

PipeChain Release Notes 4.4.0

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1 WELCOME

PipeChain is a software system that automates the flow of goods between companies, in production, between production and sales within a company.

Website: www.pipechain.com

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NOTICE

Information in this document is subject to change without notice.

2 UPGRADE TO VERSION 4.4.0

Here are actions for what to do before and after installation of PipeChain 4.4.0. Document describing how to install PipeChain 4.4.0 can be found at Customer login at www.pipechain.com - [Flow on demand](#)

Actions before upgrading to PipeChain 4.4.0

Before upgrading to PipeChain 4.4.0 from a previous version than 4.3, please follow the instructions in release notes for all previous releases of PipeChain that you need to check. See www.pipechain.com for earlier release notes.

PipeChain Analyzer 4.4.0 does NOT support SQL Server 2000. SQL Server 2005 or SQL Server 2008 is required.

Actions after upgraded to PipeChain 4.4.0

This applies if your installation uses PipeChain Analyzer:

If your PipeChain Analyzer installation runs on a 32-bit server, a low level Analysis Services error will occur if

- you use the dimension "Business Nodes with Sites"
- you use the Inventory Week cube

The dimension "Business Nodes per Site" and the cube "Inventory Month" will however be fully useful.

This error will not be fixed by Microsoft, thus it requires a major workaround. This will hopefully be released soon, but in a later version.

If your PipeChain Analyzer installation runs on a 64-bit server, this error will not occur.

Follow the upgrade instructions in the online (<http://www.pipechain.com/>) PipeChain Administrators manual. You need a customer login to access this.

Note that the PipeChain version must be 4.4.0 SP08 or later.

3 RELEASE NOTES PIPECHAIN 4.4.0

Release notes is a list of all new functions and corrections made in PipeChain 4.4.0. The list also includes all new functions and corrections delivered in service packs in PipeChain 4.3.0.

The new functions and corrections are marked as (4.4.0). The service packs functions and corrections delivered in PipeChain 4.3.0 are marked as (4.3.0 SPXX).

3.1 New functions / improvements

New Java Runtime Environment (JRE 1.6) (4.3.0 SP01)

From this service pack on a new Java Runtime Environment (JRE 1.6) is used. The java version currently used by the client application can be found under the menu View/Properties on the Client properties tab. Eg. java.version = 1.6.0_16

Automatic receipt of inbound orders (4.3.0 SP03)

Inbound purchase orders are received automatically if they are has a receipt time in passed time and receipt advice isn't expected. You can configure how many days after the receipt time the receipt is done (selected properties 360, integer). All order lines are received at the same time. Depending on if despatch advice is expected or not the order is received in status shipped or confirmed. If invoice is expected the order is received if invoice status has reached Invoiced.

WebEDI: Configure default tab in order line screens (4.3.0 SP03)

It's now possible to show a different tab as default in inbound delivery detail and inbound delivery suggestion detail. 2 selected properties defines what tab to be default when entering the order line

- 1501 - Set which delivery suggestion (unconfirmed order line) detail tab to be current. Valid: Suggestion, Order, Advanced or Additional.
- 1502 - Set which delivery (order line) detail tab to be current. Valid: Delivery, Suggestion, Order, Advanced or Additional. For the order process the Additional tab is recommended. This tab shows all interesting order line information.

Supply: Update ReplenOrder's status from goods reception CS06 (4.3.0 SP04)

Added instant update of the ReplenOrder's status when performing a goods reception from customer. Goods reception now triggers a background job that updates the orders status according to business rules.

Supply: Production order as a complement to Inbound OrderOverview (4.3.0 SP04)

A new version of the Inbound Order Overview screen is implemented. The purpose of the screen is to handle products belonging to the same product family in one order. A new attribute called minimum order quantity is implemented and the system can automatically adjust the quantities or the products in the order to this level. The new functionality is available if the selected property 118 ("Always use production order scenario for inbound orders") is set Other order attributes, not used in VMI, are removed.

Supply: Flexible status to allow replenishment order sending to order system (4.3.0 SP04)

Introducing a variable setting by a selected property, MAXSTATUSFOROUTDELIVPURCHASEORDERSENDING ("Maximum Delivery Status for an Outbound Delivery of Delivery Type 'Purchase Order' that is allowed to send to the order system." the customer can customize the setting, which states the maximum status of a replenishment order that is still allowed to be sent to the order system Default is "Change Requested" (45) Note that this Selected Property is only valid for outbound purchase orders.

