

PipeChain Release Notes 4.6.0

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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 4.6.0

Here are actions for what to do before installation of PipeChain 4.6.0. Document describing how to install PipeChain 4.6.0 can be found at Customer login at www.pipechain.com - [Flow on demand](#)

2.1 Actions before upgrading to PipeChain 4.6.0

Before upgrading to PipeChain 4.6.0 from a previous version than 4.5, please follow the instructions in release notes for all previous releases of PipeChain that you need to check. See www.pipechain.com at Customer login for earlier release notes.

PipeChain Analyzer 4.6.0 does NOT support SQL Server 2000. SQL Server 2005 or SQL Server 2008 is required.

3 RELEASE NOTES PIPECHAIN 4.6.0

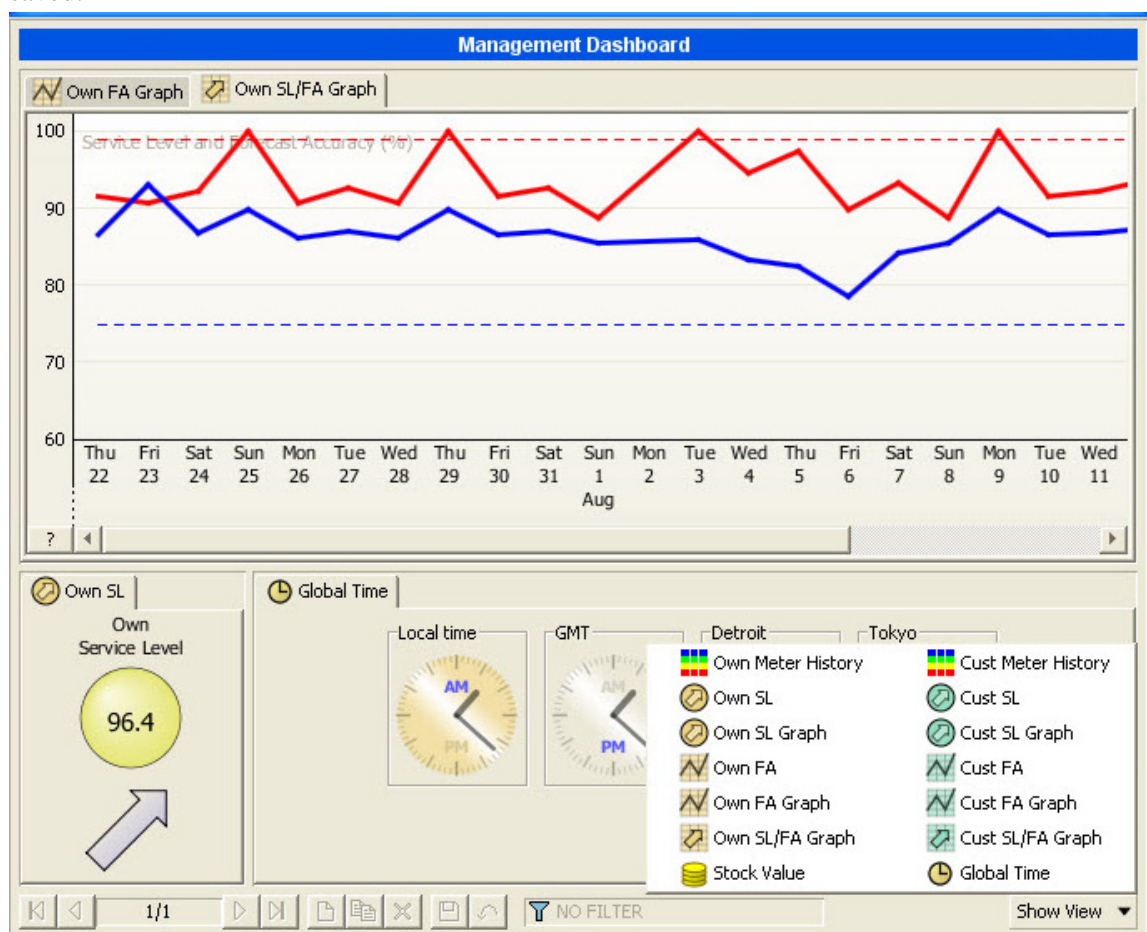
Release notes is a list of all new functions made in PipeChain 4.6.0. The list also includes all new functions and corrections delivered in service packs in PipeChain 4.5.0.

