Release

Y22Q3

RELEASE
NOTES

ASPECT4 Logistics

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Let's go further

ASPECT4 Logistics Release Y22Q3

Highlights

Purchase Management

Retrieve Purchase Prices using Field Control Identities.

Release Y22Q3 includes a new call-program that can be used to retrieve purchase prices using Field Control Identities. This way purchase prices can be shown in applications where it might be useful to the users. Please see the release notes for instructions to use the call-program and field control identity.

Completion of subsupplier purchase orders.

We now validate on the purchase order that it is not possible to complete a subsupplier purchase order via the purchase order header. Previously if a user unintentionally completed a subsupplier purchase order it was not possible to reopen the order.

Other changes

In Print Historical Holding (9404) the possibility to calculate using Simulation Prices have been added.

Most production order tables have been expanded with fields for individual use.

Several tables have been expanded with new change log fields as part of the process of modernization of ASPECT4 – including preparing the conversion to java-based applications.

New features and functionalities

Description	Key
EDI Goods Receipt EDI Receipt Journal - Goods Receipt (7170) has been added to ASPECT4 Logistics. The application is used to store and maintain data received from Electronic Goods Receipts. The application contains a journal for each received goods receipts. Any errors from receiving or updating data will be listed and it is possible to correct these. It is also possible to transfer EDI Goods receipts to Receipts transactions manually.	A4-8756
Warehouse Management - Marking items for forced count It is now possible to mark items for a forced count / stock taking. This can be done by registrering the item in Forced Count (9130). It is also possible to setup shortcuts to register a forced count. This can done in System Parameter Application Dependent Shortcuts (SHORTAPP) by copying the shortcut for application 9145 to the application number where you would like the option to be available. A Forced Count can be requested for either all warehouse areas or a specific warehouse area. If all warehouses are requested, stock taking journals will only be created for warehouse areas where the item has a stock holding. Stock taking journals for Forced Counts are build using application Stock Taking Lise Forced and Cycle Count (9267) by selecting Yes to Include Forced Count Items. There will be information about how many Forced Counts are created.	A4-12250

Production Management - Extra fields production orders

A number of new fields in the Production Order tables are now available for individual use.

The following tables have been changed:

Production Order Headers (PROHTBL)

Field name	Description	Format
PROHWRK1S… PROHWRK5S	Yes/No1… Yes/No5	Yes/No
PROHWRK1D… PROHWRK5D	Date 1… Date 5	Date
PROHWRK1A… PROHWRK5A	Alpha 1… Alpha 5	60 characters
PROHWRK1N… PROHWRK5N	Numeric 1… Numeric 5	9 digits
PROHWRK1Q… PROHWRK5Q	Quantity 1… Quantity 5	13 digits with 5 dec.
PROHWRK1AM… PROHWRK5AM	Amount 1… Amount 5	11 digits with 2 dec.

A4-12698

Production Order Operations (PROOTBL)

Field name	Description	Format
PROOWRK1S… PROOWRK5S	Yes/No1… Yes/No5	Yes/No
PROOWRK1D… PROOWRK5D	Date 1… Date 5	Date
PROOWRK1A… PROOWRK5A	Alpha 1… Alpha 5	60 characters
PROOWRK1N… PROOWRK5N	Numeric 1… Numeric 5	9 digits
PROOWRK1Q… PROOWRK5Q	Quantity 1… Quantity 5	13 digits with 5 dec.
PROOWRK1AM… PROOWRK5AM	Amount 1… Amount 5	11 digits with 2 dec.

Production Order Capacity Resources (PROKTBL)

Field name	Description	Format
PROKWRK1S… PROKWRK5S	Yes/No1… Yes/No5	Yes/No
PROKWRK1D… PROKWRK5D	Date 1… Date 5	Date
PROKWRK1A… PROKWRK5A	Alpha 1… Alpha 5	60 characters
PROKWRK1N… PROKWRK5N	Numeric 1… Numeric 5	9 digits
PROKWRK1Q… PROKWRK5Q	Quantity 1… Quantity 5	13 digits with 5 dec.
PROKWRK1AM… PROKWRK5AM	Amount 1… Amount 5	11 digits with 2 dec.

Production Order Stock Item Resources (PROLTBL)

Field name	Description	Format
PROLWRK1S… PROLWRK5S	Yes/No1… Yes/No5	Yes/No
PROLWRK1D… PROLWRK5D	Date 1… Date 5	Date
PROLWRK1A… PROLWRK5A	Alpha 1… Alpha 5	60 characters
PROLWRK1N… PROLWRK5N	Numeric 1… Numeric 5	9 digits
PROLWRK1Q… PROLWRK5Q	Quantity 1… Quantity 5	13 digits with 5 dec.
PROLWRK1AM… PROLWRK5AM	Amount 1… Amount 5	11 digits with 2 dec.

Use in a customer environment

If you want to use one or more of the free fields, do the following:
• Field Help (9193) is created in the customer's language (7*).
• Label Texts and Column Headings (9061) are created in the customer's language (7*) for Ref.Ident (= Field name).