Supply: XML element Supplier was not used when processing transaction CS21 Customer FlowModel (4.3.0 SP07)

Xml element Supplier was not used when processing transaction CS21 FlowModel. Supplier must be used when having several sites delivering to the same customer.

Supply: Reception time should not be set to shipment time when processing CS03 (4.3.0 SP07)

Reception time should not be set to shipment time when processing CS03 if reception time is not applied in CS03. Instead should the old value of reception time be used.

Supply: Let PW40 PurchaseOrders update the orders shipment/reception times from the (first) orderline in transaction (4.3.0 SP08)

Any update in PW40 does not update the order head shipment- and reception time. When the order is created, the orders shipment- and reception time are fetched from the first order line. For some customers, the desired functionality is that the order times are updated as the rest of the information. Other customers prefer to keep the original times. By setting the selected property 120 ("Let PW40 PurchaseOrders update the orders shipment/reception times from the (first) order line in transaction") the orders shipment and reception time are updated from the first incoming order line in the transaction.

Supply: Delivery Suggestion Parameters no longer required for processing of PW40 (4.3.0 SP08)

Situation The current functionality of PW40 requires Delivery Suggestion Parameters. I.e. you must have a connection to an order system and either auto or manual for delivery sending strategy. This prerequisite has now been removed. If there is no Delivery Suggestion Parameters the order will not be forwarded to the order system.

Supply: Monitoring (4.3.0 SP08)

The monitoring functionality in the PipeChain Supply on the inbound side has been enhanced to cover order delay, confirmation and deviation from the demanded values. As a new feature, the invoice deviation monitoring has been added.

WebEDI: Invoice confirmed price decimals (4.3.0 SP09)

The price/confirmed price is now presented with 4 decimals on the Invoice Despatch WebEDI screen. Even the invoice transaction (CS80) now uses 4 decimals.

Supply: CS06 Customer Receptionregistration do not handle Customer AssignedBy attribute and using DeliveryNotes (4.3.0 SP10)

The AssignedBy attribute is not handled when performing a DeliveryNote Receptionregistration. This cause the transaction to fail if the AssignedBy=customer, and the customer assigned id's are used.

Analyzer: Added product handling for WebEDI (4.3.0 SP13)

When the PipeChain Analyzer saves delivery data, a reference to the Product dimension is mandatory. Previously, this meant that Own Buckets had to be configured before any finished deliveries were saved to the Analyzer. This was not practical for most WebEDI cases. Now the Analyzer also scans finished inbound and outbound deliveries for its Product dimension. Thus, finished deliveries are saved to the Analyzer (and visible in the Delivery Precision screen) even in no Own Buckets exist. Note that presence of Partner Agreement is still mandatory.

Platform: Possible to set a timeout limit for database transactions (4.3.0 SP16)

There are rare cases where database transactions can be locked without being detected by SQL Server itself. These locks will never be resolved, and may cause a hang-up for large parts of

PipeChain. The situation requires a restart of the PipeChain server. If this situation occurs regularly, a maximum time limit for any database transaction can be set using a property. Thus the situation can be detected and resolved automatically, and a server restart is no longer required. The timeout must be large enough not to interfere with normal database operation. We believe that 300s (5 min) is a safe setting. Note that the Analyzer Poll background job will override this setting since its typical database transactions are much larger than those of PipeChain Supply. The property is set in the property file (.\bin\PipeChainServer.properties or .\bin\PipeChainProcessLauncher.properties) as in this example: `se.masystem.pipeline.server.sqltimeoutseconds = 300`

Supply: Performance optimization in "Outbound Delivery" and "Outbound Delivery Suggestion" screens. (4.3.0 SP16)

Each record in the "Outbound Delivery" and "Outbound Delivery Suggestion" screens contain four calculated "Availability" values. These are quite time consuming, especially if there are a large number of deliveries/suggestions. These screens have been optimized by means of a minimized calculation, from which the four "Availability" values are computed. This method has the side effect that the sort orders using "Rel Avl Incl Sugg" is no longer supported, though the sort orders using "Rel Avl Excl Sugg" are still supported.

Analyzer: Simplified and completed algorithm for FlowModelWeek and FlowModelDay. (4.3.0 SP16)

The complex SQL (a legacy from the 4.0.0 DTS implementation) for handling flow periods in the Analyzer database has been replaced with a much simpler algorithm. This has two major advantages: 1 - All types of flowmodels are saved. Before several flowmodel types (e.g. "From Outbound Deliveries") were not saved to FlowPeriodWeek. 2 - The performance of (especially FlowPeriodWeek) was very variable, in rare cases extremely slow. Now, performance is consistent (and slightly better).