Please notice that this list is not updated after the release date of 4.6.0. Any new service pack in PipeChain 4.5.0 created after the release date of 4.6.0 is not included but can be found at www.pipechain.com, Customer login/Documentation/4.5.0/Service Pack Notes

3.1 New functions in 4.6.0

3.1.1. The Management Dashboard

The Management Dashboard is a screen that provides overview/monitoring in a flexible way. It is personal, i.e. the content is unique for each PipeChain User. It consists of an arbitrary number of predefined dashboard views, selected from a drop-down menu. These can be positioned above, below, right of, left of or on top of other views. All changes to the screen layout are automatically saved.



The Dashboard Views

The predefined views available in PipeChain version 4.6 are all management oriented. In future versions additional views may become available, further management views as well as operative and administrative views.

Views provide a tool-tip with additional information when the cursor is positioned:

- on the tab
- on an object in the view
- on a time slot in a graph. Note that the displayed data refers to the selected time slot, not the time slot closest to the cursor

Views also provide a pop-up menu where the view can be closed or altered.

Graphs provide a legend, by clicking the ?-button at the lower left.

3.1.2. Changed message log items

These message texts and exception texts has been changed in PipeChain 4.6.0:

120102 Catalogue [...] has Categories in message without any product. Categories were not inserted.

120104, Catalogue [...] Customer [...] Address [...]: Customer does not exist.

120105, Catalogue [...] Customer [...] Address [...]: The Customer relation is not found - could not be deleted.

120106, Catalogue [...] Customer [...] Address [...]: The Customer relation could not be inserted - it already exists.

120107, Catalogue [...] User [...]: User does not exist.

120108, Catalogue [...] User [...]: The User Privilege was not found - could not be deleted.

120109, Catalogue [...] User [...]: The User Privilege could not be inserted - it already exists

120110 Catalogue [...]: The catalogue could not be deleted - it did not exist.

350001 User interaction, [...] in route [...] on [...] is [...] by [...]

350002 User interaction, [...] in route [...] is [...] by [...]

Please check the events and make sure the keywords still match parts of the new message.

3.1.3. Platform: Possible to set a timeout limit for database transactions

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, add it to both if you are unsure which one you use in your setup) as in this example:
se.masystem.pipeline.server.sqltimeoutseconds = 300

3.1.4. Platform: Improved error logging in MCom

Error loggings has been improved when receiving incoming transactions and checking receiver Id, Business Id and Site Id. Stack trace in PipeChain log file for channel converter errors is also added.

3.1.5. Platform: Reprocess transaction in status Recived Error

It is now possible to reprocess transaction in status "Received Error" and Received Error Ok".

3.1.6. POC: Goods Label information in mail to Delivery and Goods Recipient

The mail to Delivery Recipient and Goods Recipient on confirmation and shipment is complemented with Goods Label information from the order.

The deviation mail is also complemented with Goods label information from the order.

3.1.7. Default value of selected property "[119] Let Despatch Advice calculate reception time (if missing)" has been changed to true

The default value of selected property "[119] Let Despatch Advice calculate reception time (if missing)" has been changed to true. When a Despatch Advice CS03 is processed the shipment time will be set to the shipment time in the message. The receipt time will be recalculated if needed according to transports, lead time or old difference to shipment time. If the receipt time not should be changed, set selected property [119] to false. Note that the shipment and receipt time is not updated when the delivery is belonging to a route in the Load Planner.

3.1.8. POC: Web supplier user registration

If a web supplier user is logged on with a System Administrator role then a user registration menu is available. This menu takes the user to the user registration page. The user registration page is used to create new users with the profile "WebAccess User" which needs to be created before new users can get access. By default all supplier/site relation checkboxes are checked. By clicking the register button a new user is created.

3.1.9. POC: Supplier web user start page

On the supplier web user detail page it is possible to select a start page which is automatically displayed after logging on the next time.

3.1.10. Webshop/SOC: Webshop Performance Tuning

The Webshop performance in this version is dramatically enhanced. The time required to render the product catalogues has been reduced due to using time optimized code and data caching.

3.1.11. Business or Single Site screens

There is a new button group in the PipeChain Client's toolbar, just beside the Site selector. The group has two buttons where you can select if the screen should display data from the selected site only, or from all sites in the business. Please note that in some screens you cannot make that choice, they have either a fixed site or business scope. Note also that some screens provide site filtering in their screen filter.

