

Release Notes Summary

PipeChain 4.9.3



PipeChain 4.9.3 01

Release Date: 2013-03-28

PipeChain Client: Personal column view for Inbound & Outbound Partner Agreement overview screens

It hasn't been possible to correctly use personalized column views for either the Inbound or Outbound Partner Agreement Overview screen. That problem is now corrected.

Default Category Name can be set for Webshop.

The Default Category Name, used to handle WebShop product without catalogue belonging, can be set in the Catalogue Detail screen, Java client, when creating a new customer catalogue connection.

CS38 DeliveryScheudules transaction should treat forecaststatus 2 and 3 as 4 if no order reference exists

The forecast statuses Material Committed (3) and Production Committed (2) are now treated as the are a pure forecast statuses, ie forecaststatus Forecast (4), if there is no order reference on the delivery in pipechain. Currently the statuses 2 and 3 are treated as forecaststatus Firm(1), which is only used for orders. The later behaviour will now only be true if the delivery contains an order reference.

PipeChain Client: Grid cell editing improvement

When editing of a grid cell was started by typing, the second typed character replaced the first. This very annoying problem is now fixed.

New fields in Blanket Order Line screen

New fields in Blanket Order Line screen: Product Name, Sum Received Qty Prod Id, Sum Received Amount. The two last field is showing the accumulated quantity/amount for one product with several product variant.

Action on installation

Do edit view for screen Blanket Order Line to get wanted order of columns in screen

Release Notes Summary

PipeChain 4.9.3



Balance not updated when cancelling reception registration

Balance not updated when cancelling reception registration. This was the case when product exist but order line isProductDefined was false.

It's now possible to sort and search with Port and Contract in Finished Order Lines

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Release Notes Summary

PipeChain 4.9.3



PipeChain 4.9.3 02

Release Date: 2013-04-18

Added web client support for IE10 and Chrome

Previously the only browser supported was Microsoft Internet Explorer up to version 9. Now, there is added support for Internet Explorer 10 and Google Chrome, versions 25 and above.

IE6 and lower is no longer supported. Nor is lesser versions of Google Chrome than mentioned above, or other browsers.

Unnecessary Analyzer warning avoided

When Analyzer Poll is run, the system warns if the Analyzer database contains multiple System Identities (= PipeChain databases).

This may not be a problem since the System Id can be changed, or multiple systems may use entirely different keys for the dimensions.

Otherwise, this is a problem since the OLAP processing and the Dashboard will not distinguish between identical keys from different systems.

This warning appeared more often than necessary, since some dimensions automatically get a dummy-record with a zero-key.

These records are valuable because they guarantee that ALL fact-table records will show up in the cubes, even if there are key-mapping problems.

Now these dummy records are excluded from the test for multiple System Identities.

Last Confirmed Qty not set correct when these already exist a splitted delivery thats is received but not shipped when processing CS06

Last Confirmed Qty not set correct when these already exist a splitted delivery thats is received but not shipped. This error is now corrected.

Partner id and partner address was not populated for outgoing transaction in screen MCom Transaction overview

Partner id and partner address was not populated for outgoing transaction in screen MCom Transaction overview. This error is now corrected.

Release Notes Summary

PipeChain 4.9.3



Web EDI: Forecast Delivery Period's time period headers as plain dates when exporting to MS Excel

When exporting the contents of the Forecast Delivery Period screen to Excel, the column headers representing time periods are now printed as plain dates. For the different levels of detail, this means
Day : The date itself (of course).
Week : The date of the week's Monday.
Month : The 1st of the month.

Package sum check error Websupplier Create Despatch

Due to JavaScript's internal representation of decimal numbers, the check that the total sum of package quantities equals the quantity to ship could sometimes fail, even though the quantities were correct. This issue has now been remedied.

Also, when entering a non valid number (i.e. "0" or "abc") you get an error message that could refer you to another line or package. This issue is also remedied.

The third change is that only one pop-up error is shown, even though you might have multiple errors.