Possible to set 'Maximum one full Pallet per Replenishment Order Line' (4.4.0)

A new property is found at the partner agreement in the business node agreement tab. If that property called 'Maximum one full Pallet per Replenishment Order Line' is set, the order lines will be split if the required quantity is above 'Multi Unit Quantity' defined in the delivery agreement.

New properties for Delivery Agreement in the Customer FlowModel transaction (4.4.0)

The OrderDate1-3, OrderDecimal1-3, OrderBoolean1-3, OrderInteger1-3 and OrderText1-3 can be set by this transaction.

Background Job screens (4.4.0)

Screens for Background Jobs have been improved. Sorting and filtering has been added. The layout of the detail screen is changed, and now has a more logical grouping of its fields. It also has a grid, displaying job parameters.

Supply: Long Term Flow Model (4.4.0)

A new type of flow model is introduced in PipeChain called Long Term Forecast. The Long Term Forecast is valid for both own flow model and for customer flow model. This new flow model is only used as information and can be view in new screens. Demand used for generation of delivery suggestions is not based on Long Term Forecast.

There are 4 new screens in PipeChain for Long Term Forecast:

- Own Long Term Flow Model Overview
- Own Long Term Flow Model Detail
- Customer Long Term Flow Model Overview
- Customer Long Term Flow Model Detail

A new attribute "CalculationTime" is also added in FlowModel. In CS21 a new attribute "Type" with values LongTermForecast or ShortTermForecast controlling if a short or long term flow model is created. Note that Short Term Forecast is the same as previous flow models in PipeChain. A new element called Content is added into Short Term Forecast.

The element Content has some new attributes:

- Operation with values ReplaceAll or ReplacePeriod. When operations is ReplaceAll is all existing flow periods removed before inserting the new once. When operations is ReplacePeriod then is only periods between PeriodsStartDate and EndDate changed. Periods outside this interval is kept.
- PeriodStartDate and PeriodEndDate see Operation
- PurgeBeforeDate - All periods before this date is removed.

Supply: Customize order number series (4.4.0)

New function in PipeChain, use unique number series for VMI Replenishment Orders for a customer/supplier . The number series should be used for the PipeChain VMI Replenishment Order identity when PipeChain creates a new VMI Replenishment Order. A Selected Property "132 Order number generation identity" is used to activate this function. The selected property is a reference to a Number Generator that must exist. it's possible for a customer/supplier to have a unique number sequences by creating several selected property 132 referring to different number generators with unique number interval. The selected property can be set up on Partner Level and Site Level, Site Level, Business Level or Application Level.

Supply: More fields open in Inbound Delivery Detail (4.4.0)

Sales order and purchase order fields are open for editing for site administrator and the supplier is of type purchase and production.

Analyzer: OLAP FlowPeriod updates (4.4.0)

The following changes were made to the three Flow Period cubes:

- 1 - Precision is now computed as $1 - \min(1, \text{abs}(\text{forecast} - \text{real outflow}) / \text{forecast})$. If forecast equals zero, division is not possible. Precision will then be 100% if real outflow equals zero, else 0%. Historical Flow Period Data is converted using the same computation when the Analyzer database is upgraded to version 4.4.0.
- 2 - Since "Flow Model" and "Flow Meter" look very similar at a quick glance, measures are now presented as Flow Model Precision vs. Flow Meter Accuracy. However, both uses the above computation.
- 3 - In addition to measures for the last seven days, a measure for the "lead time plus confirmation margin" day is introduced.
- 4 - In addition to measures for the last five weeks, measures for 9, 13, 26, 39 and 52 weeks ago are introduced.
- 5 - Volume value weighted averages are added to the cube for both Flow Model Precision and Flow Meter Accuracy.
- 6 - If the day is closed, no FactFlowPeriodDayDiff record is saved. If the day is open but any of the forecasts used for comparison is missing, the forecast Value/Accuracy will be NULL.