3.1.12. Message 20002 (Background Job finished) now logs the job's duration.

Message 20002 (Background Job finished) now logs the job's duration.

3.1.13. Supply: Handle Consignment Stock in PipeChain

It's now possible to handle consignment stock in PipeChain.

Consignment can be used together with inbound VMI or POC. The requirement to use consignment is that the ERP system at customer side must be able to sent consumption report with consumption for each consignment supplier.

Transaction CS04 Inventory Report is extended to also report consignment consumption. This consignment consumption is stored in PipeChain in a new Table InvActivity (Inventory Activity). This table is displayed in screen Inbound Delivery Agreement Detail tab Consignment.

Consumption lines stored in Inventory Activity can be forwarded to the supplier in a new transaction PW55 Consumption Report. The scheduling of sending PW55 is configured in screen Inbound Partner Agreement tab Advanced. The scheduling is done by a calendar, the report will be sent on all open days in the calendar and the time is determined by a new field.

A supplier can have both consignment products and none consignment products. A product can be activated as a consignment product in a new check box "Use Consignment Stock". This check box is found in Inbound Delivery Agreement tab Advanced.

Multi Source

A product can have several consignment suppliers it can also have both consignment suppliers and none consignment suppliers.

Other features

- For a consignment product is all balance updates logged in the InvActivity table. There are 5 types of activities:
 1. Consignment Consumption
 2. Consignment Correction
 3. Delivery Receipt
 4. Cancel Delivery Receipt
 5. Inventory Adjustment
- It possible to correct Consignment Balance with a button "Correct Consignment Balance" in a new tab Consignment in screen Inbound Delivery Agreement.
- It possible to send PW55 Consumption Report manually for a certain product. This is done with a new button "Send Consumption Report" in the new tab Consignment in screen Inbound Delivery Agreement

3.1.14. Supply: Changes in the CS38 transaction

Demand.Discount name is changed to Demand.Percentage in the CS38 transaction to comply to the standard used in other transactions (ex CS40).

3.1.15. Performance in Outbound Order

Performance has been boosted for the "Order Lines" tab in screen Outbound Order

3.1.16. Disable price information in CS05 InboundOrderResponses

If the Selected Property 42 ALLOWEDPRICECHANGE (a percentage value) is set to -1, the following price information in CS05 InboundOrderResponses are omitted from the transaction:

OrderHead:

- PriceListNo
- TotalAmount
- Currency

OrderLine:

- Price
- PriceBase
- ContractPrice
- AcceptedPrice
- PriceUnit
- UnitOfMeasureToPriceUnitFactor

- TotalAmount

3.1.17. Supply: Send Delivery Forecast performance

Sending a Delivery Forecast transaction from the Customer screen is now much faster, since transaction creation is delegated to an asynchronously running background job.

3.1.18. Supplier Detail screen enhancements

The detail screen for suppliers has been enhanced to show and allow update for mail addresses for reminder and notifications. There is also a tab now for partner agreements (as in customer detail). Sorting has been added in Supplier overview, together with some new columns.

3.1.19. Work with both VMI and POC in the Web Access

The PipeChain Web Access has been improved for suppliers that work with both VMI and POC processes in the same PipeChain web interface.

The following changes has been done:

- Selected property Simple order management has now false as default value.
- Button “Add lines” is always visible in Outbound Order Detail if order type is replenishment order.
- Selected property Allow confirm on order line: new default value false
- Buttons not allowed to use when not Selected property Allow confirm on order line is set to false are hidden (not shown at all).
- Printer Friendly and Excel Friendly links made buttons
- Printer Friendly link removed at bottom of page
- Printer Friendly and Excel friendly links removed when in Printer Friendly mode. Instead a Back button has been added to go back to normal mode
- Screen Delivery suggestions just shows VMI suggestions, not Delivery schedule lines or purchase order lines.
- There is a new detail screen for Delivery schedule lines ("Forecast Line") and purchase order lines ("Order Line").
- Play button added to Order overview. Click the button and come directly into the Confirm Order dialog.

3.1.20. Supply:Production Lead Time and Confirmation Margin in Delivery Agreement

Two new attributes Production Lead Time (PLT) and Confirmation Margin (CM) is added in Delivery Agreement screens.

