service_job_category_001
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTCHGJBCT HPRG02 = EQD020_001

Receive Complete Service Job Document

Identification

This Definition	Complete_service_job	1.00	17/10/22
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Receive Connectors

Connector	Process Complete Service Job	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTJOBBCMP	-	-
XML BOD	complete_service_job_003		

Scope & Constraints

Scope

Overview:

Validation

Header

The job number must be defined against EQJ55.

Quotations may only be completed at full job level.

For quotations at least one line must be accepted as a job and all lines must be complete.

If not a quote all lines must be complete for proforma/ invoice customers.

Warranty jobs may not be completed.

If the job is closed after first invoice all job lines must be complete.

At least one failure code must be supplied if required by the job category.

At least one part fault per part must be supplied if required by the job category.

Meter readings must be present if required by the job category.

No outstanding sales orders can exist for the job.

No outstanding purchase orders can exist for the job.

No outstanding standing costs can exist against the job.

If no transaction lines are passed at least one valid transaction must be defined against the job. (See below)

The job must not currently be locked in System/21 Aurora

Lines

If the sub-job and task number are set at header level the sub-job and task number of the line must match.

The transaction detail must exist against EQJ47 with INVF47 set to '1'.

For parts lines where parts are billed at job close all job lines must be closed.

Processing

If individual lines are passed they are completed. If no lines are passed all lines for the job are completed.

INVF47 is set to '2', the standard invoice pending records module EQGenPen is invoked.

If required a failure code record is written for each job line completed.

If the force complete attribute is set to 'YES' and all transaction lines on the service job are complete service job lines are also completed. If a job line is currently in an engineer work queue a warning message is issued, job status is completed (the exact status is dependent on the job class and customer type), the standard transaction model submission routine (EQ241) is invoked and the job is removed from the engineers work queue.

All transaction lines for a job are released unless:

They have been previously released.

The balance sheet cost account code is blank

The transaction source represents a standing cost (or reversal)

The posting period is after the current GL Period.

When released RLSF47 is set to 'P' (processed), RLSV47 is recalculated as DTCS47 – RLDV47

Staged payments for the job are also released unless:
 They have been previously released.
 The balance sheet income account code is blank
 The posting period is after the current GL Period.

When released RLSF37 is set to 'P' (processed), RLSV37 is recalculated as INVL37 – RLDV37

The connector will be evoked by the doc.connect infrastructure.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceiveCompleteServiceJob003
RPGILE	EQD005_003 – Message handling
RPGILE	EQD005MD1 – Validation
RPGILE	EQD005MD2 – Updates
PRTF	EQD0005PT – Audit report
RPGILE	EQDUTILS – Common OE routines

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Complete_service_job_003
XML BOD Model	System21 XML Model
XML BOD dtd	Complete_service_job_003
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTJOBBCMP HPRG02 = EQD005_003

Receive Confirm Despatch Document

Identification

This Definition	def_build_confirm_despatch_process	1.00	24/11/03
Connector	Build Confirm Despatch Document	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTCNFDESP	-	-
XML BOD	confirm_despatch	002	12/09/02

Scope & Constraints

Scope Overview

Connector will receive details of System21(S21) confirmation of despatch for the whole order from an external system and if all details are valid update S21 and create an associated invoice.

Updates to S21 are via calls to DY100 (document handling despatch details entry) and WH499 (confirmation of despatch updates)

All passed details must be valid before any S21 details are updated.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

Despatch Header

Company must be valid

Order number must exist within S21 and must be open and active.

Despatch Line Details

Line must exist

If order line type is passed then must match that within S21

If parent line is passed then must match that within S21
 Item number must be valid and match that within S21
 If item is a kit component it must match kit parent
 If UOM passed then must be issue unit of measure
 Quantity to despatch must be greater than 0
 If the despatch is for an over despatch then must be within tolerance for item
 If the despatch will cause the stock to go negative, this must be allowed within the company profile

Batch/Lot/Serial control:

Quantity received must be greater or equal to 0
 If serial control item quantity must = 1 or 0
 Total of lot/serial quantities must equal quantity for item

S21 Update

The updates are executed via calls to DY100 and WH499.

The connector will be evoked by the doc.connect infrastructure.

Constraints Back order processing is not supported

Connector Objects (The following objects make up this Connector)

Java class	ReceiveConfirmDespatch002
RPGILE	OED0100_002
PRTF	OED100PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Confirm_despatch_002	1.1	12/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	confirm_despatch_002.dtd	001	12/09/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)</p> <p>Description Type CONN Description Code NONSTOCK Description 1: 1=do not send/receive non-stock</p> <p>The 1st character of this parameter description inhibits the export and import of non-stock items. This parameter also affects the publish Pick Note connector.</p> <p>Description Type CONN Description Code IGNORELOTS Description 1: Ignore unwanted lot details</p> <p>The 1st character of this parameter description allows for ignoring of lot details if received for items that are not lot controlled.</p>
PIP02 – Receive controller configuration	<p>Record required where: TTYP02 = EXTCNFDESP HPRG02 = OED0100_002</p>

Receive Confirm Despatch (Whole Order) Document

Identification

This Definition	def_build_confirm_despatch_process	1.00	24/11/03
Connector	Build Confirm Despatch Document	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTCNFDSPH	-	-
XML BOD	confirm_despatch	001	12/09/02

Scope & Constraints

Scope

Overview

Connector will receive details of System21(S21) confirmation of despatch for the whole order from an external system and if all details are valid update S21 and create an associated invoice.

Updates to S21 are via calls to DY100 (document handling despatch details entry) and OE126Y (standard batch confirmation of despatch)

All passed details must be valid before any S21 details are updated.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

Despatch Header

Company must be valid

Order number must exist within S21 and must be open and active.

Despatch Line Details

Line must exist

If order line type is passed then must match that within S21

If parent line is passed then must match that within S21

Item number must be valid and match that within S21

If item is a kit component it must match kit parent
 If UOM passed then must be issue unit of measure
 Quantity to despatch must be greater than 0
 If the despatch is for an over despatch then must be within tolerance for item
 If the despatch will cause the stock to go negative, this must be allowed within the company profile

Batch/Lot/Serial control:

Quantity received must be greater or equal to 0
 If serial control item quantity must = 1 or 0
 Total of lot/serial quantities must equal quantity for item

S21 Update

The updates are executed via calls to DY100 and OE126Y.

The connector will be evoked by the doc.connect infrastructure.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceiveConfirmDespatch002
RPGILE	OED090_002
PRTF	OED100PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Confirm_despatch_001	1.1	12/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	confirm_despatch_001.dtd	001	12/09/02

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)

PIP02 – Receive
controller configuration

Record required where: TTYP02 = EXTCNFDSPH
HPRG02 = OED0090_002

Receive Confirm Purchase Order Document

Identification

This Definition	def_receive_confirm_purchase_order_004.doc		
Connector	Confirm Purchase Order	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTPOCNF	-	-
XML BOD	confirm_purchase_order_004		

Scope & Constraints

Scope Change expected date, promise date and confirm flag using details extracted from an XML document that conforms to the BOD stated above.

Dates must be in format YYYYMMDD

Times must be in format HHMMSS

Validation:

1. The connector validates the dates passed in are in a valid format before carrying out updates.
2. Order lines must be passed in the message if order type is a schedule or blanket order.
3. The company code passed in the message must be a valid PO company.
4. Order must have outstanding receipts.
5. Supplier on order must match supplier passed in message.
6. Order must not be cancelled.
7. Order maintenance must not be active.
8. Order must have outstanding lines.
9. Order line must be sent in message and must exist on order.
10. Blanket/schedule sequence must be sent in message.
11. Blanket/schedule sequence must be zero if non-schedule order type and must not be zero if schedule or blanket order.

The following files will be updated:

Order header PMP02

Only the supplier reference is updated on the order header file.

Order transactions PMP09

Only the promise date, receipt date, shipment date and confirm flag are updated on the transactions file.

The connector will be evoked by the doc.connect infrastructure.

Constraints If the dates are passed at header level all lines are updated only if not a schedule or blanket order.

If the dates are passed at line level the individual transaction lines are also updated.

Work Management (Optional activity triggered on successful completion)

Object Type	As configured on PIP02. IOBJ02
Activity Code	As configured on PIP02. ACOD02
Object Reference	PO Number Confirmed

Connector Objects (The following objects make up this Connector)

Java pgm	ReceiveConfirmPurchaseOrder004
RPGILE	PMD110_004

Related Documents (Additional detail is available in the following documents)

Connector Specification	def_receive_confirm_purchase_order_004.doc
XML BOD Specification	confirm_purchase_order_004.doc
XML BOD Model	System21 XML Model
XML BOD dtd	confirm_purchase_order_004.DTD

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)</p> <p>The following will be defaulted from description file entries if not passed in the document (optional) PRMT15 = 'DPPC' PSAR15 = 'CFLG09' PRMD15 = D: Confirm flag for doc.connect</p>

PIP02 – Receive handler configuration Record required where: TTYP02 = EXTPOCNF
 HPRG02 = PMD110_004

Receive Create Production Order Document

Identification

This Definition	def_create_production_order_001	1.00	17/10/22
Connector	create_production_order	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTPRORDBK	-	-
XML BOD	create_production_order_001		

Scope & Constraints

Scope

Validation:

Company must be defined in Inventory.

Inventory Calendar must be set up for the company

Company must be defined to Manufacturing.

Production activity control file (PCP30) must contain for Company/ 'RECRTE'.
(Inventory movement indicator (INVI30) is stored for later use)

Item must be defined to Inventory.

Item must be defined to Manufacturing.

Item cannot be a phantom (PITP04 = 'X')

Item cannot be a process group (GRPT04 > '0')

If item is revision controlled (FLG904 = '3') the item revision level (LUSR04) is stored.

Manufacturing route must be defined for the item.

The manufacturing route may not contain key input items (KIIE20 <> '0' AND KIIE20 <> *blanks)

If revision control is on the route revision level must match the item revision level.

If a stockroom code is not passed the receiving store from the route (RSTR20) is used.

The stockroom must be defined to Inventory.

Receipts and adjustments must be allowed against the stockroom.

Item stockroom record must be defined.

The stockroom must not be to warehousing.

The stockroom must not be location controlled.

The quantity completed must be non-zero.

This connector cannot process batch items.

If the completion quantity is negative there must be sufficient available stock (savl60

– quantity completed > 0).

If a transaction date is not passed today's date is assumed.

If the date is passed it must be a valid date on or before the current date.

Processing:

Cost presentation details are returned via DB517.

A default transaction reference is built up using the current date including the '/' separator.

The last workstation used in the manufacturing route is retrieved, using the last operation for the item/ route from the route details file (MSP24). The department for the workstation is returned from workstation file (PDP29). The next transaction is returned for the organisational model (PDP92).

The back flush receipts policy (BREC) is retrieved from the parameters file. If not found or = '1' (back flush) manual issue items are excluded.

Components are issued for the item being received into stock via PC021.

The cost of the item receipt is calculated via DB510. If Inventory movements are to be created the material costs are subtracted from the standard cost. This is then multiplied by the completion quantity to get the total cost.

The item is received into stock. An Inventory movement is generated via a call to IN070. Where the completion quantity is > 0 a production receipt is performed (processing profile 200). Where the completion quantity is < 0 a production issue adjustment is performed (processing profile 220).

Activity transaction records are created in PCP01.

A message is sent to the transaction manager data queue (MJDFAQ).

DR070 is called to create DRP triggers for trigger type '07' (Unplanned issue/ receipt).

If the item is not an MPS item DB550 is called to create MRP triggers for trigger type '07'.

The connector will be invoked by the doc.connect infrastructure.

Constraints The current BOD does not allow cancellation reason code to be supplied.

Connector Objects (The following objects make up this Connector)

Java class	BookProductionOrder001
RPGILE	PCD020_001 – Parse message and perform simple validation (field lengths, date format etc)

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	book_production_order_001.doc
XML BOD Model	System21 XML Model
XML BOD dtd	book_production_order_001.dtd
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
PCP30 Activity control file	The following activity type is required 'RECRTE'. (This is a standard System/21 activity)
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTPRORDBK HPRG02 = PCD020_001

Receive Create Service Job Document

Identification

This Definition	def_create_service_job_003	1.00	17/10/22
Connector	create_service_job	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTJOBCRT	-	-

Suitable sub-job / tasks are those which have no pre-defined parts attached (from the template), and do not have estimated labour hours.

Parts orders will be created automatically if specified by the job category profile.

If supplied, the deliver-to override address will be attached to both the job and the generated order.

The connector will be invoked by the doc.connect infrastructure.

Constraints

Support is not provided for:

Multi-line jobs i.e. one job number, multiple pieces of equipment.

Amendment of existing jobs.