Previously records were saved with zero values. Zero values will not be omitted when averages are computed in the cubes. The following changes were made to the dimensions:

- 1 - In the Time Week dimension, the weeks are called [W1..W53] instead of [1..53]
- 2 - In the Time Week dimension, the days are ordered by rather than alphabetically
- 3 - In the Time dimension, the quarters are called [Q1..Q4] instead of [1..4]

4 - In the Time dimension, the months are called [January..December] instead of [1..12], ordered by month number

5 - The Delivery Unit dimension used to contain all Delivery Units found in the Inventory cube, now it also contains any Delivery Units found in the Delivery cube.

Analyzer: OLAP Inventory updates (4.4.0)

The following changes were made to the Inventory cubes:

1 - The term "Active"/"Passive" is introduced. Inventory records with the following characteristics are considered "Passive": - StockDays/InDelivStockDays = NULL (exceeds parameter for StockDays limit) - has zero Balance (<0.05) while the meter is green

2 - The following eight measures have been added, using the "Active" filter: "Avg (units)- Stock, Active" (the current measure is still very much valid, and is renamed "... - Stock, All") "Avg (curr) - Stock, Active" (as above) The corresponding two "Stock-in-Transit. "Avg (days) - Stock, Active" (the current measure is inferior, but it is not removed) "Vvw (days) - Stock, Active" (as above) The corresponding two "Stock-in-Transit

3 - The following three counts have been added: "Cnt (rows) - All" "Cnt (rows) - Stock, Active" "Cnt (rows) - Stock, Passive"

4 - "Avg (curr) - Product Standard Cost" has been present for a long time. Now a corresponding measure "Tot (units) - Volume Value" is added (computes sums at all aggregations).

5 - The four "count" measures for meter colors were removed

6 - Most measures have been called "Avg Inv ...". "Inv" is removed. "Avg" is kept for measures which compute "averages at all aggregations", whereas measures which compute "sums within a day but averages between days" are renamed to "Sum"

7 - A few measures compute sums at all aggregations. These are renamed to "Tot"

8 - Stock measures in currency unit now compute a "Sum". They computed "Avg" before

9 - Before there were two "competing" groups of Service Level measures. The ones using meter colors remain (most functional), along with the "Empty" measure

10 - Default format is changed except for percentages. The new default will show zero decimals and add "thousands" separators. It is used also for currencies, since the "Currency" format requires the language/currency to be set in the OLAP definition.

3.2 Corrections

Supply: Transaction conflict when processing CS21 (4.3.0 SP03)

There was an internal transaction conflict on CustProdNode when processing transaction FlowModel CS21. This was the case when updating delivery agreement with transaction CS21. This is now corrected.

Supply: Null pointer exception when processing Web Purchase Order PW40 (4.3.0 SP03)

There was a null pointer exception when processing Web Purchase Order Pw40 and optional fields: OrderrDate and Customer Address1 was missing. This is now corrected.

Supply: Null exception when sending Purchase order CS41 manually (4.3.0 SP03)

Corrected error with null pointer exception when sending Purchase order CS41 manually. Also added optional elements ContactPerson, AdditinalInfo, and Document when sending CS41 manually

WebEDI: Missing order confirmation, despatch advice and invoice transactions (4.3.0 SP03)

Due to a design error transactions were not always sent on order confirmation, despatch and invoicing. The logic has been redesigned in order to secure that the order status is only changed if a

transaction was sent. The result of order confirmation, despatch and invoicing should remain the same in normal cases. In error cases order confirmation, despatch and invoicing are interrupted if any error was found. This error has to be corrected before any part of the operation is saved to the database.

WebEDI: Invoicing with incorrect VAT (4.3.0 SP04)

The VAT in the create invoice screen has been incorrect. This is now corrected.

Supply: Update of Delivery Agreement with CS21 (4.3.0 SP04)

As from 4.3, CS21 can now update the delivery agreement for the customer in question. This can normally be done only if the customer is responsible for managing the delivery agreements which has caused problems when the suppliers manually sets up the Delivery Agreements (which he is not allowed to do if the customers manages the DA's). By adding a selected property (116: Allow the customer to update his Delivery Agreements (with CS21) even though he does not manage them.) and setting this property to true, you can bypass the need for the customer to be the part responsible for the management of the DA's. The customer can then update the delivery agreements as if he were responsible for them. Run the script named CUSTOMER ALWAYS ALLOWED TO UPDATE PARTNER AGREEMENT to add the property and take advantage of the new functionality.