The CM can also be supplied on Partner agreement level, but if the new Delivery Agreement attribute "ConfirmationMarginStrategy" has value "Delivery Agreement Specific" then will the CM from delivery agreement be used.

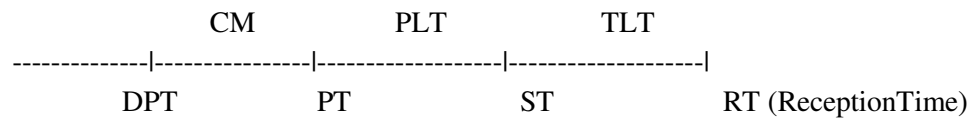
ConfirmationMarginStrategy can also have value "As Specified in the Partner Agreement Screen"

The limit date for confirmation called Delivery Preparation Time (DPT) are now calculated by subtracting the sum of production lead time and confirmation margin from the delivery shipment time (ST), the suppliers calendar is used when calculating DPT. The DPT affects the severity (Color) on Shipment Time and when deliveries are sent automatically to ERP system.

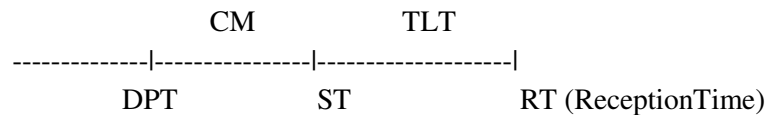
The attribute Lead Time is now renamed to Transport Lead Time (TLT).

A production Time (PT) is also displayed in deliveries and suggestion screens but only if production lead time is greater than 0.

Current solution:



Solution in previous releases:



3.1.21. Supply: Counting of outbound suggestions in overview screen

The counting of outbound suggestions, in the overview screen, now conforms to the "Deliveries" filter settings. The "Deliveries" filter settings are now also visible in the screen's filter panel.

3.1.22. Platform: Null pointer exception occurred when using file aware converter

An empty transaction caused a null pointer exception. This was the case when using a file aware converter and have turn on the converter log. This error is now corrected.

3.1.23. CS40 PurchaseOrder DeliveryQuantity now allowed to change in WebEDI scenario

Orderline.DeliveryQuantity was previously not allowed to change in the WebEDI scenario for the CS40 PurchaseOrder transaction. Only Demand Quantity (ordered quantity) was allowed to change.

Since only the DeliveryQuantity was present in the PW01 InboundOrders that was generated from the incoming CS40, DeliveryQuantity is now allowed to be changed.

3.1.24. PW01 OrderHead.OrderStatus; All lines included

The OrderStatus attribut of PW01.OrderHead has changes its value from previous versions. This is the new behavior as the PW01 transaction is generated from CS40.

When a new order is created, PW01.OrderHead.OrderStatus gets the value 9 = Original.

For an order change - the order already exist, PW01.OrderHead.OrderStatus 4 = Change.

Note: When the order is sent to the supplier, the Inbound orders (not PW01) OrderStatus is set to 42 = Change Sent to Order System. Normally, InboundOrder.OrderStatus would get the value of 30 = Requested.

If the order is cancelled, PW01.OrderHead.OrderStatus is set to 27 = Rejected.

If a CS40 order change has the attribute OrderHead.OrderChangeOperation = "ReplaceAllOrderLines", the PW01.OrderHead.OrderStatus will get the status 5 = Replace.

In all other cases, PW01.OrderHead.OrderStatus value is set to 29 = Accepted Without Change.

In any case, all the existing order lines are included in the message.

3.1.25. CS80 Invoice Supplier Integration functionality update

The following updated to the CS80 functionality has been made:

(Please that Self-billing scenario is a special case and is not affected by the changes except when stated)

The guiding principle is that the processing of the CS80 Invoice transaction is not aborted when a deviation is encountered, but a mail is sent to the sender (see below) containing a warning.

