

Release Notes Summary

PipeChain 4.7.0



PipeChain 4.7.0 01

Release Date: 2011-01-04

Analyzer: Error in Inventory, time dimension was one day off

The logic for the Analyzer property "UsePreviousDateForInventoryPoll" was accidentally mixed-up when the Time Dimension was changed in 4.7.0 SP00.
The error was corrected.

Analyzer/Supply: Fetch from Analyzer to Management Dashboard failed.

The background job "Analyzer Poll, Single Run Cube Processing Trigger" is activated if the Analyzer property "CubeProcessingJob_Command" is used.
It is responsible for OLAP processing triggering, but also for data fetch to the Management Dashboard KPI-tables.

The latter failed because of incorrect references to the Time Dimension, which was changed in 4.7.0 SP00.
The error was corrected.

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PipeChain 4.7.0 02

Release Date: 2011-02-23

Platform: New screen Background Job Statistics lacked browser for JobId

The filter of the new Background Job Statistics screen required the background job JobId attribute to be input as a text.

Since this is difficult for most users, a browser was added. The browser displays all JobIds that occur in the Background Job screen and the Background Job Statistics screen.

The browser was also added to the filter of the Background Job screen.

Generate Production Order menu choice unavailable

The right click menu in Inbound Suggestions failed to show the menu choice "Generate Production Order", even if the system was setup was correct for using Production Orders. (Instead the Generate Order selection was shown).

The correct menu selection and corresponding action has now been restored.

Production Order screen Minimum and Sum Order Quantity not fetched

In the Production Order screen, the Order Quantities that is supposed to be fetched from Order and Product Families respectively always zero. This causes the Auto Increase-functionality to be unavailable.

This fault has been remedied in this service pack.

POC: Order Reports

Order reports no longer require that products are registered in the PipeChain database.

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Analyzer/Supply: Some rare problem cases for Management Dashboard data were corrected.

If a PipeChain installation contains multiple Businesses which share one PipeChainAnalyzer (a legal but very rare case!), the KPIs which use Analyzer data (e g Service Level) would only be visible in one Business.

If an installation changes its "System Id", only new data (saved after that change) would be visible in the KPIs which use Analyzer data (e g Service Level).

A warning message will appear if the Analyzer database contains multiple System Identities (multiple PipeChain installations), since this setup can not be handled correctly for the KPIs which use Analyzer data (e g Service Level). If the warning is caused by a changed System Identity, it can be disregarded.

Flow Model of type "Aggregated Plus from In Suggestions via Recipe" is not updated when generation of Indelivery Suggestions is run

Flow Model type "Aggregated Plus from In Suggestions via Recipe" does not update itself when Generate Indelivery Suggestions is run.

This is caused by a failure of the background job Update FlowModels Via Recipe to take the new flowmodel into account. This have now been remedied.

Supply/SOC/POC: New Code Signing Certificate

A new code signing certificate is used from this version on. The jar files located under following directories need to be updated:

1. On the PipeChain server side .\jre\lib\ext*.jar
2. On the web application side .\WEB-INF\lib*.jar
3. On the web application side .\WebStart*.jar

POC: Cancel Despatch Shipment Count

The order line shipment count is now reduced by one when cancelling a despatch and the shipped quantity is set to zero in case the calculation gives a negative value.

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Transaction conflict in CS90 RecipeDefinitions UpdFMViaRecipe background job spawns severe errors

When a normal, resolveable transaction conflict (present in the logfile, but not in message log as this is just an indication of possible error cause). is caused by the reception reader when processing a large number of recipes (usually - two is enough to cause the error), the background job fails with the errors of "index out of bound", "duplicate key". The later message is present in the message log.

The behaviour was due to an internal bug, now fixed. The spawned errors does not occur anymore, although transaction conflict could be present as normal in the log file.

CS90 UpdFMViaRecipe Duplicate Error

When a number of recipes that referred to the same product are processed, the spawn background job can try to update the same records in the flowmodel.

Implemented a listening timeout that only allow new recipes to be processed when the update has been completed. This increases the CS90 processing time.

Transaction conflict in manual investigation job

When processing a manual investigation background job, as for example when changing deliveries or generating suggestions. You could end up with a transaction conflict that was not handled, due to a missing internal counter.