PipeChain Client: Edit menu's line section not enabled

In some screens, the line related selections in the Edit menu haven't been enabled when they should. This problem is now corrected.

Release Notes Summary

PipeChain 4.9.3



PipeChain 4.9.3 03

Release Date: 2013-06-14

Demand Plan History is not generated for Delivery Agreements with Suggestion Generation Strategy = Monitoring

Now Delivery Suggestion Generation also handles "Monitoring" agreements, i.e. Delivery Suggestions are not generated, but Demand Plan is.

WebEDI CS40 PurchaseOrders transaction DeleteOrderLinesNotInThisOrder changed behaviour

DeleteOrderLinesNotInThisOrder is a flag in the transaction that tells you to delete all order lines not in the transaction. Previously the logic was so that you have to identify the deliveries by PipeChain DeliveryId and not Order Id's. Implemented support for PurchaseOrderId and ReplenOrderId.

Also changed so that all non-confirmed orderlines were possible to cancel by this flag, DeleteOrderLinesNotInThisOrder.

Demand Plan is not always generated

Demand Plan is only generated if the Partner Agreement is

- connected to a MACom channel that sends CS67 - Inbound Delivery Forecast Report
- Delivery Suggestion Parameters state that "Send Summed Suggestions = After generation wait 0m"

The logic should have ensured generation of a Demand Plan once a day even if the above conditions are not met, but this did not work.

The error appears in the Message Log as a null-pointer error during the In Delivery Investigation background job. The error was corrected.

WebEDI CS40 PurchaseOrderId several issues, autoconfirm

Fixed the following issues:

- 1) CS05 not sent on autoconfirm.
- 2) Cancelling an orderline when autoconfirm is enabled is not possible - the entire transaction fails.
- 3) Orderchange without any changes to the order still results in change sent status for integrated suppliers.
- 4) Customer Change-Flag not reset upon autoconfirm in a subsequent message.
- 5) OrderStatus not set to Sent when orderlines are.

Release Notes Summary

PipeChain 4.9.3



Analyzer: Selected Property 8040 erroneous and insufficiently documented

This property allows the user to define that Delivery Precision should use "First Confirmed" date and quantity (rather than "Last Confirmed") when comparing to actual date and quantity.

This property is of type boolean, however the comment indicated that entered values should be 0 or 1. The comment was changed.

In addition to the Delivery Precision KPI presentation in the Web Supplier Dashboard, this property is also used for the Delivery Precision Report screens corresponding measures. This was added to the documentation.

Action on installation

Check if you use Selected property 8040, and change the value to "false" if you wish to use "First Confirmed" date and quantity. Otherwise the property could be removed.

Invoice transaction written by PC is extended

The invoice transaction is extended with;

SalesOrderId

SalesSubOrderId

SalesOrderLine Id

Web EDI: "All Customers" checkbox not working properly

Some screens display a checkbox, "All Customers", beside the customer selector in the screen header. Selecting that checkbox as lead to unexpected results. These problems are now fixed.

WebEDI: Transaction Conflict in Web Confirm

If one order contains two defined products that are defined with a supplier partial tank, any update of this order (ie Web Confirm, CS40 Purchaseorders Transaction will cause a transaction conflict.

This issue has now been remedied.

PipeChain Client: Problems leaving empty dashboard screen

Fixed a problem that could occur when attempting to leave the Management Dashboard screen while it was empty, i.e. contained no views.

Release Notes Summary

PipeChain 4.9.3



Analyzer: AnalyzerProperties, e g Cube Processing Trigger can be configured erroneously

Analyzer Poll runs per site, and with a few exceptions the job should use AnalyzerProperties records for it's own site only.

However, AnalyzerProperties with a correct BizKey and a SiteKey=0 were also accepted.

This was changed, now all AnayzerProperties except "UsePreviousDateForInventoryPoll" (is set on business level) and "Limit_Years_Inventory" (and Limit_Years_Shipments etc) require SiteKey.

Action on installation

Check the AnalyzerProperties table and set SiteKey where needed.