If a job requires both standard parts (set up in the job template) and ad-hoc parts (supplied to the connector with the job), these must be attached to separate sub-jobs or tasks, and must be processed as separate orders.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveServiceJobCreate003
RPGILE	EQD001_003 – Parse message and perform simple validation (field lengths, date format etc
RPGILE	EQD001MD1 – Validate against EQ, retrieve additional details, create job, order etc
RPGILE	EQD001MD9 – Print audit report

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_service_job_003.doc
XML BOD Model	System21 XML Model
XML BOD dtd	create_service_job_003.dtd
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions	<p>The following entries are supported under description type DPJC:</p> <p>Parameter type: PARTSKEY</p> <p>Parameter description: Format is XXX/NNN or XXX</p> <p>Where XXX is a sub-job code, and NNN an optional task code.</p>
PIP02 – Receive controller configuration	<p>Record required where: TTYP02 = EXTJOBCRT</p> <p>HPRG02 = EQD001_003</p>

Receive Create Supplier Document

Identification			
This Definition	def_create_supplier	-	-
Connector	ReceiveSupplierCreate002	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTCRTSUP	-	-
XML BOD	create_supplier_002	001	-

Scope & Constraints	
Scope	<p>Overview</p> <p>This connector creates basic details for a supplier or a despatch address.</p> <p>Validation</p> <p>Supplier code must be passed and not exist.</p> <p>Supplier name must be passed.</p> <p>The supplier seq code in the header must always be for the main account.</p> <p>If a despatch address is passed the main account must exist</p> <p>If company code is not passed, the transaction company or l#cono is used.</p> <p>The company must exist on the PL company file</p> <p>If alpha search is not passed, customer name is used</p> <p>If supplier seq is not passed, defaults to '000'</p>

The trading country is defaulted from the world trade company profile if not passed. If passed, it must exist on WTP40.

Following fields are defaulted from company profile

country code
 currency
 payment terms
 payment method
 gl company code
 gl control account & extension

Updates

The only files populated are:

PLP05 - Supplier
 PLP05A - audit
 PLP30 – Text (main account only)
 T1P1A contact
 T1P2A contact text
 WTP10 – World Trade details

Constraints Only one account per BOD. Either a main account or a delivery account. Multiple delivery records are not supported.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveSupplierCreate002
RPGILE	PLD015_002
PRTF	PLD015PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	
XML BOD Model	System21 XML Model
XML BOD dtd	create_supplier_002.dtd
Configuration	doc.connect Installation

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive controller configuration	Record required where: TTYP02 = EXTCRTSUP HPRG02 = PLD015_002

Receive Create Timesheet Booking Document

Identification

This Definition	Create_timesheet_booking	1.00	17/10/22
Connector	Receive Create timesheet booking	-	-
Connector Type	doc.connect	-	-
Document Type	EXTTSCBRT	-	-
XML BOD	create_timesheet_booking_001		

Scope & Constraints

Scope Overview:

Validation

Header

If a timesheet period is not passed it is calculated based on the first timesheet date in the document. The same timesheet period must be used for all postings within the session.

If a timesheet period is provided it must be either the current or previous payroll period and the associated accounting period must be active within GL.

Lines

The engineer number must exist on EQP24.

The timesheet date must be between the start of the previous payroll period and the end of the current payroll period. The date must be after the timesheet cut off date. If the timesheet period has not been set it is set.

The job number must be supplied. Booking may not be made against the prime job. The job number must be defined against EQP55.

The job must not be a warranty job.

If the job is part of a quote preparation the job must allow costs to be posted.

The job must not be closed.

The job must be a labour line i.e. there are no parts or sub-contract details associated with the line.

The timesheet hours must be non-zero. Total bookings against an engineer, including existing bookings, for a date cannot exceed 24 hours.

The engineer/ date/ job number and uplift code must be unique within the timesheet system.

If supplied the allowance code must be defined against the parameters file (type = 'AWCD')

If supplied the completion code must be defined against the parameters file (type = 'COMP')

The job category (at line or expense level)) may only be overwritten if supported by the company. If supplied the category must be defined against EQJ15 and the reporting attributes (HRRRA15, EXEA15 and MLTA15) must match the original job category.

Actual mileage may only be provided if the job category supports mileage reporting.

For travel hours an uplift code of 'TVL' must be supplied. If the job category does not

support mileage, travel hours may not be posted.

If the job category does not support labour posting, labour hours (i.e. non-travel) may not be posted

If an uplift code is not supplied normal hours are assumed.

If an uplift code, other than 'TVL' is supplied, the code must be a valid uplift code representing one of the 5 timesheet columns.

The following values must not vary within an engineer, date and job number:
Allowance code, completion code, actual travel hours, job category, invoice labour %, fault code, machine section, machine subsection, corrective action, customer order number and total mileage.

The labour charge percentage must be between 0 and 100.

The administration details are validated as follows if passed:

If not provided the fault code and machine section are defaulted from the job line.

If the fault code is mandatory for the job category it must not be blank.

If the fault code or machine section are provided they must be defined within the model/ reporting hierarchy.

If provided the machine subsection and corrective action must be defined within the model/ reporting hierarchy.

If a customer order number is provided, the job is chargeable and a customer order mask exists the format of the customer order must match the customer mask(s).

If the completion code is set to '2' i.e. job completion, this is not a third party engineer and the failure codes, parts reporting or meter readings are mandatory against the job category and there are no outstanding labour lines for the job the connector validates that failure codes, parts reporting and meter readings have been created for the job.

Expenses

Expenses are only allowed if supported by the job category.
Expenses may only be posted against normal hours.
The charge code must be defined against EQJ14.
Either the net amount of mileage must be provided.
If mileage is provided it must be supported by the job category.
If mileage is provided it must be supported by the customer.

For a single currency company the currency, if provided must match the currency of the company.

For a multicurrency company the currency, if provided, must be a currency defined within GL.

If a vat code is provided it must be a valid Vat code defined within GL.

Expense job category overrides are validated in the same way as the line job category overrides.

The expense chargeable flag if provided must be '0' or '1'.

Processing

A new session control record is created (eqj36) for the session.

A timesheet header record EQJ28 is written for each engineer within the session containing totals for the engineer within the session.

If the engineer has completed work on the job and the job status is '24' , '26' or '28' the job is removed from the engineers work queue.

The job line is updated with the call administration fields, if provided. If the engineer has not completed work on the job field SPA355 is set to the completion status. Otherwise SPA355 is cleared.

If the job is incomplete due to sufficient knowledge the original engineer is set to the current engineer and the current engineer cleared.

If the technician has completed current work for the job the job status is reset to open for further work

If the job is now complete the job line is flagged as completed.

If the job line status is updated the standard transaction model submission routine (EQ241) is invoked.

If the job is complete the job line financial details are updated setting ESHT53 = 0.

If call administration details are provided they are written to EQPEI.

Timesheet details are written to EQJ29

If present line text is written to EQP11

If any expenses are present a new session is created for the expenses against EQJ36

An expense header record (EQJ31) is written for each set of expenses defined against a job line

An expense detail record is written to EQJ32.

If present expense text is written to EQP11

The session is closed.

The connector will be evoked by the doc.connect infrastructure.

Constraints Support is not provided for:
 Support for time allocation codes is not provided. The connector assumes the hours have been allocated in the source system.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveCreateTimesheetBooking001
RPGILE	EQD015_001 – Message handling
RPGILE	EQD015MD1 – Validation
RPGILE	EQD015MD2 – Updates
PRTF	EQD0015PT – Audit report
RPGILE	EQDUTILS – Common EQ routines

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Create_timesheet_booking_003
XML BOD Model	System21 XML Model
XML BOD dtd	Create_timesheet_booking_001
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTTSBCRT HPRG02 = EQD015_001

Receive Create Item 002 Document

Identification

This Definition	def_create_item	1.00	07/09/02
Connector	Create Item	-	-
Connector Type	Doc.connect	-	-
Document Type	EXTITMCRT	-	-
XML BOD	create_item_002	1.00	07/09/02

Scope & Constraints

Scope	<p>Create S21 Item details based on details extracted from an XML document that conforms to the BOD stated above.</p> <p>The following details will be created:</p> <p>Item Master INP35</p> <p>Item Generic extension INP35F</p> <p>Item Text INP40</p> <p>Item/Stockroom profile INP60</p> <p>Scan details INP06</p>
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If world trade details is active:

World trade item master WTP25

If manufacturing details are passed (value for manufacturing type(PITP04)):

Manufacturing item master MSP04

All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be in the format YYYYMMDD and be valid

The following alphanumeric fields will be validated to ensure that the passed values do not exceed the S21 field lengths. All other alphanumeric fields passed will be truncated if they exceed the S21 field length.

Company

Part Number

Product Group Major

Product Group Minor

Part Class

Part Type

Bar code

Default Search Family code

The following will be defaulted from the GSP01 record with PSTR01 = 'Y':

Primary stockroom

Manufacturing planner

Material Type

Bulk Issue Flag

The connector will be evoked by the doc.connect infrastructure.

Constraints

The following must exist within S21:

All description file entries required for validation

Company profiles

Stockrooms required for any item/stockroom combination

The following will not be maintained:

Multi-lingual item descriptions maintenance

Kit parts

Purchasing scan arguments

World Trade Extension

World Trade Belgian extension
 Manufacturing alternate parts
 Manufacturing costs
 Manufacturing shrinkage
 Manufacturing co-products or by-products
 Manufacturing item/route override

The following are maintainable through S21 Item maintenance and are not supported within this connector:

Supersession
 Transaction control
 Alias
 Pricing groups
 Purchase text
 Manufacturing text

In update mode, the connector will presume that any values not sent or sent as *blanks for alphanumeric fields or 0 for numeric fields are not to be updated.

Connector Objects (The following objects make up this Connector)

Java pgm	ReceiveItemCreate002
RPGILE	IND002_002 – create item connector
RPGILE	IND002MD1 – validate/create/amend INP35 + INP87 + WTP25 + INP06 + INP07 details
RPGILE	IND002MD2 – validate/create/amend MSP04 details
RPGILE	IND003MD1 - validate/create/amend/amend INP60

Related Documents (Additional detail is available in the following documents)

Connector Specification	spec_create_item_002.doc		
XML BOD Specification	create_item_002.doc	1.00	04/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create_item_002.dtd	1.00	04/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

The following must be set for the connector:

PRMT15 = 'DPSB'

PSAR15 = 'STRC60'

PRMD15 = nn: Default stockroom for item
(where nn is the default stockroom code)

Multiple stockroom details will be created if the description file parameter

PRMT15 = CONN

PSAR15 = STRCFIL

PRMD15 = 1: Create multiple stockroom details
and valid details exist on file GSP01

The following will be defaulted from description file entries where

PRMT15 = DPIM

PSAR15 = field name

CBDT87 Calculate batch dates to

CSHL35 Customer shelf life

DBTT87 Display batch times

GRRQ87 Grade required

SUNT35 Stock unit

PORQ87 Potency required

SHLF35 Shelf life

SHLU35 Shelf life unit

SCHC04 Schedule or lot control flag

BLKI04 Material Policy/Bulk issue flag

PLAN35 Default purchasing planner (only used if planner mandatory)

The connector can be configured so as to prohibit update and also that documents sent as 'create' for existing items will be updated.

This is achieved via description file entries

PRMT15 = CONN

PSAR15 = VMOD

PRMD15 = 1: Prohibit update (0 = Allow)

PRMT15=CONN

PSAR15 = UPDA

PRMD15 = 1:Update existing (0 = Inhibit)

PIP02 – Receive handler Record required where: TTYP02 = EXTITMCRT
 configuration HPRG02 = IND002_002

Receive Item Stockroom Create 003 Document

Identification			
This Definition	def_receive_item_create	1.00	05/02/07
Connector	Build Receive Item Create	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTITMSCRT	-	-
XML BOD	create_item_003	003	05/02/07

Scope & Constraints

Scope Overview

Create System21(S21) item and stockroom details based on details extracted from an XML document that conforms to the BOD stated above.

Multiple stockrooms may be passed

If any entries are in error, then no entries will be created.

Dates must be in YYYYMMDD format

Unless specified all numeric values must be greater or equal to 0

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Item

See ConnectorDefinitionReceiveItem002

Stockrooms

Stockroom if passed must exist

if item is a kit parent then components must be in same stockroom

Any UOM passed must be as per item UOM

Any suppliers passed must exist on PLP05

ABC classification must exist on INP52

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceiveItemCreate003
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RPGILE	IND002_003
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PRTF	IND002PT
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Related Documents (Additional detail is available in the following documents)

XML BOD Specification	receive_item_create_003.doc	4.00	6/09/04
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XML BOD Model	System21 XML Model
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XML BOD dtd	create_item_003.dtd	4.00	6/09/04
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Configuration	doc.connect Installation
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Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions General connector parameters are under description type CONN
 PRTAUDRPT 1:Print Audit Report(1=Yes)

In addition to this the following specific entries are supported for the connector under description type DPSB.

STRC60 Default stockroom for item

PIP02 – Receive handler configuration Record required where: TTYP02 = EXTITMSCRT
 HPRG02 = IND002_003

Receive Item Stockroom Create 005 Document

Identification			
Connector	Receive Item Create	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTITM5CRT	-	-
XML BOD	create_item_005	005	20/11/10

Scope & Constraints

Scope Overview

Create System21(S21) item and stockroom details based on details extracted from an XML document that conforms to the BOD stated above.

The following details will be created:

- Item Master INP35
- Item Generic extension INP35F
- Item Text INP40
- Item/Stockroom profile INP60
- Scan details INP06

If world trade details is active:

- World trade item master WTP25

If manufacturing details are passed (value for manufacturing type(PITP04)):

Manufacturing item master MSP04

If Item Alias details are passed:

Item alias details INP38

Multiple stockrooms may be passed

If any entries are in error, then no entries will be created.

The connector will be evoked by the doc.connect infrastructure.

Validation

Item

All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be in the format YYYYMMDD and be valid

The following alphanumeric fields will be validated to ensure that the passed values do not exceed the S21 field lengths. All other alphanumeric fields passed will be truncated if they exceed the S21 field length.