• If validation in relation to System Parameters (90XX) is required, create a validation using the parameter name preceded by X. • For "Work with" and "Display" applications in which you want to display the field, create/edit Field Overrides (9160) for the relevant Field Definitions. If you want to use an Alfa 1 field as a Y/N field, change the type to 82. • For a batch application in which you want to use the field, change the Field Definition (9170). • If replication of item master data between companies is used, a setup has to be added in the Intercompany Setup (9190).	
Production Management - Time based Material check and reservation A new time based way of calculating material check in production is added to ASPECT4 Logistics. The time based material check can be switched on in system parameter Version for Material Profile Enquiries - 2nd part (MATPROF2). The time based material check check is done in to steps. First step is to check if there is a shortage for the item at the required time. The difference to the normal material check is that an item will only be marked with shortage when there is no available stock holding left whereas the normal check marks or-ders with shortage if stock holding is below 0 at any time in the material profile. The second step is the calculation of the possible material date. This is only done when there is a shortage. The time based material check offers the possibility to calculate a possible material date with a different material profile version. This can be useful if you want to include more stock holdings (e.g., inbound warehouse) and orders in the material profile. In the time based material check production orders with status fixed (20) or higher are regarded as reserved and as a consequence they are prioritized compared to orders that are not yet fixed but with planned date before. Two new material profile versions PMATTIME and PMATTIM2 are part of this release. These are our best practice setup for material check in production.	A4-12699

Production Management - Automatic Material Check

A new automatic material check for production orders is part of this release.

As a part of this solution new fields have been introduced to the production order header and item lines. Fields on the header will display the number of item lines that are in shortage split on purchased and manufactured items. Purchased items are items with order type 4X on the basic item information. The Production Order Header also contains an earliest material date. The production order item lines have new fields showing the quantity available at the required date and time. If there is a shortage, then quantity will be highlighted with an orange color and a possible material date is calculated. The latest possible material date across the lines of an order is the earliest material date on the order header. No possible material date will be shown as 00.00.00.

The automatic material check for production orders is done by application Start Recalculate Key Processes (8222). This is a never-ending application that must be running to perform the automatic material check. When the application is started it is possible to select to recalculate the material check for all production orders (type 50). This can be useful the first time the application has been run or if changes to master data where trigger has stopped the automatic recalculation. The application can be stopped with application Stop Recalculate Key Processes (8223). We recommend that the application is set to run during work hours using the job scheduling system (0160). However, if you at specific times carry out heavy planning tasks that involves e.g. rescheduling of a lot of orders it can be suitable to disable the application during this time and then restart it once the planning is done. The material profile version used for the calculation is setup in system parameter Allocation Automatic Version (MATPROFD) in the field Version material reservation production. The default setup supplied with this release is version PMATTIME which uses the new time based material check.

The automatic material check is triggered by changes to the database that are handled by the Onward Processing (9189). In Onward Processing (9189) the group RECAL contains the conditions for triggering an update. Triggers are attached to the following tables with the relevant Onward Processing group

Table	Description	Onward Processing group
LABETBL	Stock Holdings	RECALCLABE
ORDLTBLI	Purchase Order Lines	RECALCORDLI
ORDLTBLS	Sales Order Lines	RECALCORDLS

PROLTBL	Production Order Stock Item Resources	RECALCPROL	
Changes that are not related to these tables and Onward Processing definitions will not trigger an automatic material check. Such changes could be masterdata changes. In this situation a recalculation of all orders using application Recalculate Key Processes (8222) is needed.			
Completion of subsupplier purchase order We now validate on the purchase order that it is not possible to complete a subsupplier purchase order via the purchase order header.			A4-13538
Print Historical Holding (9404) Print Historical Holding can now be calculated using Simulation Prices			A4-13563
Extension with new changelog fields A number of tables have been expanded with new changelog fields, and those that were already released with Y22Q2 have had their usernames changed to now be able to contain up to 128 characters.			A4-14165

CALLPGM to fetch current purchase price
 	
A call-program ZCPINDKPR has been developed to retrieve a purchase price for field control identity.
As an example, field management identity GETPURPRI has been created, which can be used to fill in data for a numeric field, which must be defined for the purpose of relevant field definitions.
The new CALLPGM and field control identity only support basic purchase prices and thus not variant purchase prices.
 	
The new CALLPGM can be called with the following parameters, where item number is mandatory:
 	
1. Item number
2. Supplier - If blank, the primary supplier of the purchase item is used
3. Date - If 0/blank, then applicable net price per today
4. Quantity in purchasing unit - If zero then quantity is set in the same way as 9231 (See below)
5. Currency
   1. If blank, the applicable price is returned in the supplier's currency
   2. If *SYS, then current price in system currency is returned
   3. If specific, then the applicable price is returned in the specified currency
 	
The new CALL program retrieves the net price in the same way as the application Calculate Cost for Purchase Items (9231) with regard to quantity, priority, etc.
 	