Failure to do so may e g cause OLAP and Dashboard data update to fail.

Include Container No in Inventory Activity and Inventory Item

1.) Container No is added to web screen Inventory Activity Overview and is searchable and sortable.
- 2.) Unit Of Measure is now included in transaction Consignment Consumption PW55
- 3.) Container No is added into StatusLine element in transaction Inventory report CS04

Goods reception was registered as Inventory Adjustment in Inventory Activity

Goods reception was registered as Inventory Adjustment in Inventory Activity. It should be registered as Goods Reciept. This is now corrected.

VMI, WEBEDI: Empty Inventory Chart for some articles

Sometimes the Inventory Chart is empty (all grey) even if there are deliveries.

This occurred in some conditions when balance was zero.

A null-pointer exception was written to the log file.

The error was corrected.

VMI, WEBEDI: Unsuspected zero duration in Inventory Chart

Sometimes the Inventory Chart would show a zero duration when "unlimited" (i.e. 9999 days) was expected.

This occurred in some conditions when both balance and outflow was zero.

The error was corrected.

Release Notes Summary

PipeChain 4.9.3



Web client: No need to log in again when following link to object in other site.

You no longer need to login when you follow a link to an object in another site.

"Another site" means "another Customer" when running the Web Supplier, and "another Supplier" when running the Web Customer or Web Shop application.

The triangle was incorrect shown for duration meter on Partial bucket

The triangle was incorrect shown for duration meter on Partial bucket. This because that end of analysis was calculated wrong after confirm order line

WEBEDI: No data in Supplier Dashboard's Forecast Accuracy Order KPI and graph

This error was corrected.

The Supplier Dashboard's help screen could in some cases present the default settings in stead of the used (settings such as "no of weeks shown in Service Level graph").

This error was also corrected.

Analyzer: Problem when using linked servers

When using linked servers (PipeChain database and Analyzer database on different servers) writing to the FlowPeriodDayDiff table failed. The error was corrected.

Customer change in new order in CS38 DeliverySchedules transaction

Due to an error, a new order in CS38 could erroneously be marked as Customer Changed - but a brand new Order could not logically possible by changed in any way. This behaviour cases PipeChain to generate an order changed-mail for subsequent CS38 containing that order - even if the order is not changed in those subsequent transactions.

This issue has now been remedied.

Action on installation

- 4470 får meddelande att order har blivit cancelerad fast vi redan mottagit ordern ??

Vore bra om mottagna följesedlar kom med i nya planen, då kan vi se om de är mottagna eller annullerade

Release Notes Summary

PipeChain 4.9.3



VMI: Demand Plan Deliveries are created for Delivery Agreements in status Monitoring

If Monitoring, only Demands should be saved and displayed. The error was corrected.
Already present Demand Plan Deliveries are not affected.

Analyzer: Two errors in Dashboard views for StockUnits, StockValue and StockDays

The above views did not find Selected Properties settings where BizNodeType = Supplier was chosen, but settings where BizNodeType = <blank> worked well.
The above views did not react to the Product filter settings in the WebSupplier. Both errors had the same origin, and were corrected.

PW03 InboundDespatchAdvice transaction marks partially shipped delivery schedule lines as fully shipped

When shipping a delivery schedule order line, you can overship one line of the same product in the order on one despatch line in the transaction, and the remaining quantity will be automatically put on the next order line.

The first order line will then be fully shipped - which is correct. However, the second line will also be fully shipped, regardless of actual quantities involved. This issue has now been corrected.

Severity errors and warnings were shown on received order lines in screen Inbound Delivery Overview

Severity errors and warnings were shown on received order lines. This is now changed so that no error (red) and warning (yellow) are shown in screens for order lines with status received.

Severity warning and error are now not shown on forecast lines in delivery screens

Forecast lines are shown in tab for Inbound Deliveries. From now on there is no severity warning and error shown on these lines. Init and resulting duration is also blanked out for forecast lines.