Company

Part Number

Product Group Major

Product Group Minor

Part Class

Part Type

Bar code

Default Search Family code

Stockrooms

Stockroom if passed must exist

If item is a kit parent then components must be in same stockroom

Any UOM passed must be as per item UOM

Any suppliers passed must exist on PLP05

ABC classification must exist on INP52

The following will be defaulted from the GSP01 record with PSTR01 = 'Y':

Primary stockroom

Manufacturing planner

Material Type

Bulk Issue Flag

Item Alias

Alias must be unique to the company

Constraints The following must exist within S21:

- All description file entries required for validation
- Company profiles
- Stockrooms required for any item/stockroom combination

The following will not be maintained:

- Multi-lingual item descriptions maintenance
- Kit parts
- Purchasing scan arguments
- World Trade Extension
- World Trade Belgian extension
- Manufacturing alternate parts
- Manufacturing costs
- Manufacturing shrinkage
- Manufacturing co-products or by-products
- Manufacturing item/route override

The following are maintainable through S21 Item maintenance and are not supported within this connector:

- Supersession
- Transaction control
- Pricing groups
- Purchase text
- Manufacturing text

In update mode, the connector will presume that any values not sent or sent as *blanks for alphanumeric fields or 0 for numeric fields are not to be updated.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveItemCreate005
RPGILE	IND002_005
RPGILE	IND002MD1 – validate/create/amend INP35 + INP87 + WTP25 + INP06 + INP07 +INP38 details

Receive Connectors

RPGILE	IND002MD2 – validate/create/amend MSP04 details
RPGILE	IND003MD1 - validate/create/amend/amend INP60
PRTF	IND002PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	receive_item_create_005.doc	4.00	6/09/04
XML BOD Model	System21 XML Model		
XML BOD dtd	create_item_005.dtd	4.00	6/09/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions	<p>General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)</p> <p>The following may be set for the connector: PRMT15 = 'DPSB' PSAR15 = 'STRC60' PRMD15 = nn: Default stockroom for item (where nn is the default stockroom code)</p> <p>The following will be defaulted from description file entries where PRMT15 = DPIM PSAR15 = field name CBDT87 Calculate batch dates to CSHL35 Customer shelf life DBTT87 Display batch times GRRQ87 Grade required SUNT35 Stock unit PORQ87 Potency required SHLF35 Shelf life SHLU35 Shelf life unit SCHC04 Schedule or lot control flag BLKI04 Material Policy/Bulk issue flag PLAN35 Default purchasing planner (only used if planner mandatory)</p>
INP15 Inventory Descriptions	<p>The connector can be configured so as to prohibit update and also that documents sent as 'create' for existing items will be updated. This is achieved via description file entries PRMT15 = CONN PSAR15 = VMOD PRMD15 = 1: Prohibit update (0 = Allow)</p> <p>PRMT15=CONN PSAR15 = UPDA PRMD15 = 1:Update existing (0 = Inhibit)</p>
PIP02 – Receive handler configuration	<p>Record required where: TTYP02 = OPTITMSCRT HPRG02 = IND002_005</p>

Receive Item Supplier Create Document

Identification			
This Definition	def_receive_item_supplier_create	1.00	22/10/04
Connector	Receive Item Supplier Create	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTITEMSUP	-	-
XML BOD	create_item_supplier_001	001	04/07/02

Scope & Constraints

Scope Overview

Create System21(S21) purchase management item supplier details based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no entries will be created.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

Item/Supplier

Item must be valid (INP35)

Supplier must be valid (PLP05)

Currency if passed must be a valid currency (FLP083)

Price List details

Not mandatory

Dates must be valid

There must be no overlap of date ranges passed or existing date ranges on PMP40

Last price list entry for a date range must have a quantity of 99999999.999

'from' date must precede 'to' date

Quantities must rise as price falls

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceiveItemSupplier001
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RPGILE	IND010_001
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PRTF	IND010PT
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Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_item_supplier_001.doc	1.00	04/07/02
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XML BOD Model	System21 XML Model
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XML BOD dtd	create_item_supplier_001.DTD
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Configuration	doc.connect Installation
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Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>General connector parameters are under description type CONN</p> <p>PRTAUDRPT 1:Print Audit Report(1=Yes)</p> <p>UPDA 1: Update of records allowed (1= yes, 0=no)</p> <p>In addition to this the following specific entries are supported for the connector under description type DPSP.</p> <p>TYPE40 Price list type</p> <p>CURC01 Currency code</p> <p>COMO01 Commission override flag</p> <p>GNPO01 Generate PO uom option</p>
PIP02 – Receive controller configuration	<p>Record required where: TTYP02 = EXTITEMSUP</p> <p>HPRG02 = IND010_001</p>

Receive Output Stock Balance Document

Identification

This Definition	Output_stock_balance_002	1.00	10/05/05
Connector	Output Stock Balance	-	-
Connector Type	doc.connect	-	-
Document Type	EXTSTKBAL	-	-
XML BOD	Output Stock Balance		

Scope & Constraints

Scope Overview:

Create System21(S21) stock reconciliation details and corrects details on DOC01WK based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no entries will be created.

Note: All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be in the format YYYYMMDD and be valid

The connector will be evoked by the doc.connect infrastructure.

Details

Updates and removes records from DOC01WK based on the data received by in the BOD.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	OutputStockBalance002
RPGILE	IND014_002

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	
XML BOD Model	System21 XML Model
XML BOD dtd	output_stock_balance_002.dtd
Configuration	doc.connect Installation

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN CHKS 1:Check stock status.
PIP02	Record required where: TTYP02 = EXTSTKBAL HPRG02 = IND014_002

Receive Process Confirm Despatch Document

Identification

This Definition	process_confirm_despatch	1.00	17/10/22
Connector	Process Confirm Despatch	-	-
Connector Type	doc.connect	-	-
Document Type	EXTPRCCFDS	-	-
XML BOD	process_confirm_despatch_003		

Scope & Constraints

Scope Validation

Header

If a sales order number is passed in the document it is used. If a sales order number is not used an Equipment Servicing (EQ) job number may be passed optionally with an associated sub job number and task, the connector will attempt to retrieve the first sales order associated with the supplied EQ details via EQPE4.

If supplied, the despatch method must be defined against the Inventory descriptions file. (Major type MODE.)

If not supplied the connector will attempt to retrieve the default despatch method (see data requirements)

A despatch method must be supplied either explicitly or via the defaults.

The sales order supplied/ derived must be valid and must not be currently in use.

The print labels flag must be "0" or "1".

Lines

The despatch quantity must be > 0

If a sales order line is passed in the document it is used. If the line number is not passed an item code must be passed. The connector will attempt to retrieve the first order line for the supplied (or derived) order number and item code.

The order line supplied/ derived must be a valid order line and must not be cancelled or complete.

The line must not be for a direct delivery/ back-to-back or reservation. The line must not be for a non-stock item.

The despatch quantity cannot exceed the sum of the current outstanding (QTOS55) and allocated quantities (QTAL55).

Processing

For each order line the allocation adjustment quantity is calculated as:

Despatch quantity (from document) – QTAL55

The line allocation quantity is then set to the despatch quantity.

The line outstanding quantity is reduced by the adjustment quantity.

The available stock figure is reduced by the adjustment quantity.

The allocated stock figure is reduced by the adjustment quantity.

If the sales order line is currently active the back order stock figure is reduced by the adjustment quantity.

The sales order line is now made active.

The additional allocated stock value is accumulated.

Upon completion of the order line processing the customer balance figures are updated with the additional allocated stock value via OE302.

Pick note information is produced via OE340CLP.

The latest despatch note number is retrieved from INP56. A check is made to ensure that the pick note is available to despatch.

Fast batch confirmation of despatch records (OEP95) are written for the newly created pick details.

OE126Y is called to perform batch processing.

The connector will be evoked by the doc.connect infrastructure.

Constraints Support is not provided for:

Lot processing.

There is no special processing for kits i.e. each order line is treated as a normal order line.

Multiple stockrooms per despatch i.e. all order lines on the despatch are for a single stockroom.

Connector Objects (The following objects make up this Connector)

Java class	ProcessConfirmDespatch003
RPGILE	OED101_003 – Message handling
RPGILE	OED101MD1 – Validation
RPGILE	OED101MD2 – Audit report
PRTF	OED101PT – Audit report
RPGILE	OEDUTILS – Common OE routines

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Process_despatch_003
XML BOD Model	System21 XML Model
XML BOD dtd	Process_despatch_003

Configuration	doc.connect Installation Guide
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Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	The following entries are supported under description type DPPD. In each case the first character of the description may be used as a default field value. MODE – Default despatch method.
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTPRCCFDS HPRG02 = OED101_003

Receive Process Despatch Document

Identification

This Definition	process_despatch	1.00	17/10/22
Connector	Process Despatch	-	-
Connector Type	doc.connect	-	-
Document Type	EXTPRCDSP4	-	-
XML BOD	process_despatch_004		

Scope & Constraints

Scope Validation

Header

If a sales order number is passed in the document it is used. If a sales order number is not used an Equipment Servicing (EQ) job number may be passed optionally with an associated sub job number and task, the connector will attempt to retrieve the first sales order associated with the supplied EQ details via EQPE4.

If supplied, the despatch method must be defined against the Inventory descriptions file. (Major type MODE.)

If not supplied the connector will attempt to retrieve the default despatch method (see data requirements)

A despatch method must be supplied either explicitly or via the defaults.

The sales order supplied/ derived must be valid and must not be currently in use.

The print labels flag must be "0" or "1".

Lines

The despatch quantity must be > 0

If a sales order line is passed in the document it is used. If the line number is not passed an item code must be passed. The connector will attempt to retrieve the first order line for the supplied (or derived) order number and item code.

The order line supplied/ derived must be a valid order line and must not be cancelled or complete.

The line must not be for a direct delivery/ back-to-back or reservation. The line must not be for a non-stock item.

The despatch quantity cannot exceed the sum of the current outstanding (QTOS55) and allocated quantities (QTAL55).

Processing

For each order line the allocation adjustment quantity is calculated as:

Despatch quantity (from document) – QTAL55

The line allocation quantity is then set to the despatch quantity.

The line outstanding quantity is reduced by the adjustment quantity.

The available stock figure is reduced by the adjustment quantity.

The allocated stock figure is reduced by the adjustment quantity.

If the sales order line is currently active the back order stock figure is reduced by the adjustment quantity.

The sales order line is now made active.

The additional allocated stock value is accumulated.

Upon completion of the order line processing the customer balance figures are updated with the additional allocated stock value via OE302.

Pick note information is produced via OE340CLP.

The latest despatch note number is retrieved from INP56. A check is made to ensure that the pick note is available to despatch.

Fast batch confirmation of despatch records (OEP95) are written for the newly created pick details.

OE126Y is called to perform batch processing.

The connector will be evoked by the doc.connect infrastructure.

Constraints Support is not provided for:

Lot processing.

There is no special processing for kits i.e. each order line is treated as a normal order line.

Multiple stockrooms per despatch i.e. all order lines on the despatch are for a single stockroom.

Connector Objects (The following objects make up this Connector)

Java class	ProcessConfirmDespatch004
RPGILE	OED101_004 – Message handling
RPGILE	OED101MD1 – Validation
RPGILE	OED101MD2 – Audit report
PRTF	OED101PT – Audit report
RPGILE	OEDUTILS – Common OE routines

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Process_despatch_004
XML BOD Model	System21 XML Model
XML BOD dtd	Process_despatch_004
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	The following entries are supported under description type DPPD. In each case the first character of the description may be used as a default field value. MODE – Default despatch method.
PIP02 – Receive handler configuration	Record required where: TTYP02 = EXTPRCDSP4 HPRG02 = OED101_004

Receive Create Purchase Invoice 001 Document

Identification

This Definition	def_create_purchase_invoice	1.00	07/12/05
Connector	Create Purchase Invoice Document	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPURINV	-	-
XML BOD	receive_purchase_invoice_001	001	19/10/04

Scope & Constraints

Scope Overview

The Purchase Invoice Create connector will accept a System 21 XML Purchase Invoice BOD. It will validate and create the appropriate Purchase Invoice in System

21.

All passed details must be valid before any S21 details are updated.

Invoices will be created one at a time rather than as a batch. This means that a separate accounts payable (AP) session will be created per invoice.

Validation

Notes:

Numeric values are validated to be numeric. If not passed, 0 is assumed

Dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Document type must be 'IN' for posting to log.

Company must be valid AP company with invoice log active and post inhibit flag inactive.

Company must be valid general ledger (GL) company

If item reference is passed, invoice must not have been previously posted to the log

Supplier must be valid, not cancelled and not set to posting inhibited.

A supplier reference must be passed if supplier reference is mandatory

If supplier reference passed, must be unique

Default location code must be passed

Updates

PL Session record

Invoice Log record

Invoice Log Dissections

PL Transaction via a call to PL190

The connector will be evoked by the doc.connect infrastructure.

Constraints Only invoices are supported, not credit notes.

The VAT code defaults from the supplier. Multiple VAT rates for a supplier are not therefore currently supported. This is because we would need to identify a means of translating the supplier's VAT code into the system's VAT code (no ISO standard) and then also allow for multiple lines.

The currency of the invoice is assumed to be the default currency of the supplier.

Although there are ISO standards for currency codes there is no guarantee that the suppliers use these – or that the system does. It is highly uncommon for a particular supplier to invoice in multiple currencies.