Added the counter and the manual investigation job no longer fails.

PW03 Inbound Despatch Advice try to ship wrong delivery

PW03 processing can sometimes select wrong delivery to ship. This when using contract number and purchase order as reference. This error and some other errors when not using split functionality is now corrected.

Hide Shipment and ReceptionTime on OrderHead

It's now possible to hide the Shipment and ReceptionTime on the OrderHead in the Web Interface, by customizing the .jsp page using a new interface.

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POC: None Joined Invoice with many orders

It's now possible to invoice none joined invoices that have more than one order line and the order lines belong to different orders.

Invoice Payment Expires now goverend by Selected Property 31 Allow change of Terms of Payment

When creating an invoice Payment Expires is an date field who's default value is Today date + Terms Of Payment

The field has previously been open for editing - which means that you practicaly can change the Terms of Payment, despite the Selected Property "31 - Allow change of Terms of Payment" setting.

This has now been remedied so the Payment Expires is also goverend by the above mentioned selected property

Nullexception in PW02 and PW03 when Selected Property 36 - Valid Delivery Note Id characters is set up

Only occurs when DeliveryNoteld is missing from the transaction. A blank value still works.

This exception has been remedied.

Create Order Line if orderline is missing in PW02 is not working

The functionality for creating orderlines if the line is missing (by the attribute CreateOrderLinelfMissing) in OrderHead Element was missing from PW02.

Functionality restored. Note that you still need to have an Order to be able to create an order line by this attribute.

Minimum Order Quantity Field in Product Group screen implemented

MOQ (Minimum Order Quantity) field in the Product Group Screen is implemented. The field is ediable for Configuring users.

Please note that the users settings (locale) for showing numbers is not used - MOQ uses a decimal dot and no separators.

Also implemented "Product Family" checkbox. The box is automaticly checked if MOQ is set.

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POC: Customer Product Id Added to the Invoice Rows Table

The table Invoice Rows on the web page Create Invoice Detail, is now completed with the following columns:

- *) Customer Product Id,
- *) Product Variant
- *) EanNo

POC: New status in selected property ALLOWCOMPLETESHIPMENT

The selected property ALLOWCOMPLETESHIPMENT has got a new status (Automatic uncheck) which means that the checkboxes on the despatch page are editable and initially unchecked.

Invoice roundings corrected, Auto roundoff now functioning.

PipeChain is now showing the same, and full number of decimals up to a maximum of six decimals for price information. (Minimum two)

Quantities are shown with up to two decimals. (Minimum zero).

The same number of decimals are shown both in java and web client, as well as supplied in CS80 för rapport, web, java och transaction (CS80 ut) vad gäller skapandet av invoice och order.

Auto Roundoff functionality in Create Invoice screen is now working, and rounds of "To Pay", not "Total". Default value of the checkbox is fetched from Selected property 1390 - use automatic roundoff.

Forecast generation was not started when scheduling in Japan time zone

Forecast generation was not started when scheduling in Japan time zone. This is now corrected.

Note Also corrected in PipeChain 4.2.0 SP51

POC: Cancel Despatch Page

The fields Demanded Shipment Time and Receipt Time are now changed to none-editable mode on the Cancel Despatch page.

Shipped deliveries had their quantities destroyed, CS38 DeliverySchedules

Shipped deliveries disappeared they were different shipped than the new plan in the CS38 DeliverySchedule transaction. Shipped Deliveries should not be affected. A "Processed with error" is logged and the delivery remains unchanged.

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Too many yellow receipt time in inbound delivery overview

Both receipt time and shipment time is yellow in inbound delivery overview - receipt time should only be yellow if the deliveries are shipped or if the shipment is not expected. Applies if receipt time is passed.

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PipeChain 4.7.0 03

Release Date: 2011-03-14

Forecast Delivery Period Overview does not show Demand if more than one page

The webb interface Forecast Delivery Period Overview screen does not show the coulumns displaying the Demand for any other page than page 1. This has been rectified.

- Also corrected the First Demand Date
- First Demand Date is now show as date, week, or month depending on the selected view setting
- Improved week and month abriviations

Handle missing order when generating invoice report

The event of a missing order in the invoice report generating was not handled after changes i 4.7.0 SP2, and the user got only a dump page.