Release Notes Summary

PipeChain 4.9.3



Init and resulting duration is not calculated when requested order lines are created by Purchase Order Transaction CS40

Init and resulting duration is not calculated when requested order lines are created by Purchase Order Transaction CS40 if the product exist in PipeChain and the attribute IsProductDefined in CS40 is true or does not exist.

New function for CS40 attribute IsProductDefined

There is a new function for CS40 attribute IsProductDefined. From now on is this attribute only controlling if the product must exist or not in PipeChain. If the value is true then must the product exist in PipeChain to be able to process transaction CS40. If this attribute not exist or has value false then is no check if product exist or not done. Note that the logic for calculating duration etc. for the product is now only controlled by if the product exist or not in PipeChain.

Old solution:

IsProductDefined not exists, product does not exist --> No check that product exist and no calculation of duration etc.

IsProductDefined is false, product does not exist -->No check that product exist and no calculation of duration etc.

IsProductDefined is true, product does not exist --> CS40 processed error

IsProductDefined not exists, product does exist --> No check that product exist but calculation of duration etc.

IsProductDefined is false, product does exist -->No check that product exist and no calculation of duration etc.

IsProductDefined is true, product does exist --> Check that product exist and calculation of duration etc.

New solution:

IsProductDefined not exists, product does not exist --> No check that product exist and no calculation of duration etc.

IsProductDefined is false, product does not exist -->No check that product exist and no calculation of duration etc.

IsProductDefined is true, product does not exist --> CS40 processed error

IsProductDefined not exists, product does exist --> No check that product exist but calculation of duration etc.

IsProductDefined is false, product does exist -->No check that product exist but calculation of duration etc. <== new behavior

IsProductDefined is true, product does exist --> Check that product exist and calculation of duration etc.

Release Notes Summary

PipeChain 4.9.3



DeliverySchedule transaction CS38 Partially shipped orderline problems

Corrected logic for partially shipped orderlines, that could be cancelled without first finishing reception, leaving them hanging.

Release Notes Summary

PipeChain 4.9.3



PipeChain 4.9.3 04

Release Date: 2013-09-13

DeliverySchedule transaction CS38 Reception Registration Caching problems

There is a problem when using multiple goods reception on the same orderline and delivery, using the same delivery id. This is due to a caching problem, not possible.

This issue has now been resolved.

WebEDI: ContactPerson issues in Outbound Order detail

The following issues have been solved:

- 1) ContactPerson 2's fax no is written on ContactPerson 1's line. Now it's correct
- 2) Internally created user id is not shown when name is missing. Now the internally created user id is only shown if no other data is available, like when the user definition has manually been deleted from the database.

VMI: Demand Plan Deliveries are created for Delivery Agreements in status Monitoring Part II

Correction on DEV2826. No delivery plan (only demand plan) should be created from suggestion generation if the delivery agreement is set to monitoring. This is now corrected. Also corrected fatal error that Forecast History Detail also displayed lines from Demand Plan History (gross demand) This is now changes so that Forecast History Detail only shows Delivery Plan(net demand) from History.

OrderResponse transaction (PW02) stops if any line are received.

Due a strict check, the OrderResponse transaction (PW02) stops if the order is partially received - i.e. any line is received.

The correct behaviour for the check would be that lines that are not yet fully shipped are permitted to be changed. Other lines should be ignored.

Release Notes Summary

PipeChain 4.9.3



SalesSubOrderId is missing in transaction CS42 OrderChanges

In the Transaction CS42 OrderChanges, the attribute OrderLine.SalesSubOrderId was missing. This also affects PW01 and CS01 transactions. This issue has now been resolved.

OrderHead data is also missing in some cases where data is available. (ie Cancel Delivery) Rectified this problem too.

Ordertracking for outbound transactions are implemented

The following order transactions can be tracked in the transaction tab of the order detail screen:

Order – CS41
OrderChange – CS42
OrderResponse – CS02
DespatchAdvice – CS03

Correction of displaytext in Delivery detail.