There are however some errors which aborts the processing:

- The Invoice transaction is not structurally correct (XML error)
- The Invoice number + invoice type + year should be a unique combination
- The Invoice is already invoiced (partially invoiced is ok).
- The Invoice refers to multiple deliveries
- The Invoice refers to a Despatch that does not exist
- The Invoice refers to a Despatch Invoice Row that does not exist
- All rows in the Despatch are referred to in the transaction
- The Invoice refers to faulty customer, delivery-, ship-, or invoice address.
- The Invoice refers to another order number or order row number (if the reference is used)

(All references to Despatch/Despatch Invoice Row is by DelivNoteId (primary), or with purchaseOrderId + purchaseOrderLineId (secondary), or purchaseOrderId + EanNo (tertiary))

Added functionality:

- Deviation of
 - DeliveryQuantity
 - ShippedQuantity
 - InvoicedQuantity(Selected Property 317 ALLOWEDQUANTITYDEVIATION)

or

- ConfirmedPrice
- (Selected Property 319 ALLOWEDPRICEDEVIATION)

larger than the corresponding Selected Property generates a mail deviation transaction (MP01)

- A deviation mail transaction is also sent if Selected Property 34 ALLOWEXTRAINVOICEROWS is set up to false (which is the default value), and new Invoice Rows are added in the transaction
- Selected property 320 INVOICEDEVIATIONCCTOADDRESS for cc to customer contact is added.
- InvoiceQuantity now exists on DIR.
- CS80.DeliveredQty is DIR.ShippedQty, not ReceivedQty
- One CS80 transaction is sent for each invoice-element in incoming CS80.

3.1.26. CS40 PurchaseOrder & PW01 InboundOrders Supplier Integration functionality update

The following updated to the CS40 functionality has been made:

- When a PW01 InboundOrderResponse is triggered from a CS40 transaction, the PW01 will include all Orderlines (including cancelled lines) for the Order that exists.
- PW01 OrderStatus and the InboundOrder Orderstatus behaviour from CS40 input has changed from the previous version. Please refer to the POC-documentation for a complete description.

3.1.27. PW02 & CS05 InboundOrderResponses Supplier Integration update

The following updated to the PW02 transaction has been made:

*** New Attributes**

New attributes on OrderHead:

- OrderResponseOperation (ConfirmAllLinesNotIncluded, ProcessOnlyLinesIncluded, RejectOrder)
ConfirmAllLinesNotIncluded confirms all non.included rows, ProcessOnlyLinesIncluded is default; non-included rows are disregarded. RejectOrder rejects the entire order specified with OrderHead.PurchaseId or SalesorderId
- PurchaseorderId – only used for RejectOrder and the special case of using ProcessOnlyLinesIncluded and yet not having any OrderLines in the transaction.
- SalesorderId – see above
- ReceptionDate – is only used for creation of the Order.
- ShipmentDate – is only used for creation of the Order.

*** New Elements**

New Elements below OrderHead:

- Supplier – This element is not processed, it is simply passed on.

The following updated to the PW02 functionality has been made:

- Deviation of
 - DeliveryQuantity (Sel Prop 317 ALLOWEDQUANTITYDEVIATION)
 - ShipmentTime (Sel Prop 318 ALLOWEDRECTIMEDEVIATION (Sic!))
 - DeliveryTime (Sel Prop 318 ALLOWEDRECTIMEDEVIATION)
 - ConfirmedPrice (Sel Prop 319 ALLOWEDPRICEDEVIATION)
 larger than the corresponding Sel Prop generates a mail deviation transaction (MP01)
- if the Price in the transaction differs from original price more than is allowed according to Sel Prop 42 ALLOWEDPRICECHG the transaction fails.
- When an outbound CS05 InboundOrderResponse is triggered from a PW02 transaction, the CS05 will include all Orderlines (including cancelled lines) for the Order that exists.
- If Sel Prop 36 VALIDDELIVNOTEIDCHARS is set up, only the characters in the property is allowed for the DeliveryNoteId attribute.

3.1.28. PW03 & CS48 InboundDespatchAdvice Supplier Integration functionality update

The following updated to the PW03 functionality has been made:

- * Delivery from more than one order is now only allowed if Sel Prop 11 ALLOWJOINTDELIVERY = true (Both the supplier AND site must be true) (default is true)
- * Partial delivery is only allowed if Sel Prop 50 ALLOWDELIVERYREMAINDER = true (default is true)