The payment terms are the default terms of the supplier. If extended terms are specified against the supplier these will be used (PSPC05 non blank).

The payment method is the default payment method of the supplier.

Withholding tax will not be catered for. This normally relates to services - electronic exchange of invoices normally relate to purchases of stocked items.

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseInvoiceCreate001
RPGILE	PLD001_001
PRTF	PLD001PT

Related Documents (Additional detail is available in the following documents)

Connector Specification	Purchase Invoice create 2_1	2.1	19/07/04
XML BOD Specification			
XML BOD Model	System21 XML Model		
XML BOD dtd	receive_purchase_invoice_001.dtd		
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive controller configuration	Record required where: TTYP02 = EXTPURINV HPRG02 = PLD001_001

Receive Create Purchase Invoice 002 Document

Identification			
This Definition	def_create_purchase_invoice	1.00	07/12/05
Connector	Create Purchase Invoice Document	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPURINVM	-	-
XML BOD	receive_purchase_invoice_002	002	19/10/04

Scope & Constraints

Scope Overview

The Purchase Invoice Create connector will accept a System 21 XML Purchase Invoice BOD. It will validate and create the appropriate Purchase Invoice in System 21.

Note: unless explicitly stated otherwise, references to an invoice should be taken to refer to credit notes as well.

All passed details must be valid before any S21 details are updated.

Invoices will be created one at a time rather than as a batch. This means that a separate accounts payable (AP) session will be created per invoice.

There are 3 main variants of information that can be provided from a VAT/GL perspective:

No details for log dissections or purchase invoice. In this case the GL dissections and VAT code will default from the supplier. The invoice is posted to the log but no matching takes place.

Details for log dissections but not purchase invoice. In this case the GL dissections and VAT codes/values will come from the log dissections. The invoice will be posted to the log but no matching takes place.

Details for purchase invoice but no log dissections. In this case the GL dissections come from the PMP09 records linked to the purchase order. The VAT codes/values come from the purchase invoice details. The invoice will be posted to the log and 3-Way Batch Invoice Matching will take place.

Note that details for log dissections and purchase invoice are mutually exclusive. The

former is really for intra company application processing, typically another System 21 company. The latter is for external supplier invoices

Validation

Notes:

Numeric values are validated to be numeric. If not passed, 0 is assumed

Dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Header details

Document type must be 'IN' or 'CR' and for posting to log.

If credit note, invoice details must exist within document.

If credit note a reason code must be passed

Company must be valid AP company with invoice log active and post inhibit flag inactive.

Company must be valid general ledger (GL) company

If item reference is passed, invoice must not have been previously posted to the log

Supplier must be valid, not cancelled and not set to posting inhibited.

A supplier reference must be passed if supplier reference is mandatory

If supplier reference passed, must be unique

Default location code must be passed

If extended terms code passed, must be valid

If discount code passed, must be valid

If payment method passed, must be valid

If item payment status passed must be either 'H', 'P' or 'S'.

Only one of the following may be passed as they are mutually exclusive; discount terms code, discount rate, discount value.

Details may not exist for log dissection and invoice details

Log dissection

Note: details not mandatory

If AR company profile set to validate log VAT codes and rates, VAT code must be valid.

If AR company profile set to validate log GL accounts, account codes must be valid,

not be a hierarchy account and not post inhibited.
 Account extension must be valid (via program GL835)
 Sum of fiscal postings plus the sum of the VAT must equal control total
 Sum of VAT must equal VAT control

Invoice Details

Note: details not mandatory

Order number must be passed and be valid
 Supplier if passed must be as on the order
 Item code must be valid unless item code = 'UNKNOWN' and must be on order
 If Item code passed as 'UNKNOWN' , item code is retrieved using the vendor item code
 Currency if passed must be valid
 Sum of fiscal postings plus the sum of the VAT must equal control total
 Sum of VAT must equal VAT control

The connector will be evoked by the doc.connect infrastructure.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseInvoiceCreate002
RPGILE	PLD001_002
PRTF	PLD001PT

Related Documents (Additional detail is available in the following documents)

Connector Specification	Purchase Invoice create 2_1	2.1	19/07/04
XML BOD Specification			
XML BOD Model	System21 XML Model		
XML BOD dtd	receive_purchase_invoice_002.dtd		
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive controller configuration	Record required where: TTYP02 = EXTPURINVM HPRG02 = PLD001_002

Receive Create Purchase Invoice 003 Document

Identification

This Definition	def_create_purchase_invoice	1.00	30/01/2013
Connector	PLD001_003	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPURINV3	-	-
XML BOD	receive_purchase_invoice_003	-	30/01/2013

Scope & Constraints

Scope Overview

The Purchase Invoice Create connector will accept a System 21 XML Purchase Invoice BOD. It will validate and create the appropriate Purchase Invoice in System 21.

Note: unless explicitly stated otherwise, references to an invoice should be taken to refer to credit notes as well.

All passed details must be valid before any S21 details are updated.

Invoices will be created one at a time rather than as a batch. This means that a separate accounts payable (AP) session will be created per invoice.

There are 3 main variants of information that can be provided from a VAT/GL perspective:

No details for log dissections or purchase invoice. In this case the GL dissections and VAT code will default from the supplier. The invoice is posted to the log but no matching takes place.

Details for log dissections but not purchase invoice. In this case the GL dissections and VAT codes/values will come from the log dissections. The invoice will be posted to the log but no matching takes place.

Details for purchase invoice but no log dissections. In this case the GL dissections come from the PMP09 records linked to the purchase order. The VAT codes/values come from the purchase invoice details. The invoice will be posted to the log and 3-Way Batch Invoice Matching will take place.

Note that details for log dissections and purchase invoice are mutually exclusive. The former is really for intra company application processing, typically another System 21 company. The latter is for external supplier invoices

This connector also handles 3rd party invoices lines as part of Peruvian tax function.

Validation

Notes:

Numeric values are validated to be numeric. If not passed, 0 is assumed

Dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Header details

Document type must be 'IN' or 'CR' and for posting to log.

If credit note, invoice details must exist within document.

If credit note a reason code must be passed

Company must be valid AP company with invoice log active and post inhibit flag inactive.

Company must be valid general ledger (GL) company

If item reference is passed, invoice must not have been previously posted to the log

Supplier must be valid, not cancelled and not set to posting inhibited.

A supplier reference must be passed if supplier reference is mandatory

If supplier reference passed, must be unique

Default location code must be passed

If extended terms code passed, must be valid

If discount code passed, must be valid
If payment method passed, must be valid
If item payment status passed must be either 'H', 'P' or 'S'.
Only one of the following may be passed as they are mutually exclusive; discount terms code, discount rate, discount value.

Details may not exist for log dissection and invoice details

Log dissection

Note: details not mandatory

If AR company profile set to validate log VAT codes and rates, VAT code must be valid.

If AR company profile set to validate log GL accounts, account codes must be valid, not be a hierarchy account and not post inhibited.

Account extension must be valid (via program GL835)

Sum of fiscal postings plus the sum of the VAT must equal control total

Sum of VAT must equal VAT control

Invoice Details

Note: details not mandatory

Order number must be passed and be valid

Supplier if passed must be as on the order

Item code must be valid unless item code = 'UNKNOWN' and must be on order

If Item code passed as 'UNKNOWN' , item code is retrieved using the vendor item code

Currency if passed must be valid

Sum of fiscal postings plus the sum of the VAT must equal control total

Sum of VAT must equal VAT control

The connector will be evoked by the doc.connect infrastructure.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseInvoiceCreate003
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RPGILE	PLD001_003
PRTF	PLD001PT

Related Documents (Additional detail is available in the following documents)

Connector Specification	Purchase Invoice create 2_1	2.1	19/07/04
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XML BOD Specification

XML BOD Model	System21 XML Model
XML BOD dtd	receive_purchase_invoice_003.dtd
Configuration	doc.connect Installation or manually applied

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive controller configuration	Record required where: TTYP02 = EXTPURINV3 HPRG02 = PLD001_003

Receive Purchase Order Amend Document

Identification

This Definition	def_purchase_order_change	1.00	10/03/04
Connector	Build Purchase Order Amend	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPOAMEND	-	-
XML BOD	change_purchase_order_003	001	03/09/02

Scope & Constraints

Scope

Overview

Amend System21(S21) purchase order details based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no entries will be created.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

PO Header

PO must exist

Purchasing company must exist

Supplier must exist

Delivery date must be greater than order date

If passed the following must be valid:

- Currency code

- Order class

- Planning officer

- Receiving address

- Stockroom

- Delivery instruction

PO Lines

If order class < 5 Item must be valid

Delivery date must be greater than order date

If passed the following must be valid:

- UOM

- VAT code

- Nominal code

GL extension

If order class \geq 5

vendor item must be passed and be valid

Nominal code must be passed and be valid

GL extension if passed must be valid

Service Job

Job/Sub-job/Task must be valid

Department code must be passed

If passed Order class must = 5

Unit price must be passed

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseOrderAmend003
RPGILE	PMD002_003
PRTF	PMD002PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	change_purchase_order_003.doc	1.00	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	change_purchase_order_003.dtd	1.00	03/09/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

Description File (INP15) Records can be set up as follows:

Description Type CONN
 Description Code PRTAUDRPT
 Description 1: 1=print audit report

The 1st character of this parameter description controls the printing of connector audit reports.

Description Type CONN
 Description Code POPRINTIN
 Description 4: Print indicator default

The 1st character of this parameter description sets the default print indicator for received purchase order transaction. This is overridden if the print indicator is sent as data in the BOD.

PIP02 – Receive controller configuration

Record required where: TTYP02 = EXTPOAMEND
 HPRG02 = PMD002_003

Receive Purchase Order Cancel Document

Identification			
This Definition	def_purchase_order_cancel	1.00	10/03/04
Connector	Build Purchase Order Amend	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPOCNL	-	-
XML BOD	cancel_purchase_order_003	001	03/09/02

Scope & Constraints

Scope Overview

Cancel System21(S21) purchase order details based on details extracted from an

XML document that conforms to the BOD stated above.

The purchase order is cancelled via call to program PM080C

If any entries are in error, then no action will be taken.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

PO Header

PO must exist

Purchasing company must exist

PO must not already be cancelled

PO must not be active

PO Lines

Service Job

If any line has been matched to an invoice than cancellation is prohibited

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseOrderCancel003
RPGILE	PMD003_003
PRTF	PMD003PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	change_purchase_order_003.doc	1.00	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	cancel_purchase_order_003.dtd	1.00	03/09/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>Description File (INP15) Records can be set up as follows:</p> <p>Description Type CONN Description Code PRTAUDRPT Description 1: 1=print audit report</p> <p>The 1st character of this parameter description controls the printing of connector audit reports.</p> <p>Description Type CONN Description Code POPRINTIN Description 4: Print indicator default</p> <p>The 1st character of this parameter description sets the default print indicator for received purchase order transaction. This is overridden if the print indicator is sent as data in the BOD.</p>

PIP02 – Receive controller configuration	Record required where: TTYP02 = EXTPOCNL HPRG02 = PMD003_003
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Receive Purchase Order Create Document

Identification

This Definition	def_purchase_order_create
-----------------	---------------------------

Connector	Purchase Order Create	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPOCRT	-	-
XML BOD	purchase_order_create_003		

Scope & Constraints

Scope Overview

Create System21(S21) purchase order details based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no entries will be created.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

PO Header

Supplier must exist

Delivery date must be greater than order date

If passed the following must be valid:

- Currency code
- Order class
- Planning officer
- Receiving address
- Stockroom
- Delivery instruction

PO Lines

If order class < 5 Item must be valid

Delivery date must be greater than order date

If passed the following must be valid:

- UOM
- VAT code
- Nominal code
- GL extension

If order class >= 5

- vendor item must be passed and be valid
- Nominal code must be passed and be valid
- GL extension if passed must be valid

Service Job

- Job/Sub-job/Task must be valid
- Department code must be passed
- If passed Order class must = 5
- Unit price must be passed

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseOrderCreate003
RPGILE	PMD001_003
PRTF	PMD001CRT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_purchase_order_003.doc	1.00	21/08/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create_purchase_order_003.dtd	1.00	21/08/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
------	-------

INP15 Inventory Descriptions

Description File (INP15) Records can be set up as follows:

Description Type CONN
 Description Code PRTAUDRPT
 Description 1: 1=print audit report

The 1st character of this parameter description controls the printing of connector audit reports.

Description Type CONN
 Description Code POPRINTIN
 Description 4: Print indicator default

The 1st character of this parameter description sets the default print indicator for received purchase order transaction. This is overridden if the print indicator is sent as data in the BOD.

PIP02 – Receive controller configuration

Record required where: TTYP02 = EXTPOCRT
 HPRG02 = PMD001_003

Receive Purchase Order Document

Identification

This Definition	def_receive_purchase_order_process	1.00	24/11/03
Connector	Receive Purchase Order Document	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPORCV	-	-
XML BOD	receive_purchase_order_005	005	

Scope & Constraints

Scope	Overview
	Receive multiple System21(S21) purchase orders from a vendor based on details extracted from an XML document that conforms to the BOD stated above.

All passed details must be valid before any S21 details are updated via program PMD120_UP5.

The passed item/quantities are netted off against existing open purchase order lines.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Purchase Order Header Details

For first order,

GRN is unique. If no GRN passed the next system generated GRN is used.

ASN is passed and exists. It is assumed that if the <asn_header> node is passed in the message then validation is required.