Cf. operating instructions:
 	
If the price list price is used as the basic price, the basic purchase price that is found has been adjusted for any purchase corrections and purchase discounts. When looking up the price list price, the primary supplier from the item purchase information is used. The price list price is looked up with a quantity equal to the highest value of the item's unit order size or the minimum order size. If this is zero, the indicated purchase price is used.
	A4-14276

Reported errors and inconveniences

Client Release Notes Translated1	Nøgle
Feature information and replication A change has been made to the maintenance of item features. Until now, they have been able to be created, edited and deleted, regardless of which company you are in, and independent of ownership of items. This could give something inconsistent in terms of replication between companies. It is thus that feature information is to be regarded as an extension of the actual item number. It has therefore been tightened up so that maintenance is only allowed in the company that owns the basic product (provided the field value is $<> 0$). Thereby, the feature information will be replicated around and processed via defined replication rules in other companies.	A4-10912
Production Models (9121) F4 option in ordering arrangement model variant has been removed.	A4-12220
Stock transfer in 9M55 app Scanning an Item Number including options then options are included in the stock transfer.	A4-13050
Current holdning Summing of current holding is now done correctly if many warehouses.	A4-13280
Change of Cost Price Method (9240) The application must be based on the current std. price and may not apply new prices When changing the cost price method, an incorrect search was made via current, historical or new. It has now been changed so that it is only searched via the current cost price.	A4-13471
Delay in graph with many similar day/time in material profile If the material profile contains several lines with the same day/time and it is at 24:00, then the graph was not formed with unambiguous entries. This caused an error in the client which slowed down the display.	A4-13595

Errors in cost price calculation After a previous change in cost price calculation, it has been possible to select according to the status of the item for which it is to be calculated. This was not introduced in costing calculation from configuration. This caused a program error. It has now been changed so that cost calculation is again possible in this situation.	A4-13603
Complete Service Order is looping In special cases, a loop could occur when completing a Service Order. However, only if continuous invoicing is used.	A4-13706
Breakdown by refreshing lists In a few cases, a crash could occur when refreshing lists after other lists have been displayed. This could occur when data was sent to hidden columns, e.g. to hidden fields with aliases. The risk was greatest in cockpits, where there are several lists.	A4-13811
System parameter EDI6063L cannot be maintained If data was maintained under this system parameter, field values in the qualifier were overwritten, just as the designation could also contain strange characters. The reason was that the designation field was not defined as unicode (type G) and that the field was not set up to be language controlled (text type U). Both field values are now corrected and then data can be maintained. The system parameter should be maintained after the change. Data in the field with the designation cannot be seen after the change and therefore the recommendation is that they be corrected in place.	A4-13903
Move allocations could be wrong System-wise, there are some situations where allocations are not updated correctly when processing inventory transactions. A general tightening has been made so that any allocations are moved at the same time as the warehouse transaction is systemically updated, where previously there could have been a time difference.	A4-13913
Positioning in "slave" no longer works In previous correction had occurred an error in the cockpits, where in a slave only wanted to position himself in a list derived from designation in the master.	A4-13926
Filtering on the Yes/No column (slider switch) in the cockpits gave an empty list If you filter in a list in a cockpit on a Yes/No column with sand or false, then the list became empty.	A4-13927

List of models is empty Under certain circumstances, an incorrect data handling method is found in relation to tables. It has arisen in connection with a previous conversion where too few items were created for the Intercompany Setup application (9190). Therefore, with this task, any new items.	A4-13956
Lock of record after validation errors when adjusting sales and purchase price lists and cost prices In certain validation errors during adjustment (eg when adjusting based on the basic sales price, and this does not exist), the price record was left physically locked. This could prevent others from accessing the update record. The lock could occur in the applications.	A4-14583
Goods Receipt (7170 and ZTIETILTIT) Due to a previous change in relation to EDI Receipts Transactions (7169), where application-dependent data from EDI Receipt Journal - Goods Receipt (7170) was erroneously used. It has now changed so that the EDI Invoice Receipt just like before uses application dependent data from EDI Receipts Transactions (7169),	A4-14962
Goods Receipts fails When we made extension of tables with new fields, there was a logical file which was used in Receipt Transactions, including Goods Receipt, which was not extended. This caused some errors. The file in is expanded with these fields.	A4-15067

Technical Notes

Prerequisites
•   ASPECT4 Foundation release Y22Q2 need to be installed.
•   ASPECT4 Logistics release Y22Q2 need to be installed.
The above conditions can be investigated via application 0361 'Display of system level information'.
Installation activities before loading
•   Sign-on and receive the forwarded shipment via application 0590 'Install ASPECT4 software'.
•   After receive sign-off.
•   Before installation all automatic jobs shall be stopped (e.g. appl. 6650).
Installation activities after loading
•   Sign-on and run application 0690 'Conversion runs' - need to be done in all companies.
•   After converting sign-off.
•   Any additional language packets received for ASPECT4 Logistics are installed.
•   Any additional program shipments received with special software for ASPECT4 Logistics will be installed.
•   The system is now ready for use with ASPECT4 Logistics Release Y22Q3.