- * Supplied logic for sending already split deliveries
- * The outbound Site-level CS48 InboundDespatchAdvice is now sent if set up
- * Deviation of
 - DeliveryQuantity (Sel Prop 317 ALLOWEDQUANTITYDEVIATION)
 - ShipmentTime (Sel Prop 318 ALLOWEDRECTIMEDEVIATION (Sic!))
 - DeliveryTime (Sel Prop 318 ALLOWEDRECTIMEDEVIATION)
 - ConfirmedPrice (Sel Prop 319 ALLOWEDPRICEDEVIATION)
 larger than the corresponding Sel Prop generates a mail deviation transaction (MP01)
- * Logic for finding multiple identical identifiers in transactions is added
- * If Sel Prop 36 VALIDDELIVNOTEIDCHARS is set up, only the characters in the property is allowed for the DeliveryNoteId attribute.
- * It is now mandatory for the delivery to have an order
- * If the total delivered quantity for all shipments on the order line is >= than the DeliveryQuantity of the order line and the Sel Prop 55 FULLYDELIVEREDLINEISLASTSHIPMENT is true (default is false) the OrderLine is marked as (fully) Shipped.
- * If the ReceptionTime in the transaction is missing, or is before the supplied ShipmentTime, the ReceptionTime is calculated per the same logic as in CS03. Sel Prop 119 LETDESADVCALCRECEPTIME must be true (default is true). Former behavior was to ignore the ReceptionTime in the transaction.
- * Shipping of split order lines are now handled
- * Total change of xml transaction structure from 4.6.0 onwards made pre 4.4.0 transactions incompatible -Legacy transactions uses different reader and is not subject to changes above

3.1.29. POC: Is last shipment corrected in Despatch lines for invoicing

The value ISLastShipment was always true when invoicing. This is now corrected.

3.1.30. POC: Confirm in integration with SOC

The date and quantity field, which the user is able to set, is initiated to last confirmed date.

If the order not is confirmed before, the demand values are used.

3.1.31. Supply: Own Market Bucket corrections

A number of flaws concerning Own Market Buckets has been addressed, especially for buckets with no outflow. The "Update Own Market Buckets" background job no longer fails when it encounters a bucket with neither agreements nor outflow.

3.2 New functions in 4.5.0 service packs

3.2.1. Supply: Canceled lines in order response transaction CS02 (SP07)

The CS02 Order Response now has a new optional attribute element OrderResponseOperation under the element OrderResponse.OrderHead. The allowed values are "IgnoreOrderLinesNotInThisOrder" (default) and "CancelOrderLinesNotInThisOrder". The former one is the default, unchanged behavior.

The later alternative, "CancelOrderLinesNotInThisOrder" cancels all order lines for this order. I.e. it cancels all order lines that exist in the database but does not exist in the array of order lines under that order head in the CS02 Order Response transaction.

Made CS02.OrderLine unbound to 0. Added PipeChainOrderId, PurchaseOrderId, SalesOrderId to CS02.OrderHead in order to be able to cancel/confirm all orderlines without having an actual orderline in the transaction.

3.2.2. POC: Additions of set up possibilities when splitting in the confirm function. (SP08)

This feature is used to simplify KPI extractions. The customer need is split when the supplier is splitting the line if the property no 54 (KEEPDMDQTYONSPLITLINE) is set to false. If it set to true or not set at all, the Demand quantity is not split.

3.2.3. ReceivingAdvice message is extended (SP09)

The ReceivingAdvice message is extended with RemainderRowNo and IsRemainder to make it possible to make goods reception on an order line split by supplier.

3.2.4. Supply: Supply: Changes in CS38 DeliverySchedules transaction (SP10)

- If Demand.ForecastStatus is missing and the InDeliv is new, the InDeliv created receives ForecastStatus = "Planning/Forecast"
- Corrected faulty CS38 DeliverySchedulesOperation.ScheduleOperation replaceProduct and replaceAll handling in transaction reader
- Corrected error in fetching of Suppliers business node data for DeliveryScheduleScreen
- Added Delete-functionality in DeliverySchedule screens. Please note that deliveries are not deleted, only cancelled.
- Implemented IntervalOperation + NotShippedFirmOperation + ShippedFirmOperation
- Replace forecast row functionality now working correctly
- Empty DeliverySchedules and DeliverySchedulesProduct resulting from the transaction are now deleted.
- Undid faulty TotalAmount logic
- DeliverySchedules without any products are now deleted
- Now also clears DeliveryScheduleProducts directly
- Added columns and rearranged columns for deliveries in DeliveryScheduleProduct screen.
- Delete of forecast rows is now allowed if forecast delivstatus is "Forecast".
- Either ShipmentTime or ReceptionTime can be used as Forecast Row Key. However, you cannot alternate between these - must be consistent for each site. (Schema change: ShipmentTime is no longer required)
- If either ShipmentTime or ReceptionTime is omitted for, the other one will be calculated as per standard logic for orderresponses.
- Corrected logic when a Forecast Row is not allowed to be replaced according to transaction flags. Duplets with the same Forecast Row Key are no longer allowed.
- Reversing of Forecast Status is no longer allowed.
- Corrected nullexception error when Demand.ContactPerson where missing its Profile element
- Corrected handling of undefined Demand.ForecastStatus. Previously an undefined ForecastStatus was allowed, and that led to problems for order creation if an "undefined" property label was not set up. Now an undefined ForecastStatus throws an error and the transaction fails.