Company code is valid

Further header details will be validated such that,

Advice note number may not be blank and must be the same for all orders

Orders exist within S21

Supplier is as on ASN

Supplier is as per the S21 order and is the same on all orders

Receipt date, if passed, is in current or future period

Receipt date, if passed, is within time fence defined on company profile

Order has been released and is open (not cancelled)

Is not a service order

Receiving address, if passed, is as per S21 order

If direct delivery order can only be received into stores

The following, if not passed, are defaulted from the existing S21 purchase order,

Order date

Receiving address

The following, if not passed, are defaulted as follows,

Receipt date = current date

Purchase Order Lines

Item:

At least 1 open line must exist for item on order.

Item is on ASN

Quantity received must be greater than 0 and within the company profile tolerances

Item code must be valid unless item code = 'UNKNOWN' and must be on order

If Item code passed as 'UNKNOWN' , item code is retrieved using the vendor item code.

Line number if passed must exist on purchase order and be for the passed item.

Stockroom if passed must be as per the ASN

If inspection required for item, receipt cannot be into stores.

If item defined to warehousing, a default pack type must exist

If costing method for item is standard costing, a standard cost must exist

Batch/Lot/Serial control:

Details may not sent for non batch/lot/serial control items unless BATCHERROR = '1' on description file.

Quantity received must be greater or equal to 0

If serial control item quantity must = 1 or 0

Total of lot/serial quantities must equal quantity for item

Configuration

The following are required under description file type 'DPRP'

BATCHERROR if set to '1' will allow batch details to be sent for non batch items

USERAUTH a S21 user with sufficient authority as defined within S21 option 8/PMM

The connector will be evoked by the doc.connect infrastructure.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseOrder005
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Receive Connectors

RPGILE	PMD120_005
RPGILE	PMD120_UP5
PRTF	PMD120PT5

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	receive_purchase_order_005.doc	5.00
XML BOD Model	System21 XML Model	
XML BOD dtd	receive_purchase_order_005.dtd	5.00
Configuration	doc.connect Installation	

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions	<p>Description File (INP15) Records can be set up as follows:</p> <p>Description Type DPRP Description Code BATCHERROR Description 1: Allow batch errors</p> <p>The 1st character of this parameter description allows for the connector to receive lots/batches for items not lot/batch/serial controlled.</p> <p>Description Type DPRP Description Code USERAUTH Description Connectors: Receiving user ID authority</p> <p>The 1st ten characters of this parameter description set a default user ID for setting the purchase management transaction authority.</p>
PIP02 – Receive controller configuration	<p>Record required where: TTYP02 = EXTPORCV HPRG02 = PMD120_005</p>

Receive Purchase Order Return Document

Identification			
This Definition	def_purchase_order_return	1.00	17/03/04
Connector	Purchase Order return	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTPORETRN	-	-
XML BOD	return_purchase_order_003	001	11/01/06

Scope & Constraints

Scope Overview

Cancel System21(S21) purchase order details based on details extracted from an XML document that conforms to the BOD stated above.

If any entries are in error, then no action will be taken.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

Details

Purchasing company must exist

Stockroom/warehouse must be valid

GRN must be valid

GRN number must exist at entered stockroom

Return Date passed must be before the Receipt Date

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceivePurchaseOrderReturn003
RPGILE	PMD003_004
PRTF	PMD004PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	return_purchase_order_003.doc	1.00	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	return_purchase_order_003.dtd	1.00	03/09/02
Configuration	doc.connect Installation Guide		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
------	-------

INP15 Inventory Descriptions

Description File (INP15) Records can be set up as follows:

Description Type CONN
 Description Code PRTAUDRPT
 Description 1: 1=print audit report

The 1st character of this parameter description controls the printing of connector audit reports.

Parameter File (PMP12) Records can be set up as follows:

Parameter Type SCRC
 Parameter Code ##
 Description Default scrap reason code

PIP02 – Receive controller configuration

Record required where: TTYP02 = EXTPORETRN
 HPRG02 = PMD003_004

Receive Create Manufacturing Route 001 Document

Identification			
This Definition	ConnectorDefinitionReceiveRouteCreate001	1.00	12/08/04
Connector	Route Create	-	-
Connector Type	doc.connect	-	-
Document Type	EXTROUTCRT	-	-
XML BOD	create_manufacturing_route_001	1.00	12/08/04

Scope & Constraints

Scope Create S21 Item details based on details extracted from an XML document that conforms to the BOD stated above.

The following details will be created:

Route header	MSP20
Bill of Resources	MSP22
Operation details	MSP24
Structure details	MSP28
Input reference	MSP38

All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be valid

The following alphanumeric fields will be validated to ensure that the passed values do not exceed the S21 field lengths. All other alphanumeric fields passed will be truncated if they exceed the S21 field length.

Company

Parent item code

Component code

There is no update mode for routes. Details passed for an item/route must be complete. If S21 details already exist for the passed item/route, they will be deleted before creating the new structure.

However, the connector can be configured so as to prevent the deletion of existing operations.

This is achieved via description file entries PRMT15 = CONN, PSAR15 = DLTOPS.

The passed details will be validated but the existing operation details will not be deleted and re-created. There will be no check of whether the number and type of operations passed match the existing operations.

The connector will be evoked by the doc.connect infrastructure.

Constraints Change control processing is not included
 No route operations output items will be created (ie. PDP26)
 No alternative routes will be created (i.e PDP27)
 No text records.

Details sent for routes for phantom items must only have one operation and must be of sequence 10.

The following must exist within S21:
 All description file entries required for validation
 Company profiles
 Stockrooms required for any item/stockroom combination

Connector Objects (The following objects make up this Connector)

Java pgm	ReceiveManufactruingRouteCreate001
RPGILE	MSD001_001 – create manufacturing route connector
RPGILE	MSD001MD1 – validate/create/amend INP35 + INP87 + WTP25 + INP06 + INP07 details

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_manufacturing_route_001.doc	1.00	12/08/04
XML BOD Model	System21 XML Model		
XML BOD dtd	create_manufacturing_route_001.dtd	1.00	12/08/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
------	-------

INP15 Inventory Descriptions

Description File (INP15) Records can be set up as follows:

Description Type CONN
 Description Code PRTAUDRPT
 Description 1: 1=print audit report

The 1st character of this parameter description controls the printing of connector audit reports.

Description Type CONN
 Description Code DLTOPS
 Description 1: Delete operations

The 1st character of this parameter description controls the deletion of existing operations prior to deletion of an existing route.

PIP02 – Receive handler configuration Record required where: TTYP02 = EXTROUTCRT
 HPRG02 = MSD001_001

Receive Create Manufacturing Route 002

Identification			
This Definition	ConnectorDefinitionReceiveRouteCreate002	1.00	22/11/10
Connector	Route Create	-	-
Connector Type	doc.connect	-	-
Document Type	EXTRTE2CRT - EXTRTE2UPD	-	-
XML BOD	create_manufacturing_route_002	1.00	22/11/10

Scope & Constraints

Scope Create S21 Item details based on details extracted from an XML document that conforms to the BOD stated above.

The following details will be created:

Route header	MSP20
Bill of Resources	MSP22
Operation details	MSP24
Structure details	MSP28
Input reference	MSP38
Text	MSP02 (Currently operation and component text is supported)

All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

Dates, if passed, must be valid

The following alphanumeric fields will be validated to ensure that the passed values do not exceed the S21 field lengths. All other alphanumeric fields passed will be truncated if they exceed the S21 field length.

Company

Parent item code

Component code

There is no update mode for routes. Details passed for an item/route must be complete. If S21 details already exist for the passed item/route, they will be deleted before creating the new structure.

However, the connector can be configured so as to prevent the deletion of existing operations.

This is achieved via description file entries PRMT15 = CONN, PSAR15 = DLTOPS.

The passed details will be validated but the existing operation details will not be deleted and re-created. There will be no check of whether the number and type of operations passed match the existing operations.

The connector will be evoked by the doc.connect infrastructure.

Constraints Change control processing is not included
 No route operations output items will be created (ie. PDP26)
 No alternative routes will be created (i.e PDP27)
 No route header text records.

Details sent for routes for phantom items must only have one operation and must

be of sequence 10.

The following must exist within S21:

All description file entries required for validation

Company profiles

Stockrooms required for any item/stockroom combination

Connector Objects (The following objects make up this Connector)

Java pgm	ReceiveManufactruingRouteCreate002 ReceiveManufactruingRouteUpdate002
RPGILE	MSD001_002 – create manufacturing route connector
RPGILE	MSD001MD1 – validate/create/amend INP35 + INP87 + WTP25 + INP06 + INP07 + MSP02 details

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_manufacturing_route_002.doc	1.00	12/08/04
XML BOD Model	System21 XML Model		
XML BOD dtd	create_manufacturing_route_002.dtd	1.00	12/08/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
------	-------

INP15 Inventory Descriptions

Description File (INP15) Records can be set up as follows:

Description Type CONN
 Description Code PRTAUDRPT
 Description 1: 1=print audit report

The 1st character of this parameter description controls the printing of connector audit reports.

Description Type CONN
 Description Code DLTOPS
 Description 1: Delete operations

The 1st character of this parameter description controls the deletion of existing operations prior to deletion of an existing route.

Description Type DPMR
 Description Code PLNRTCDSTP
 Description 1: Stop planning route updates

If a '1' is found in the 1st character of this parameter description the connector will report an error if an attempt is made to update the planning route of an item.

PIP02 – Receive handler configuration Record required where: TTYP02 = OPTROUTCRT
 HPRG02 = MSD001_002

Receive Create Sales Order Document

Identification

This Definition	def_create_sales_order	4.00	10/09/04
Connector		-	-

Connector Type	Doc.connect	-	-
Document Type	EXTSALORD	-	-
XML BOD	create_sales_order_004	4.00	10/09/04

Scope & Constraints

Scope Create S21 sales orders details based on details extracted from a Microsoft Access Database.

A framework which may be scheduled or run on an ad hoc basis will evoke a class (JDBCBOProducer) which will execute an sql statement to extract details from the Microsoft Access Database and create a BOD which will conform to S21 standards. This BOD will be processed by the connector ReceiveSalesOrderCreate004.

The extracted information will be validated and then actioned by the Dex interface which will create the appropriate S21 files.

The following details will be created:

Sales Order Header	OEP40
Sales Order Lines	OEP55
Sales Order Line text	INP40

All passed numeric fields will be validated to ensure that they are not < 0 and contain valid numerals.

The following alphanumeric fields will be validated to ensure that the passed values do not exceed the S21 field lengths. All other alphanumeric fields passed will be truncated if they exceed the S21 field length.

- Company
- Order number
- Customer code
- Customer delivery sequence

The connector will be evoked by the doc.connect infrastructure.

Constraints The following must exist within S21:

- All description file entries required for validation
- Company profiles
- Customers
- Item details and any item/stockroom combination

The following will not be maintained:

Sales Order header text

Override addresses

To use this connector along with the OI application, the connector requires that the libraries AULOIF2 and AULOID2 must be added to the YZ library lists above the AULT2* libraries and above the AULEQ* libraries.

Alternatively, if this connector is to be used along with the EQ application the AULOI* libraries must be removed from the library list.

Connector Objects (The following objects make up this Connector)

Java class	JDBCBOProducer
Java class	ReceiveSalesOrderCreate004
RPGILE	OED002_004 – create sales order connector
RPGILE	OED002MD1

Related Documents (Additional detail is available in the following documents)

Connector Specification	spec_create_sales_order_004.doc		
XML BOD Specification	create_sales_order_004.doc	4.00	10/09/04
XML BOD Model	System21 XML Model		
XML BOD dtd	create_sales_order_004.dtd	4.00	06/02/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
------	-------

INP15 Inventory
Descriptions

The following must be set for the connector:

PRMT15 = ESUP
PSAR15 = DOCCONNECT
PRMD15 = 'DEX Interface'

The following will be defaulted from description file entries:

PRMT15 = DPSC – Sales Order Create
PSAR14 = field name)

ALOE40 = Allocate on entry 'N' will allocate stock to the order lines

ORTP40 Order type = '0' for normal order

OSRC40 Order source , can be any 1 alpha character and may be used to distinguish between orders

DXSN49 Dex Source, required for DEX for reporting purposes
e.g. doc.connect framework

The connector can be configured so as to prohibit update and also that documents sent as 'create' for existing items will be updated.

This is achieved via description file entries

PRMT15 = CONN
PSAR15 = VMOD
PRMD15 = 1: Prohibit update (0 = Allow)

PRMT15= CONN
PSAR15 = UPDA
PRMD15 = 1:Update existing (0 = Inhibit)

PIP02 – Receive
controller configuration

Configuration required for type EXTSALORD
Record required where: TTYP02 = EXTSALORD
HPRG02 = OED002_004

Receive Singleshot Stock Transfer Document

Identification

This Definition	Singleshot_stock_transfer	1.00	17/10/22
Connector	Receive single step stock transfer	-	-
Connector Type	doc.connect	-	-
Document Type	EXTSTKSTRF	-	-
XML BOD	Singleshot_stock_transfer _001		

Scope & Constraints

Scope Overview:

Header

The stockrooms must not match.

Both stockrooms must be defined and accept transfers.

If provided reference date cannot be a future date.

If provided the movement type must be a valid descriptions file entry.

If provided the movement reason must be a valid descriptions file entry.

Lines

If required the reference number, movement type and movement reason must be a provided at either header or detail level.