Transaction and schema corrections (4.3.0 SP04)

- 1) CS41 and several other transactions in 4.3.0 contained both "Email" and "Mail" in the "Customer" and "Supplier" elements, and what was really used differed from the implementation and the documentation. Now "Email" is the attribute used.
- 2) OrderStatus="Change Sent to Order System" in CS41 could in some cases contain faulty data. This has been corrected.
- 3) TotalDeliveryQuantity where missing from the OrderLine in the schema of all relevant transactions.

WebEDI: Delivery Note improved (4.3.0 SP04)

The Delivery Note PDF report from the WebEDI web application has been corrected and improved. More supplier data is printed in the page footer. Delivery recipient and Goods recipient is printed in the report head. The Package Note field says "Joined despatch" when despatch contains multiple orders.

Analyzer: Inventory sums restored (4.3.0 SP05)

When the new "Business Node with Sites" dimension was introduced in PipeChain Analyzer version 4.2.0 SP00, some arithmetic in the inventory cubes were changed. The reason for this was that the arithmetic only depended on the old "Business Node per Site" dimension, and did not work correctly for the new dimension. The effect was that the Inventory KPIs for entity (units) were shown as "averages" rather than "sums". Now the Inventory KPIs for entity (units) are restored to showing "sums". This is done in a different way than before - that works for both business dimensions.

Supply: Calculation of ReceptionTime from ShipmentTime (CS02/CS03) and vice versa (PW40) (4.3.0 SP05)

CS02/CS03 CS03 can now calculate the reception time using the CS03 ShippingRegistration.ShipmentTime. This functionality has previously only existed in CS02, with the attribute OrderLine.ShipmentTime used in the same way. The calculation of reception time only occurs when the ReceptionTime attribute is missing in the transaction(*). The ReceptionTime attribute cannot be blank, this will yield an error. Additionally, for CS03 the Selected Property 119; "Let Despatch Advice calculate reception time ..." needs to be set up with the value 'true', as this behavior differs from the default functionality of Despatch Advice. (*Please note that there is one

exception to this rule; If both Reception- and ShipmentTime are stated, and the ReceptionTime is earlier than the ShipmentTime, PipeChain will calculate a new ReceptionTime, and also add a warning to the message log. (But if the “normal” case that the ReceptionTime is missing there is no message logged, the ReceptionTime is just calculated). PW40 For calculation of Shipment Time from Reception Time at PW40, there are a number of conditions that need to be fulfilled: First of all, the order type must be the correct one. OrderHead.DeliveryType must be "Purchase Order" and OrderHead.SubOrderType must be "TOM". Secondly, the OrderLine.ShipmentTime must be missing on the OrderLine in question(**. As in the CS02/C03 scenario, a blank ShipmentTime will cause an error to occur. Please note that ShipmentTime is normally a required attribute in PW40 OrderLine, and this is a special case for Purchase Order/TOM. (**Please note that there is one exception to this rule; If both Reception- and ShipmentTime are stated, and the ShipmentTime is a later date than the ReceptionTime, PipeChain will calculate a new ShipmentTime, and also add a warning to the message log. You still to have the order type Purchase Order/TOM for this to happen.

Supply: CS02 AcceptedPrice cannot be missing from the transaction (4.3.0 SP06)

CS02 SP05 introduced a bug where Orderline.AcceptedPrice cannot be missing from the CS02 transaction or the transaction cannot be processed. This issue has now been redeemed. Please notice you have to use order type Purchase Order/TOM for this to happen.

Supply: Corrected 4.0 transaction names for CS41 and PW01 (4.3.0 SP08)

Situation Change of transaction names between 4.3.0 and previous versions (4.0.0) resulted in erroneous transaction names when selecting that transactions should use PipeChain XML version 4.0.0 or previous, in a 4.3.0 installation. This is restricted to PW01 and CS41 transactions. The issue has now been addressed, and the above transaction now use their correct transaction name for the respective PipeChain XML version

WebEDI: Corrected cancelling of WebEDI orders (4.3.0 SP08)

The order now gets status Cancelled when the order is Rejected by the supplier. Before only the lines were cancelled but the order head was still confirmed. Summary of statuses after cancelling: When Cancel Order comes from the customer (0 in quantity on all lines) Order head status = Requested Order line status = Cancelled The supplier confirms the cancel and no order response is sent to the customer. When the supplier directly rejects an Order: Order head status = Cancelled Order line status = Cancelled Order response is sent to the customer When the supplier rejects an Order after a previous confirm: Order head status = Cancelled Order line status = Cancelled Order response is sent to the customer

Supply: Product definition corrected when having flow model definition (4.3.0 SP09)

When the product definition message containing a flow model definition element was processed it failed. This has now been corrected.