3.3 Corrections in 4.5.0 service packs

3.3.1. Too many different cell formats after export to Excel (SP01)

After exporting to Excel, the error "Too many different cell formats" could appear under some circumstances. This error is now fixed.

3.3.2. Webshop: Problem with product names containing unallowed characters (SP04)

Some products are not found when searching in the quick ordering fields on the basket page. This problem happens if the product name contains special characters like "<, >". This error is now corrected.

3.3.3. Supply: Outbound Delivery Detail, tab "Documents" (SP05)

The tab "Documents" displayed no data at all. This problem is now fixed. Also, the unnecessary tab "Information" has been removed.

3.3.4. Webshop: Error when double clicking a line on the product category page (SP05)

When double clicking a line on the product category page, the product details page is not displayed. This error has to do with having not allowed characters in the product variant field. It is now corrected.

3.3.5. POC: Order Confirmation XML transaction contained shipped deliveries (SP05)

Shipped deliveries were included in the CS05 (Order Confirmation XML transaction). Shipped deliveries should not be included in this transaction. This is corrected in this service pack.

3.3.6. Platform: New properties for soap message factory (SP05)

To ensure that SOAP servlets are not using Axis2 implementation of SOAP are two properties assigned:

- `javax.xml.soap.MessageFactory = "com.sun.xml.internal.messaging.saaj.soap.ver1_1.SOAPMessageFactory1_1Impl"`
- `javax.xml.soap.MetaFactory = "com.sun.xml.internal.messaging.saaj.soap.SAAJMetaFactoryImpl"`

This is a correction from last solution in two ways:

1. `saaj` internal from `JDK` is used instead of `SAAj-imp.jar`
2. Property `javax.xml.soap.MessageFactory` was missing for `ReceivingSOAPServletConnection`

Note that no properties should be set in property file.

3.3.7. Supply: Reminder Mail sent to Customer and Supplier with different contents (SP06)

The supplier will get a reminder by mail with information about his orders. Each customer will get the part of the mail that is relevant. The mail is set up as before.

3.3.8. Supply: Invoice Message CS80 corrected (SP06)

The XML message sent from PipeChain had wrong structure. The Invoices node was missing. This is now corrected.

3.3.9. Supply: CS03 missing Reception Date sets the Delivery's reception date to the value of Shipment Date (SP07)

If the reception date in CS03 is not set, or set to earlier than the shipment date, and property 119 (that lets the reception date be calculated from the shipment time in the transaction) is not set up; The reception date from the delivery is not kept, but overwritten with the incoming shipment date. This behavior is now corrected and in the above case, the existing reception date from the delivery is kept.

3.3.10. POC: Error when shipping deliveries (SP07)

When the delivery doesn't belong to an order, the user gets an error when trying to ship it. This is now corrected in this version, shipping a delivery doesn't require an order anymore.

3.3.11. POC: Order printout shows delivery recipient address instead of invoice recipient (SP07)

In the invoice info area of the order printout zip code and city is taken from the delivery recipient instead of the invoice recipient. This is now corrected.

3.3.12. WebShop: Web links to inbound order detail do not always work (SP07)

The links to inbound order detail page don't work if the current site key is different from the filtered site value set by the user. This error is now corrected.

3.3.13. POC Web: Invoice Despatch shows Joined Despatch instead of Purchase order Id (SP07)

Some orders after dispatching are changing the Purchase order Id to "Joined Despatch" on the Invoice Despatch web page. This error is now corrected.