A movement quantity must be provided.

If provided reference date cannot be a future date.

If provided the movement type must be a valid descriptions file entry.

If provided the movement reason must be a valid descriptions file entry.

A movement quantity must be provided.

The item must be defined to Inventory Management and exists in both the “from” and “to” warehouse.

If the item is serial controlled the quantity must be 1.

If provided the unit of measure must be defined on the item master.

If the item is lot controlled lot details must be provided.

There must be adequate available stock at the “from” stockroom.

For standard cost items the standard cost must be available.

For lot controlled items:

The lot header record must exist.

The lot must exist at the “from” stockroom.

There must be adequate available stock of the lot at the “from” stockroom.
 For serial controlled item the physical stock at the “to” stockroom cannot be positive.
 If the “from” stockroom is a warehouse:
 The item must be defined at the location specified.
 There must be enough physical stock at the location to perform the movement.
 If the “from” stockroom is a warehouse:
 The item / pack type profile must be defined.

The connector will be evoked by the doc.connect infrastructure.

Constraints Support is not provided for:
 Location controlled stockrooms
 Catchweight items
 Movement of kit parents i.e. components must be specified separately.

Connector Objects (The following objects make up this Connector)

Java class	ReceiveSingleShotStockTransfer001
RPGILE	IND013_001 (Processing of the message)
RPGILE	IND013MD1 (Validation)
RPGILE	IND013MD2 (Updates)
RPGILE	IND013MD3 (Report)

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	
XML BOD Model	System21 XML Model
XML BOD dtd	process_singleshot_stock_transfer_001.dtd
Configuration	doc.connect Installation

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	General connector parameters are under description type CONN PRTAUDRPT 1:Print Audit Report(1=Yes)
PIP02 – Receive handler configuration	Configuration required for type EXTSTKSTRF Record required where: TTYP02 = EXTSTKSTRF HPRG02 = IND013_001

Receive Process Stock Movements Document

Identification

This Definition	def_build_stock_movements_process	1.00	24/11/03
Connector	Build Stock Movement Document	-	-
Connector Type	Java + RPGLE	-	-
Document Type	EXTSTKMVT	-	-
XML BOD	process_stock_movement	002	04/07/02

Scope & Constraints

Scope	<p>Overview</p> <p>Receive multiple System21(S21) stock movements based on details extracted from an XML document that conforms to the BOD stated above.</p> <p>All passed details must be valid before any S21 details are updated via a call to IN070 (Inventory Updates).</p> <p>Validation</p> <p>Notes:</p> <p>All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed</p> <p>Negative quantities are passed with a prefix of '-'</p>
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Unless explicitly stated, lot refers to either a batch, lot or serial controlled.

Item must exist within S21

UOM if passed must be either issue, stock or purchase UOM. If not passed issue UOM is assumed.

To and from stockrooms must exist and cannot be the same.

Item/Stockroom must be valid

If movement quantity will cause the stock to go negative, this must be allowed within the company profile.

Lot controlled item must have associated lot.

If serial controlled, quantity must equal 1.

If packaging type passed then it must be valid

Movement date may not be greater than current date

The following if passed must be valid else they will be retrieved from the default parameters on the description file (see below)

Processing profile

Transaction type

Movement type

Movement reason code

Movement source

User id

Workstation id

If Service is active the following if passed must be valid

Service job number, sub-job and task number must exist

Job must be open

Inventory expenses must be allowed for the Job/sub-job/task

Updates

These are via call to IN070. Prior to call extended lot details are amended if appropriate.

If item is lot controlled a call is made to IN994 to initiate further updates

The following, if not passed, are defaulted as follows,

Reference date = current date

Movement date = reference date

If Equipment Servicing is active and job details have been passed EQJ313 is called for equipment servicing inventory posting.

The connector will be evoked by the doc.connect infrastructure.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ProcessStockMovements002
RPGILE	IND012_002
PRTF	IND012PT2

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_stock_movement_002.doc	002	04/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	process_stock_movement_002.dtd	002	04/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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If any entries are in error, then no entries will be created.

The connector will be evoked by the doc.connect infrastructure.

Validation

Notes:

All passed dates are validated to be in the format CYYMMDD. If not passed 0 is assumed

Unless specified all numeric values must be greater or equal to 0

Item/Stockroom

Item must be valid (INP35)

Stockroom must be valid (INP20)

Item must exist within passed stockroom (INP60)

Batch details

If passed batch must exist (INP84)

Batch dates must not be before production date

Last available date is between expiry and first available

If passed certificate of conformance must exist (INP70)

In transit details

In transit details must exist (INP05)

Status must = '1'

To and from stockrooms cannot be the same

Quantity in transit + quantity delivered cannot be greater than original quantity

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ReceiveStockTransfer001
RPGILE	IND008_001
PRTF	IND008PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	receive_stock_transfer_001.doc	1.00	04/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	receive_stock_transfer_001.dtd	1.00	04/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	
PIP02 – Receive controller configuration	Configuration required for type EXTSTKTRF Record required where: TTYP02 = EXTSTKTRF HPRG02 = IND008_001

Chapter 2 Publish Connectors

Publish Connectors (Core)

Publish Acknowledge Sales Order 003 Document

Identification			
This Definition	def_acknowledge_sales_order_003	1.00	04/03/03
Connector	Publish Acknowledge Sales Order	-	-
Connector Type	Doc.connect	-	-
Document Type	ACKNOW	-	-
XML BOD	Publish_ acknowledge_sales_order_003	1.00	17/09/01

Scope & Constraints	
Scope	<p>Overview</p> <p>Publish S21 acknowledgement details in a structure that conforms to the XML BOD defined above .</p> <p>All passed details must be valid before any S21 details are published.</p> <p>Key must be valid</p> <p>The connector will be evoked by the doc.connect infrastructure.</p>

Key

Company
Sales Order number

Published Details

The acknowledgement details from the following files are published

OEP40	Sales order header
OEP55	Sales order lines
OEP41	Credit card details
SLP05	Customer names and addresses

If applicable

OEP41	Credit card details
OEP50	Charges
OEP56	Price override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	AcknowledgeSalesOrder003
RPGILE	OED900_003

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	acknowledge_sales_order_003.doc	1.0	17/09/01
XML BOD Model	System21 XML Model		
XML BOD dtd	acknowledge_sales_order_003.dtd	1	17/09/01
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
------	-------

INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = ACKNOW
 configuration HPRG01 = OED900_003

Publish Cancel Purchase Order 003 Document

Identification

This Definition	def_publish_cancel_purchase_order_003	1.00	17/03/04
Connector	Publish Cancel Purchase Order 003	-	-
Connector Type	Doc.connect	-	-
Document Type	PURORDCHG	-	-
XML BOD	Publish_cancel_purchase_order_003	1.00	03/09/02

Scope & Constraints

Scope Publish S21 cancel purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The cancel purchase order details from the following files are published

PMP02 Purchase order header

PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder003
RPGILE	PMD100_003

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	cancel_purchase_order_003.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	cancel_purchase_order_003.dtd	1	03/09/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions Description Type CONN
 Description Code POAD
 Description 2: 0=None, 1=Name Only, 2=Full Address

The 1st character of this parameter description controls the extent of the supplier address sent.

PIP01 – Publish controller Record required where: TTYP01 = PURORDCHG
 configuration HPRG01 = PMD100_003

Publish Cancel Purchase Order 004 Document

Identification

This Definition	def_publish_cancel_purchase_order_004	1.00	17/03/04
Connector	Publish Cancel Purchase Order 004	-	-
Connector Type	Doc.connect	-	-
Document Type	PORDCHG4	-	-
XML BOD	change_purchase_order_004	1.00	03/09/02

Scope & Constraints

Scope Overview

Publish S21 create purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The process purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

The verb associated with the BOD will be set to 'cancel' if the PO has been cancelled.

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder004
RPGILE	PMD100_004

Related Documents (Additional detail is available in the following documents)

Connector Specification

Business Process Guide

XML BOD Specification	cancel_purchase_order_004.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	cancel_purchase_order_004.dtd	1	03/09/02

Configuration

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	Description Type CONN Description Code POAD Description 2: 0=None, 1=Name Only, 2=Full Address The 1st character of this parameter description controls the extent of the supplier address sent.

PIP01 – Publish controller Record required where: TYP01 = PORDCHG4
 configuration HPRG01 = PMD100_004

Publish Change Purchase Order 003 Document

Identification

This Definition	def_publish_change_purchase_order_003	1.00	17/03/04
Connector	Publish Change Purchase Order 003	-	-
Connector Type	Doc.connect	-	-
Document Type	PURORDCHG	-	-
XML BOD	Publish_change_purchase_order_003	1.00	03/09/02

Scope & Constraints

Scope Overview

Publish S21 change purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The change purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder003
RPGILE	PMD100_003

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	change_purchase_order_003.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	change _purchase_order_003.dtd	1	03/09/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	Description Type CONN Description Code POAD Description 2: 0=None, 1=Name Only, 2=Full Address The 1st character of this parameter description controls the extent of the supplier address sent.

PIP01 – Publish controller Record required where: TYP01 = PURORDCHG
 configuration HPRG01 = PMD100_003

Publish Change Purchase Order 004 Document

Identification

This Definition	def_publish_change_purchase_order_004	1.00	17/03/04
Connector	Publish Change Purchase Order 004	-	-
Connector Type	Doc.connect	-	-

Document Type	PORDCHG4	-	-
XML BOD	change_purchase_order_004	1.00	03/09/02

Scope & Constraints

Scope Overview

Publish S21 create purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The process purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text

PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder004
RPGILE	PMD100_004

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	change_purchase_order_004.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	change _purchase_order_004.dtd	1	03/09/02

Configuration

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

Description Type CONN
 Description Code POAD
 Description 2: 0=None, 1=Name Only, 2=Full Address

The 1st character of this parameter description controls the extent of the supplier address sent.

Description Type DPPO
 Description Code PORDCHG4
 Description change

The parameter description sets the verb sent in the BOD.

PIP01 – Publish controller Record required where: TTYP01 = PORDCHG4 configuration
 HPRG01 = PMD100_004

Publish Confirm Despatch 002 Document

Identification			
This Definition	publish_confirm_despatch_002	1.00	28/0803
Connector	publish_confirm_despatch_002	-	-
Connector Type	doc.connect	-	-
Document Type	DESPNOTE	-	-
XML BOD	publish_confirm_despatch_002	1.00	12/09/02

Scope & Constraints

Scope

Overview:

Publish System21(S21) despatch note details in xml format conforming to the BOD stated above.

Dates, if passed, will be in the format YYYYMMDD and be valid

The passed key must be valid.

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Order number

Despatch note sequence

Published Details

The dispatch note details from the following files are published

INP56	Despatch note header
INP57	Despatch note detail

If applicable

INP40	Text
INP71	Lot details
OEP93	POD details
OEP50	Charges
WTP05	World trade customer details

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishConfirmDespatch002
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RPGILE	DOC910
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Related Documents (Additional detail is available in the following documents)

XML BOD Specification	confirm_despatch_002.doc	1.00	12/09/02
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XML BOD Model	System21 XML Model		
XML BOD dtd	Confirm_despatch_002.dtd	1.00	12/09/02
Configuration	doc.connect Installation Guide		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	
PIP01 – Publish controller Record required where:	TTYP01 = DESPNOTE configuration HPRG01 = DOC910

Publish Create Despatch 004 Document

Identification

This Definition	ConnectorDefinitionPublishConfirmDespatch004		
Connector	Publish Confirm Despatch	-	-
Connector Type	doc.connect	-	-
Document Type	DESPNOTE	-	-
XML BOD	confirm_despatch_004		

Scope & Constraints

Scope	<p>Overview</p> <p>Publish S21 pick note details in a structure that conforms to the XML BOD defined above .</p> <p>All passed details must be valid before any S21 details are published.</p> <p>Key must be valid</p> <p>The connector will be evoked by the doc.connect infrastructure.</p>
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Key

Company

Sales Order number

Despatch note sequence

Tests

This connector will publish either a despatch note or a pick note depending on the status of the despatch note print flag.

Published Details

The dispatch note details from the following files are published

INP56 Despatch note header

INP57 Despatch note detail

If applicable

INP40 Text

INP71 Lot details

OEP41 Credit card details

OEP93 POD details

OEP50 Charges

WTP05 World trade customer details

TPP80 Transport planning Drop/order

Constraints

Connector Objects (The following objects make up this Connector)

Java class	CreateDespatch004
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RPGILE	OED156_004
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Related Documents (Additional detail is available in the following documents)

XML BOD Specification	confirm_despatch_004.doc	1.0	08/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	confirm_despatch_004.dtd	1	08/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

Description Type CONN

Description Code NONSTOCK

Description 1: 1=do not send/receive non-stock

The 1st character of this parameter description inhibits the export and import of non-stock items. This parameter also affects the receive Confirm Ship connector.

Description Type DPGD

Description Code PNORDNTXT

Description 1: 1=pick note text, 2=despatch note text

The 1st character of this parameter description allows for the selection of either pick note or dispatch note text to be included in the output.

Description Type DPGD

Description Code DESPNOTE

Description confirm

The parameter description sets the verb sent in the BOD.