For VMI-orders, the displayed text for the first two items in the Delivery Detail screens are "Calculated" [Time/Quantity] and "Suggested" , respectively For TOM-orders, its "Calculated" and "Demanded". The correct text for POC-orders should be "Demanded" and "Originally Demanded", respectively.

CS38 DeliverySchedule transaction, change behaviour on cancelled lines

The behaviour when changing cancelled order-line has been changed. Previously, a cancelled line could not be changed, and the resulting error was treated as a severe. Thus the transaction could not complete but was ended with "Processed Error" status.

Now, the occurrence of orderlines that have previously been cancelled is treated as the line have never existed in the first place. The cancelled line is moved to finished and the new line takes its place in the order.

Release Notes Summary

PipeChain 4.9.3



Update with CS40 Purchase Order and CS38 Delivery Schedule transactions fail to give correct order status

The following issues have been solved:

- 1) The resulting orderstatus from the respective transactions CS40 Purchase Order and CS38 Delivery Schedule is not being changed when an orderline is added to the order. Then orderstatus could then possibly be misrepresentative.
- 2) When using autoconfirm for the two transaction mentioned, the resulting orderstatus is always revoked to "Confirmed" if any changes is detected. This status could also misrepresent the actual status of the order.

Despatch missing from Inbound Order screen after shipping replenishment order with transaction InboundDespatchAdvice PW03

When shipping replenishment order with transaction InboundDespatchAdvice PW03 without purchaseorderid reference, the despatch cannot be found from the order screen, and vice versa.

This works fine for purchaseorders as purchaseorderid=orderid, or replenishmentorders where purchaseorderid is stated in PW03. But for replenishment orders the, the despatchinvoicerow created loses its direct link to the order. This means that you cannot find to the order from Despatch rows shown in the Despatch screen, and the despatch is not seen in the "Despatches" tab in Inbound Order Detail-screen.

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Release Notes Summary

PipeChain 4.9.3



WebEDI: No deviation mail is sent when an orderline is split

This error occurs if no Deviation Code is created (which is a very common case) since a split line is erroneously set to point to Deviation Code = 1.

The error was corrected.

There may be old deliveries with this error, but since it is unlikely that these are involved in any further deviation mails, no script is written to "fix" these.

A possible workaround to address this (small) problem is to create one single Deviation Code.

WebEDI: Confirmation Notification mail may get wrong number of columns

If a row is rejected before it is confirmed, it has no Sales Order Id. Then the notification columns get out of synch for the rejected row.

The error was corrected.

Analyzer: Error when saving Deliveries to Analyzer

A class cast exception could occur in BPDeliveryPoll. Only occurs if order lines are allowed to be split. The error was corrected.

Web Suppliers Overview doesn't show how many Orders to Confirm

In Web Suppliers Overview the count of how many Orders to Confirm was incorrect. There was a dependency on having order receipt reminder set (Selected property 331) to true. That dependency is now removed.

The information is now also limited to only show information for the first 10 suppliers

Web Suppliers can't create delivery agreement

In the Web Suppliers screen for inbound delivery agreements it was impossible for the supplier to create the delivery agreement himself. There were some values missing

Overview the count of how many Orders to Confirm was incorrect. There was a dependency on having order receipt reminder set (Selected property 331) to true. That dependency is now removed.

Release Notes Summary

PipeChain 4.9.3



Order response CS05 should only include changed lines on reconfirm

On Reconfirm of orders (WebEDI) the system now is able to keep track of what lines that really has been changed by checking if the confirmed value is different than what was confirmed previously. The functionality is activated by setting selected property 67 to "change". The new value means that CS05 is sent only with changed lines on reconfirm. If no line is changed no CS05 is sent. Order head changes and text changes are not sent if none of the lines are sent. The examined values are: quantity, shipment time, receipt time, price, percentage and process charge. First order response is not affected.

Open for changes on split order line before confirm

When the ERP system is not capable of handling reconfirm of split order lines (the original lines) it is possible to disable editing of these lines on reconfirm using selected property 15. The drawback of that function so far was that the line was closed on split not allowing the user to change time and quantity even before clicking in the Confirm Order button. Now this has been enhanced so the time and quantity are editable until the Confirm Order button is clicked, but not after.