Supply: Delete of orders with longer history lifetime (4.3.0 SP09)

The purge of old finished orders and order lines has been corrected so it now reads selected property 1410 in a correct way.

Supply: Error on sending deliveries when order is missing, transaction CS01 and CS41 nullpointer exception (4.3.0 SP10)

During certain circumstances, when a delivery that does not belong to an order is sent, the CS01 and CS41 transaction fails because of the missing order. This has now been corrected.

Supply: GrossWeight and NetWeight should not be mandatory in Despatch Advise CS03 (4.3.0 SP10)

There were some issues with CS03 (despatch advices). It looks like the message processor suddenly treats the GrossWeight and NetWeight as a mandatory attribute even if these attributes are optional (as before). This has now been corrected so these attributes are optional.

Corrected reader for PW40 PurchaseOrder (4.3.0 SP11)

Corrected reader for PW40 PurchaseOrder - Contactperson for the order is created with data from the Customer's contact person if there is no contactperson information in the incoming order. A missing contact person could result in an error.

WebEDI: Errors on confirm order (4.3.0 SP12)

The following errors has been reported and now also corrected - The deviation mail after confirm doesn't show the new deviating value, only the old value before the change - When shipment and receipt time are hidden on line level, it's not possible to change shipment and receipt time on the order head. The new value isn't saved on the order head, just on the lines. A second update is required, then it's saved. - After doing back order on order lines the normal behavior was to keep the confirm dialog open. Since SP 3 the confirm dialog was closed when OK was clicked. Now it's back to remain open again. These errors has been introduced in 4.3.0 SP 3.

WebEDI: Wrong VAT on invoicing (4.3.0 SP12)

When one user is representing several suppliers and these supplier have different taxes, the list of taxes can be taken from another supplier than the invoice is from. The behavior is wrong when showing all suppliers and another supplier was shown previously. This is now corrected.

Supply: Corrected Own Flowmodel Aggregate Online handling (4.3.0 SP14)

When you have Own Flowmodel who's update mode is set to Aggregate online (Aggregate Every Time the Customer Flowmodel is updated), the channel of the incoming CS21 Flowmodel transaction is Business-restricted, but not Site-restricted, PipeChain fails to create the background-job that aggregates the Own Flow model. This error means that the Own Flow model is not updated. A indicator of this error is that there is not job for Aggregate Own Flow Model in the message log. The log file will report: "Session Exception in addOneShotJob. Job id is Aggregate Own Flow Model. " at the time of the incoming CS21 transaction. This is now remedied.

Analyzer: Corrected two minor problems regarding the Delivery Precision screen (4.3.0 SP14)

The data used for the Delivery Precision screen now omits cancelled deliveries. When the "Automatic Receipt" background job "finishes" a delivery (which is required for moving the delivery to PipeChain Analyzer), it sets "Receipt Time" to "Announced Receipt Time", previously, it was set to the current time.

Supply: No delivery suggestions before christmas (4.3.0 SP15)

When having an own flow model from outbound deliveries and a reception schedule with open days, the calculation fails if there are more than seven closed days in a row. This error has now been corrected. The limit has been increased. There must be at least one open day within the next 365 days.

Supply: Finished inbound orders never cancelled (4.3.0 SP15)

Due to a display error the status on finished inbound order is always shown as received even if it is cancelled. This is now corrected so the status is either cancelled or received.

WebEDI Delivery Note printout improved (4.4.0)

The Delivery Note PDF report from the WebEDI web application has been corrected and improved. More supplier data is printed in the page footer. Delivery recipient and Goods recipient is printed in the report head. The Package Note field says "Joined despatch" when despatch contains multiple orders. And more.

Supply: Correceted processing of Delivery Suggestion request (4.4.0)

Add handling of new customer element attribute AssignedBy. If this optional attribute has vale "Customer" then is id names according to customer used in partner agreement. Also corrected some fatal errors in processing of CS34.

Supply: Orders was not moved to finished orders when all order lines where received (4.4.0)

Orders was not moved to finished orders when all order lines where received when processing Receive Advice CS06. This is now corrected.

Supply Correction: FlowModelOperation not functioning correct (4.4.0)

Supplier element was not used when creating zero demand periods when using operation ZeroAllFlowModelsInThisPlan and ZeroAllProductsDemandNotInThisPlan. This now corrected.