PIP01 – Publish controller Record required where: TTYP01 = DESPNOTE configuration HPRG01 = OED156_004

Publish Create Customer 003 Document

Identification

This Definition	def_publish get customer	1.00	02/10/04
Connector	Publish Create Customer	-	-
Connector Type	doc.connect	-	-
Document Type	CUSTOMER	-	-
XML BOD	create_customer_account_003	1.00	03/09/04

Scope & Constraints

Scope **Overview**
Publish S21 customer details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company
Customer
Sequence

Published Details

The customer details from the following files are published

SLP05	Customer names and addresses
OEP20	Customer Detail
SLP06	Account summary balance

If applicable

WTP05	World trade customer details
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Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishCreateCustomer003
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RPGILE	OED001_003
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Related Documents (Additional detail is available in the following documents)

Connector Specification

XML BOD Specification	get_customer_account_003.doc	1.0	03/09/04
XML BOD Model	System21 XML Model		
XML BOD dtd	create_customer_account_003.DTD	1	03/09/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File Entry

INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = CUSTOMER
configuration HPRG01 = OED001_003

Publish Create Despatch 002 Document

Identification

This Definition	def_publish create_despatch	1.00	04/03/03
Connector	Publish Create Despatch	-	-
Connector Type	Doc.connect	-	-
Document Type	PICKNOTE	-	-
XML BOD	Publish_create_despatch_002	1.00	08/07/02

Scope & Constraints

Scope

Overview

Publish S21 pick note details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Sales Order number

Despatch note sequence

Published Details

The dispatch note details from the following files are published

INP56 Despatch note header

INP57 Despatch note detail

If applicable

INP40 Text

INP71 Lot details

OEP41 Credit card details

OEP93 POD details

OEP50 Charges

WTP05 World trade customer details

TPP80 Transport planning Drop/order

Constraints

Connector Objects (The following objects make up this Connector)

Java class CreateDespatch002

RPGILE OED080_002

Related Documents (Additional detail is available in the following documents)

Connector Specification

Business Process Guide

XML BOD Specification	create_despatch_002.doc	1.0	08/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create_despatch_002.dtd	1	08/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>Description Type CONN Description Code NONSTOCK Description 1: 1=do not send/receive non-stock</p> <p>The 1st character of this parameter description inhibits the export and import of non-stock items. This parameter also affects the receive Confirm Ship connector.</p> <p>Description Type DPGD Description Code PNORDNTXT Description 1: 1=pick note text, 2=despatch note text</p> <p>The 1st character of this parameter description allows for the selection of either pick note or dispatch note text to be included in the output.</p>

PIP01 – Publish controller Record required where: TTYP01 = PICKNOTE
 configuration HPRG01 = OED080_002

Publish Create Despatch 004 Document

Identification			
This Definition	ConnectorDefinitionPublishCreateDespatch004		04/03/03
Connector	Publish Create Despatch	-	-
Connector Type	Doc.connect	-	-
Document Type	PICKNOTE	-	-
XML BOD	create_despatch_004		08/07/02

Scope & Constraints

Scope **Overview**

Publish S21 pick note details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company
 Sales Order number
 Despatch note sequence

Tests

This connector will publish either a despatch note or a pick note depending on the status of the despatch note print flag.

Published Details

The dispatch note details from the following files are published

INP56	Despatch note header
INP57	Despatch note detail

If applicable

INP40	Text
INP71	Lot details
OEP41	Credit card details
OEP93	POD details
OEP50	Charges
WTP05	World trade customer details
TPP80	Transport planning Drop/order

Constraints

Connector Objects (The following objects make up this Connector)

Java class	CreateDespatch004
RPGILE	OED156_004

Related Documents (Additional detail is available in the following documents)

Connector Specification

Business Process Guide

XML BOD Specification	create_despatch_004.doc	1.0	08/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create_despatch_004.dtd	1	08/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	Description Type CONN Description Code NONSTOCK Description 1: 1=do not send/receive non-stock
	The 1st character of this parameter description inhibits the export and import of non-stock items. This parameter also affects the receive Confirm Ship connector.
	Description Type DPGD Description Code PNORDNTXT Description 1: 1=pick note text, 2=despatch note text
	The 1st character of this parameter description allows for the selection of either pick note or dispatch note text to be included in the output.
	Description Type DPGD Description Code PICKNOTE Description create
	The parameter description sets the verb sent in the BOD.

PIP01 – Publish controller Record required where: TTYP01 = PICKNOTE
configuration HPRG01 = OED156_004

Publish Create Item 002 Document

Identification

This Definition	Publish_create_item_002	1.00	13/02/04
Connector	Publish_create_item_002	-	-
Connector Type	doc.connect	-	-
Document Type	ITEM	-	-
XML BOD	publish_create_item_002	1.00	17/04/02

Scope & Constraints

Scope Overview:

Publish System21(S21) item details in xml format conforming to the BOD stated above.

Dates, if passed, will be in the format YYYYMMDD and be valid

The passed key must be valid.

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Item

Published Details

The item details from the following files are published

INP35 Item master

If applicable

INP40 Text

INP50 Search Family code

INP65 Kits

Identification

This Definition	Publish_create_item_stockroom_001	1.00	17/11/04
Connector	Publish_create_item_stockroom_001	-	-
Connector Type	doc.connect	-	-
Document Type	ITEMSTKRM	-	-
XML BOD	publish_create_item_stockroom_001	1.00	20/07/02

Scope & Constraints

Scope Overview:

Publish System21(S21) item stockroom details in xml format conforming to the BOD stated above.

Dates, if passed, will be in the format YYYYMMDD and be valid

The passed key must be valid.

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Stockroom

Item

Published Details

The item stockroom details from the following files are published

INP65 Item Stockroom details

INP35 Part details

OEP80 Depot

If applicable

INP63 Landed costs

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishCreateItemStockroom001
RPGILE	IND005_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_item_stockroom_001.doc	1.00	20/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create_item_stockroom_001.dtd	1.00	20/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = ITEMSTKRM
configuration HPRG01 = IND005_001

Publish Create Purchase Order 003 Document

Identification

This Definition	def_publish_create_purchase_order_003	1.00	17/03/04
Connector	Publish Create Purchase Order 003	-	-
Connector Type	doc.connect	-	-
Document Type	PURCHORDER	-	-

XML BOD	publish_create_purchase_order_003	1.00	03/09/02
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Scope & Constraints

Scope Overview

Publish S21 create purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The create purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification

Publish Connectors

PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder003
RPGILE	PMD100_003

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_purchase_order_003.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create _purchase_order_003.dtd	1	03/09/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	Description Type CONN Description Code POAD Description 2: 0=None, 1=Name Only, 2=Full Address The 1st character of this parameter description controls the extent of the supplier address sent.

PIP01 – Publish controller Record required where: TTYP01 = PURCHORDER
configuration HPRG01 = PMD100_003

Publish Create Purchase Order 004 Document

Identification

This Definition	def_publish_create_purchase_order_004	1.00	17/03/04
Connector	Publish Create Purchase Order 004	-	-
Connector Type	Doc.connect	-	-
Document Type	PORDCRT4	-	-
XML BOD	create_purchase_order_004	1.00	03/09/02

Scope & Constraints

Scope Overview

Publish S21 create purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The process purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder004
RPGILE	PMD100_004

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_purchase_order_004.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	create _purchase_order_004.dtd	1	03/09/02

Configuration

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	Description Type CONN Description Code POAD Description 2: 0=None, 1=Name Only, 2=Full Address
	The 1st character of this parameter description controls the extent of the supplier address sent.
	Description Type DPPO Description Code PORDCRT4 Description create
	The parameter description sets the verb sent in the BOD.

PIP01 – Publish controller Record required where: TTYP01 = PORDCRT4
configuration HPRG01 = PMD100_004

Publish Create Supplier 002 Document

Identification

This Definition	def_publish_process_sales_invoice-002	1.00	08/07/03
Connector	Publish Supplier 002	-	-
Connector Type	Doc.connect	-	-
Document Type	SUPPLIER	-	-
XML BOD	Create_supplier_002	1.00	22/12/05

Scope & Constraints

Scope Overview

Publish S21 supplier details in a structure that conforms to the XML BOD defined

above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Supplier

Delivery sequence

Published Details

The supplier details from the following files are published

PLP05 Supplier names and addresses

If applicable

FLPUK2 Vat codes

CSP45 Payment method

PLP30 Text

T1P1A Trading partner contact

WTP10 World trade supplier details

Constraints

Connector Objects (The following objects make up this Connector)

Java class PublishCreateSupplier002

RPGILE PLD005_002

Related Documents (Additional detail is available in the following documents)

XML BOD Specification create_supplier_002.doc 1.0 22/12/05

XML BOD Model System21 XML Model

XML BOD dtd	create_supplier_002.dtd	1	22/12/05
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	
PIP01 – Publish controller Record required where: configuration	TTYP01 = SUPPLIER HPRG01 = PLD005_002

Publish Output Stock Balance 002 Document

Identification

This Definition	def_publish_output_stock_balance_002	1.00	16/03/06
Connector	Publish Output Stock Balance 002	-	-
Connector Type	Doc.connect	-	-
Document Type	STOCKBAL	-	-
XML BOD	publish_output_stock_balance_002	1.00	11/01/06

Scope & Constraints

Scope Overview

Publish S21 stock balance details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Details are processed from file DOC01WL1

Published Details

The stock balance details from the following files are published

INP35	Item master
INP60	Stockroom details

If applicable

INP80	Lot balance
INP84	Lot header

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishOutputStockBalance002
RPGILE	IND013_002 IND013X012 IND013PRE IND013TRIG

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	publish_output_stock_balance_002.doc
XML BOD Model	System21 XML Model
XML BOD dtd	output_stock_balance_002.dtd
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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Company
Price list code

Published Details

The price list details from the following files are published

OEP75	Price list profile
OEP80	Price list detail
INP35	Parts master

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPriceList001
RPGILE	OED003_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	create_price_list_001.doc	1.0	08/09/01
XML BOD Model	System21 XML Model		
XML BOD dtd	create_price_list_001.dtd	1	08/09/01
Configuration	doc.connect Installation Guide		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory
Descriptions

PIP01 – Publish controller Record required where: TTYP01 = PRICLIST
configuration HPRG01 = OED003_001

Publish Process Asn 001 Document

Identification			
This Definition	Publish_process_asn	1.00	03/11/05
Connector	Publish_process_asn	-	-
Connector Type	doc.connect	-	-
Document Type	ASN	-	-
XML BOD	process_ASN_001	1.00	12/04/05

Scope & Constraints

Scope Overview:

Publish System21(S21) advance shipment notification details in xml format conforming to the BOD stated above.

Dates, if passed, will be in the format YYYYMMDD and be valid

The passed key must be valid.

The connector will be evoked by the doc.connect infrastructure.

Key

Company

ASN

Published Details

The ASN details from the following files are published

AGP10	ASN header
AGP20	ASN line detail
AGP30	ASN batch details

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishProcessASN001
RPGILE	AGD001_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_ASN_001.doc	1.00	12/04/05
XML BOD Model	System21 XML Model		
XML BOD dtd	process_ASN_001.dtd	1.00	12/04/05
Configuration	doc.connect Installation Guide		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = ASN
configuration HPRG01 = AGD001_001

Publish Process Bulk Pick 001 Document

Identification

This Definition	ConnectorDefinitionPublishProcessBulkPick001	-	-
Connector	Publish Process Bulk Pick	-	-
Connector Type	doc.connect	-	-
Document Type	TPPNBULK	-	-

XML BOD	process_bulk_pick_001.dtd	-	-
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Scope & Constraints

Scope

Overview

Publish S21 transport planning bulk pick note details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Transport Planning Company

Sales Order Company

Stockroom

Load Number

Bulk Despatch Number

Published Details

Load details from the following files are published

TPP01 Transport centre

TPPWY Bulk pick list header

TPPWX Bulk pick list details

The dispatch note details from the following files are published

INP56 Despatch note header

INP57 Despatch note detail

If applicable

INP40 Text

INP71 Lot details

OEP41 Credit card details

OEP93 POD details

OEP50	Charges
WTP05	World trade customer details
TPP80	Transport planning Drop/order

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishProcessBulkPick001
RPGILE	TPD156_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_bulk_pick_001.doc		
XML BOD Model	System21 XML Model		
XML BOD dtd	process_bulk_pick_001.dtd	1	08/07/02
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

Description Type CONN

Description Code NONSTOCK

Description 1: 1=do not send/receive non-stock

The 1st character of this parameter description inhibits the export and import of non-stock items. This parameter also affects the receive Confirm Ship connector.

Description Type DPGD

Description Code PNORDNTXT

Description 1: 1=pick note text, 2=despatch note text

The 1st character of this parameter description allows for the selection of either pick note or dispatch note text to be included in the output.