Order response CS05 should only include changed lines on reconfirm

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Release Notes Summary

PipeChain 4.9.3



PipeChain 4.9.3 05

Release Date: 2014-01-09

Tomcat 7 instruction metadata-complete="true" in web.xml

The instruction metadata-complete="true" should speed up the start of Tomcat 7.

PipeChain Client: Product Family in Production Order screen no longer restricted to 20 chars

The Product Family field in the Production Order screen has been erroneously restricted to 20 characters. It's now correctly restricted to 35 characters.

Fail to send PW39 Delivery Forecast

When sending out a PW39 Delivery Forecast in a SMI flow after delivery suggestion calculation the sending fails silently due to an internal error. This has now been corrected.

Party Shipped orders was not shown in reconfirm overview screen when having selected property 10 set to value 55 "Allowed for confirmed order lines"

Party Shipped orders was not shown in reconfirm overview screen when having selected property 10 set to value 55 "Allowed for confirmed order lines". They should be shown in this screen if there are any line that is not shipped and has status Confirmed. This error is now corrected.

Release Notes Summary

PipeChain 4.9.3



PipeChain Client: Web Start adapted for raised security baseline in Java 1.7.0_45

Java version 1.7.0_45 raised the "security baseline" for Java Web Start. The PipeChain Client is adjusted accordingly.

Action on installation

Förutom PipeChain.jar skall dessa filer ligga i WebStart-katalogen:

- Custom.jar
- Texts.jar
- avalon-framework-4.2.0.jar
- dom4j.jar
- mail143.jar
- poi-3.7-20101029.jar
- poi-ooxml-3.7-20101029.jar
- poi-ooxml-schemas-3.7-20101029.jar
- serializer271.jar
- xalan271.jar
- xercesImpl291.jar

Analyzer: Relative Differences are computed erroneously in FactDelivery

Example:

Normally the relative difference from DemandPrice to ConfirmedPrice is computed as $(\text{ConfirmedPrice} - \text{DemandPrice}) / \text{DemandPrice}$.

When DemandPrice is zero, division is not possible. Then the difference was set to 0%.

Now the computation is taken a step further: If both values are zero - the difference is 0%, but if $\text{ConfirmedPrice} > 0$ then the difference is set to +100%.

The Delivery Precision KPIs (Key Performance Indicators) may also be affected by this error, although it is uncommon that Demand Quantity, First Confirmed Quantity or Last Confirmed Quantity are zero.

Action on installation

This error is corrected in versions 4.9.3 and up.

When a PipeChain installation is upgraded to version 4.9.3 (or beyond), it is recommended to

- 1 - think through how you want to set Deviation Limits, since these are now used to parametrize both the Delivery Precision KPIs and the Delivery Precision screen. They are also used to control when Deviation emails should be sent.

- 2 - set Deviation Limits to your desired values

- 3 - run the upgrade script

SET_DEV_LIMITS_FIRST_ANALYZER_040903_TO_040903_Restore_FactDelivery.sql

This script updates old delivery data with respect to the Delivery Precision KPIs and the Delivery Precision screen PIs, so that they will match data saved after the upgrade.

Release Notes Summary

PipeChain 4.9.3



Inbound VMI: Replenishment keys are copied to to Purchase keys

For orders of Replenishment type, the order id and order line id are now copied to the corresponding Purchase Order keys, thus avoiding empty keys.

This is valid only for the PipeChain Supply inbound side, and does not apply where Blanket Order is used.

Last three reception registrations missing in PW39/DELFOR

The last three reception registrations were missing in PW39 based on suggestions. They are now added. The data is based on the received quantity on the despatch lines.

Error on order confirmation when rejecting line

Previously you could get an error when confirming orders and rejecting a line and receipt time is not open on order line. The error is now corrected.

Set a flag on on the split order line in the order response

A flag on on the split order line in the order response CS05 has been added. See DEV3110 for details.