3.3.14. Fixed CS03→PW05/PW48 problems, corrected transaction (SP08)

Fixed CS03→PW05/PW48 problems where PW48 would be sent instead of PW05, regardless of setup. The desired behavior is for the PW48 transaction to be sent if set up, otherwise the PW05 transaction to be sent if set up. The error made the PW48 to be sent regardless of any setups.

PW48 had also a few internal bugs, and would crash in numerous cases.

Also corrected transaction format for sent transaction using part of the same structure: CS41, PW05 and indirectly several more that was not properly written in the correct PipeChain XML 4.5.0 format.

3.3.15. POC: Fixed CS48 Inbound Despatch Advice error preventing shipping (SP08)

CS48 Inbound Despatch Advice would generate an error when sent during shipping operation in the POC process, preventing the shipping operation. This bug was introduced in SP07, and has now been corrected.

3.3.16. Supply: Corrected business logic in CS02 OrderResponse for finding an order from transaction element OrderHead data (SP08)

This only affects canceling an order without having any Order Line elements under the Order transaction element. Business logic has been corrected. If no OrderHead.DelivType, you now search only by Purchase Order Id.

3.3.17. Supply: Fixed server hang that could result from faulty syntax when using selected property-defined Replen Order Id-generators (SP08)

Fixed a missing counter issue that could cause an internal loop when using selected-property replenishment order number generators and the syntax the user wrote into selected properties value was faulty, effectively causing a server hang.

3.3.18. POC: Correction when confirming and splitting order line (SP08)

The handling of order lines are modified when splitting in the confirm function. If the order line is requested → The new line should also be requested If the order line is confirmed → The new line should also be confirmed, originally confirmed date should be fetched from the origin, originally confirmed quantity should be zero.

3.3.19. Supply: CS40 Purchase Orders and CS44 PartnerAgreement no longer yields an error when trying to process and optional attributes are missing (SP08)

CS40 Purchase Orders and CS44 Partner Agreement could generate an error if you tried to process them when some optional attributes were missing. This has been corrected.

3.3.20. POC: Correction when reading partner agreement (SP08)

The partner agreement could not be read since some optional field was not included in the message. The problem is fixed without modifying the message standard.

3.3.21. Supply: Corrected CS38 DeliverySchedules optional attributes PreviousForecastNumber, EanNo, ScheduleOperation, etc (SP09)

Fixed problems with Product.PreviousForecastNumber and Product.EANNo not being optional, despite 4.5.0 XML interface specification declares them to be so. Likewise with DeliveryScheduleOperation.ScheduleOperation. Where these attributes missing the transaction would fail. These attributes are now optional.

Also made the DeliverySchedule.Customer Element optional. The Customer attribute CustomerId (which actually refers to Site Id since this is an incoming transaction, and you are the customer) is now also optional. (Please note that the attributes directly under Customer are not processed, just used as reference.)

3.3.22. Supply: Corrected CS40 PurchaseOrders optional attribute AdjustCustomerBalance (SP09)

Fixed problems with OrderLine.AdjustCustomerBalance that is optional according to the 4.5.0 XML interface specification, but was nonetheless required in the actual CS40 transaction. If missing, the transaction would fail with a null exception error.

OrderLine.PriceBase is also optional according to specification, but the transaction could fail with a "division by zero" if the attribute was missing, or the value in the transaction was to "0".

Both these issues has now been corrected, and the attributes are now optional.

3.3.23. POC: OrderType - Commission Call-off. Correction of cancel handling (SP09)

The status, shown in SOC to customer, was not correct when the supplier has confirmed a line cancelled by customer. The order will now be found among finished order instead of active orders, with status change request.

3.3.24. Reconnect after lost DB connection (SP09)

There has been problems reconnecting to the database after a loss of connection, especially when using the JTDS JDBC driver. This problem is now solved.

3.3.25. Supply: Correction of error on changing to aggregated flow models (SP09)

An error occurs when the update mode is changed from Manual to any of the aggregated modes. The error has been corrected now.

3.3.26. POC: Confirm in integration with SOC (SP10)

The date and quantity field, which the user is able to set, is initiated to last confirmed date. If the order not is confirmed before, the demand values are used.

3.3.27. Supply: Own Market Bucket corrections (SP10)

A number of flaws concerning Own Market Buckets has been addressed, especially for buckets with no outflow. The "Update Own Market Buckets" background job no longer fails when it encounters a bucket with neither agreements nor outflow.