PIP01 – Publish controller Record required where: TTYP01 = TPPNBULK configuration HPRG01 = TPD156_001

Publish Process Service Job 003 Document

Identification

This Definition	def_publish_process_service_job_003	1.00	18/01/06
Connector	Publish Process Service Job 003	-	-
Connector Type	Doc.connect	-	-
Document Type	JOBTASK	-	-
XML BOD	publish_process_service_job_003	1.00	04/01/06

Scope & Constraints

Scope Overview

Publish S21 service job details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Job number

Published Details

The service job details from the following files are published

EQP54	Service header
EQP55	Service equipment
EQP57	Call history
EQP15	Job category
EQP30	Model
EQP32	Model Group
EQP16	Model sub group
EQP24	Engineer
EQP75	Division
INP35	Item master
SLP05	Customer names and addresses
EQP21	Customer master file

If applicable

EQPEI	Call reporting fault codes
EQPEC	Fault hierarchy
EQPE4	Parts demand
EQPES	Parts report
EQP06	Address override
EQP64	Contract type
EQPA7	Contract cover type
OEP75	Standard price list
OEP15	Advanced pricing profile
EQP11	Text

EQP53	Job financial
FAP20	Base assets
EQP70	Asset group header

Connector Objects (The following objects make up this Connector)

Java class	PublishProcessServiceJob003
RPGILE	EQD105_003

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_service_job_003.doc	1.0	11/01/06
XML BOD Model	System21 XML Model		
XML BOD dtd	process_service_job_003.dtd	1	11/01/06
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory
Descriptions

PIP01 – Publish controller Record required where: TTYP01 = JOBTASK
configuration HPRG01 = EQD105_003

Publish Process Lot Status 001 Document

Identification

This Definition	def_process_lot_status	1.00	15/12/05
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Connector	Publish Lot Status	-	-
Connector Type	Doc.connect	-	-
Document Type	LOTSTATUS	-	-
XML BOD	Process_lot_status_001	1.00	15/12/05

Scope & Constraints

Scope

Overview

Publish S21 lot status details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Item

Lot/Batch

Published Details

The lot status details from the following files are published

INP84 Batch header file

INP35 Parts

If applicable

INP89 Grade history

Constraints

Connector Objects (The following objects make up this Connector)

Java class	ProcessLotStatus001
RPGILE	IND011_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_lot_status_001.doc	1.0	15/12/05
XML BOD Model	System21 XML Model		
XML BOD dtd	process_lot_status_001.dtd	1	15/12/05
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory
Descriptions

PIP01 – Publish controller Record required where: TTYP01 = LOTSTATUS
configuration HPRG01 = IND011_001

Publish Process Purchase Order 003 Document

Identification

This Definition	def_publish_process_purchase_order_003	1.00	17/03/04
Connector	Publish Process Purchase Order 003	-	-
Connector Type	Doc.connect	-	-
Document Type	PURCHORD	-	-
XML BOD	Publish_process_purchase_order_003	1.00	03/09/02

Scope & Constraints

Scope Overview

Publish S21 process purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The process purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder003
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RPGILE	PMD100_003
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Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_purchase_order_003.doc	1.0	03/09/02
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XML BOD Model	System21 XML Model
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XML BOD dtd	process _purchase_order_003.dtd	1	03/09/02
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Configuration

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	Description Type CONN Description Code POAD Description 2: 0=None, 1=Name Only, 2=Full Address The 1st character of this parameter description controls the extent of the supplier address sent.

PIP01 – Publish controller Record required where: TYP01 = PURCHORD
 configuration HPRG01 = PMD100_003
 HPRE01 = DOC602

Publish Process Purchase Order 004 Document

Identification

This Definition	def_publish_process_purchase_order_004	1.00	17/03/04
Connector	Publish Process Purchase Order 004	-	-
Connector Type	Doc.connect	-	-
Document Type	PORDPRC4	-	-
XML BOD	process_purchase_order_004	1.00	03/09/02

Scope & Constraints

Scope Overview

Publish S21 process purchase order details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Purchase order number

Published Details

The process purchase order details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
INP35	Part master
PLP05	Supplier names and addresses
INP20	Stockroom details
PMP05	Purchasing stockrooms
PMP06	Planner
PMP09	PM transactions
FLPUK2	VAT codes

If applicable

PMP04	Landed costs
PMP45	Override addresses
PMP11	Purchasing text
PMP08	Item specification
PMP20	Order extension
WTP40	WT country
WTP80	WT purchase order override

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrder004
RPGILE	PMD100_004

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_purchase_order_004.doc	1.0	03/09/02
XML BOD Model	System21 XML Model		
XML BOD dtd	process _purchase_order_004.dtd	1	03/09/02
Configuration			

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	<p>Description Type CONN Description Code POAD Description 2: 0=None, 1=Name Only, 2=Full Address</p> <p>The 1st character of this parameter description controls the extent of the supplier address sent.</p> <p>Description Type DPPO Description Code PORDPRC4 Description process</p> <p>The parameter description sets the verb sent in the BOD.</p>

PIP01 – Publish controller Record required where: TYP01 = PORDPRC4
 configuration
 HPRG01 – PMD100_004
 HPRE01 = DOC602

Publish Purchase Order Receive 004 Document

Identification

This Definition	def_publish_purchase_order_receive_004	1.00	16/03/06
Connector	Publish Purchase Order Receive 004	-	-
Connector Type	Doc.connect	-	-
Document Type	GRN	-	-
XML BOD	publish_purchase_order_receive_004	1.00	11/01/06

Scope & Constraints

Scope Overview

Publish S21 purchase order receive details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Stockroom/Warehouse

GRN

Published Details

The purchase order receive details from the following files are published

PMP02	Purchase order header
PMP03	Purchase order lines
IINP20	Stockroom details

If applicable

PMP14	Landed costs
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Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrderReceive004
RPGILE	PMD200_004

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	receive_purchase_order_004.doc	1.0	11/01/06
XML BOD Model	System21 XML Model		
XML BOD dtd	receive _purchase_order_004.dtd	1	11/01/06
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = GRN
 configuration HPRG01 = PMD200_004

Publish Purchase Order Return 003 Document

Identification			
This Definition	def_publish_purchase_order_return_003	1.00	08/07/03
Connector	Publish Purchase Order Return 003	-	-
Connector Type	Doc.connect	-	-
Document Type	PURREJECT	-	-
XML BOD	Publish_purchase_order_return_003	1.00	11/01/06

Scope & Constraints

Scope Overview

Publish S21 purchase order return details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company
Debit note number

Published Details

The purchase order return details from the following files are published

PMP09 Purchase management transactions

INP20 Stockroom details

FLPUK2 VAT codes

If applicable

FLP083 Currency details

WTP40 World trade country file

PMP20 Landed costs

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishPurchaseOrderReturn003
RPGILE	PMD005_003
PRTF	PMD005PT

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	return_purchase_order_003.doc	1.0	11/01/06
XML BOD Model	System21 XML Model		
XML BOD dtd	return_purchase_order_003.dtd	1	11/01/06
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File Entry

INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TYP01 = PURREJECT
 configuration HPRG01 = PMD005_003

Publish Remittance Advice 001 Document

Identification

This Definition	def_publish_remittance_advice_001	1.00	08/07/03
Connector	Publish Remittance Advice 001	-	-
Connector Type	Doc.connect	-	-

Document Type	REMITTANCE	-	-
XML BOD	Publish_remittance_advice_001	1.00	11/05/04

Scope & Constraints

Scope Overview

Publish S21 remittance advice details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Payment reference

Published Details

The remittance details from the following files are published

PLP45	Payment header
PLP50	Payment details
PLP15	Items
PLP05	Supplier names and addresses
CSP11	Bank details
FLP083	Currency details
CSP45	Payment methods

Constraints

Scope & Constraints

Scope Publish S21 sales invoice/credit details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company
Credit note number

Published Details

The sales invoice/credit details from the following files are published

OEP65	Sales invoice header
OEP70	Sales invoice lines
SLP05	Customer names and addresses

If applicable

INP20	Stockroom
OEP80	Depot
FLPUK2	Vat codes
INP35	Parts master
FLP082	Currency conversion
CSP35	Cash discount header
CSP45	Payment method
OEP15	Advanced pricing profile
OEP56	Pricing override
OEP73	Pricing results
OEP50	Charges
INP40	Text
OEP75	Price list profile
OEP93	POD confirmation details
DOCA2	Invoice settlement discount

DOCA3	Invoice extended terms
DOCA4	Extended terms details
DOCA5	Invoice printed details

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishProcessSalesInvoice002
RPGILE	OED902_002

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_sales_invoice_002.doc	1.0	15/06/04
XML BOD Model	System21 XML Model		
XML BOD dtd	process_sales_invoice_002.dtd	1	15/06/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TYP01 = CREDITNOTE
 configuration HPRG01 = OED902_002
 HPRE01 = DOC604

Publish Sales Invoice 002 Document

Identification

This Definition	def_publish_process_sales_invoice-002	1.00	08/07/03
Connector	Publish Sales Invoice 002	-	-
Connector Type	Doc.connect	-	-

Document Type	INVOICE	-	-
XML BOD	process_sales_invoice_002	1.00	15/06/04

Scope & Constraints

Scope Publish S21 sales invoice/credit details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company
Invoice number

Published Details

The sales invoice/credit details from the following files are published

OEP65	Sales invoice header
OEP70	Sales invoice lines
SLP05	Customer names and addresses

If applicable

INP20	Stockroom
OEP80	Depot
FLPUK2	Vat codes
INP35	Parts master
FLP082	Currency conversion
CSP35	Cash discount header
CSP45	Payment method
OEP15	Advanced pricing profile
OEP56	Pricing override
OEP73	Pricing results
OEP50	Charges

INP40	Text
OEP75	Price list profile
OEP93	POD confirmation details
DOCA2	Invoice settlement discount
DOCA3	Invoice extended terms
DOCA4	Extended terms details
DOCA5	Invoice printed details

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishProcessSalesInvoice002
RPGILE	OED902_002

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_sales_invoice_002.doc	1.0	15/06/04
XML BOD Model	System21 XML Model		
XML BOD dtd	process_sales_invoice_002.dtd	1	15/06/04
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TYP01 = INVOICE
configuration HPRG01 = OED902_002
HPRE01 = DOC604

Publish Service Engineer 001 Document

Identification

This Definition	def_publish_service_engineer_001	1.00	08/04/06
Connector	PublishServiceEngineer001	-	-
Connector Type	Doc.connect	-	-
Document Type	TECHNICIAN	-	-
XML BOD	create_service_engineer_001	1.00	11/05/06

Scope & Constraints

Scope Overview

Publish details of a service engineer/technician that conforms to the publish_service_engineer_001.dtd

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Engineer Number

Published Details

The service engineer details from the following files are published

EQP24 – Engineer details

EQP12 – Parameters file

EQP16 – Model sub group

EQP29 – Alternative engineer

EQP30 – Model master

EQP32 – Model family

EQP62 – Engineer assignment

EQP75 – Division

EQJ15 – Job category

INP20 – Stockroom details

OEP90 - Depot details

PLP05 - Supplier details

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishServiceEngineer001
RPGILE	EQD100_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification		1.0	11/05/06
XML BOD dtd	create_service_engineer_001.DTD	1	11/05/06
Configuration	doc.connect Installation		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = TECHNICIAN
configuration HPRG01 = EQD100_001

Publish Process Stock Movement 001 Document

Identification

This Definition	Publish_process_stock_movement_001	1.00	13/02/04
Connector	Publish_process_stock_movement_001	-	-

Connector Type	doc.connect	-	-
Document Type	STOCKMVT	-	-
XML BOD	publish_process_stock_movement_001	1.00	04/07/02

Scope & Constraints

Scope Overview:

Publish System21(S21) stock movement details in xml format conforming to the BOD stated above.

Dates, if passed, will be in the format YYYYMMDD and be valid

The passed key must be valid.

The connector will be evoked by the doc.connect infrastructure.

Key

Company

Serial number

Published Details

The stock movement details from the following files are published

INP95 Stock movements file

INP35 Part details

INP20 Stockroom details

If applicable

INP84 Lot header details

INP80 Lot balances

INP65 Kits

OEP80 Depot

ASP20 Pack type

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishStockMovement001
RPGILE	IND004_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	Process_stock_movement_001.doc	1.00	04/07/02
XML BOD Model	System21 XML Model		
XML BOD dtd	Process_stock_movement_001.dtd	1.00	04/07/02
Configuration	doc.connect Installation Guide		

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
INP15 Inventory Descriptions	
PIP02 – Receive controller configuration	Record required where: TTYP01 = STOCKMVT HPRG01 = IND004_001

Publish Stock Transfer Document

Identification

This Definition	def_stock_transfer_publish	1.00	02/03/05
Connector	Publish Stock Transfer	-	-
Connector Type	Doc.connect	-	-
Document Type	STOCKTRF	-	-
XML BOD	process_stock_transfer_001	1.00	04/07/02

Scope & Constraints

Scope **Overview**
 Publish S21 stock transfer details in a structure that conforms to the XML BOD defined above .

All passed details must be valid before any S21 details are published.

Key must be valid

The connector will be evoked by the doc.connect infrastructure.

Key

Company
 Order number
 Despatch note sequence

Published Details

The stock transfer details from the following files are published

INP05	Stock in transit file
INP20	Stockroom
OEP80	Depot
INP35	Parts
SLP05	Customer names & addresses
INP96	Stock movements
DYP10	Delivery document

If applicable

WHP40	Packaging code specifications
DRP24	Stockroom/Customer
ASP20	Pack types
ASP26	Names & addresses

Constraints

Connector Objects (The following objects make up this Connector)

Java class	PublishStocktransfer001
RPGILE	IND007_001

Related Documents (Additional detail is available in the following documents)

XML BOD Specification	process_stock_transfer_001
XML BOD Model	System21 XML Model
XML BOD dtd	process_stock_transfer_001
Configuration	doc.connect Installation Guide

Data Requirements (The following data must be prepared to complete the System21 XML document)

File	Entry
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INP15 Inventory Descriptions

PIP01 – Publish controller Record required where: TTYP01 = STOCKTRF
configuration HPRG01 = IND007_001