The missing order error is now handled, with informative text about the reason the report cannot be generated, and no dump text.

PW02 CreateOrderLine when missing does not create Order or CS05

If the "CreateOrderLine" attribute in PW02 is set to true, PipeChain creates an orderline. It does not, however, create an Order if there is none. Without an order, the CS05 InboundOrderResponse transaction cannot be sent.

Changed the functionality so that is an order is created if there is none, and the orderline is created as per above.

PartyId is now an unique identifier for Addresses

Addresses that are commonly refered in businessobjects as MainAddress, DeliverTo, InvoiceTo, ShipTo, etc, are now identified uniquely (for each business) with the PartyId attribute.

Other unique identifiers are: EanLocNo, OrgNo, and ConnectionNo.

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PW01 InboundOrders generated from CS40 PurchaseOrders could contain addresses with faulty references

Where an OrderHead address is missing in CS40, "OrderHead.DeliveryTo" for example, the resulting transaction PW01 could contain data from another address, for example "OrderHead.InvoiceTo".

The problem only occurred where the CS40 element was missing. This has now been rectified.

The same problem might have been present in other transaction with similar structure.

Automatic roundoff on invoice rounds downwards on .5

The automatic roundoff function in the Invoice screen was set to round downwards on any half number. This functionality has been changed to round up on 0.5.

Confirmation margin was not always calculated correctly

When using automatic confirmation and running delivery suggestion generation rarely (i.e. once a week) then there is a function that extends confirmation margin. This function was not working in previous version and the result was that suggestions was not always automatically confirmed. This error is now corrected.

The function for extending confirmation margin is to add frozen margin to next planned delivery suggestion generation start time and use that as confirmation horizon.

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PipeChain 4.7.0 04

Release Date: 2011-03-28

Received line does not disappear from delivery schedule, change of forecast status triggers cancel+add (CS38)

Received line does not disappear from delivery schedule. It's stuck because the receipt has been processed once before.

A change of forecast status triggers cancel of the forecast line and add of a firm. Should just be update of the existing line from forecast to firm.

Applies to CS38.

The errors have been corrected.

When shipping a delivery schedule with PW03 and contract number lines are shipped order by demand shipment time

Lines are shipped ordered by demand shipment time when contract is the only id. The confirmed shipment time won't do as it changes when the line is shipped.

Also partly shipped lines are shipped prior to not shipped lines now.

Forecast History Detail shows forecast history for other suppliers with same product

The Forecast History Detail screen in the web access shows forecast history for other suppliers with same product.

This is now corrected

Database cleanup performing goods receipt on indeliveries

This issue is due to a bug that cleans indeliveries belonging to a forecast when that forecast is deleted, and misstakenly cleans indeliveries not belonging to a delivery schedule. This only occurs if the forecast number of the forecast is blank.

The issue is now resolved.

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PipeChain 4.7.0 05

Release Date: 2011-04-19

PipeChain Supply: Cannot cancel shipping

The user cannot cancel shipping due to transaction conflict in the Inbound Order Detail screen in the PipeChain Supply client application.
This error is now correct.

Database cleanup of delivery schedules CS38 Delivery Schedule

A forecast or delivery schedule that has been not modified for History Lifetime (usually 30) days, or it expired at least the same amount of days ago, is automatically deleted by the database cleanup program.

However, if you have not set an expiration date (forecast end date), only the "last modified" date is taken into account. This can cause Delivery Schedules/Forecast to be deleted premature to what was intended.

Corrected functionality in the CS38 Delivery Schedule reader now sets the forecast end date to current date + 400 days, if the forecast end date is not supplied.

PipeChain Supply: Receipt Time warning for VMI

The receipt time field of the VMI deliveries (DelivType: VMI, 10) is show with a warning (yellow color) if the receipt time is in the past time.

Problem with calculation of duration on new suggestions

Initial and resulting duration is below safety time on new suggestions. Applies to some products and some suppliers depending on demand on the receipt time of the suggestion. The problem only applies to flow models of type production plan daily.

The error is now corrected.

Problem with inventory report

Inventory report (CS04 own balance) fails when built on schema för 2.3.1.

The error is now corrected.

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Release Date: 2011-04-26

PipeChain 4.7.0 07

Release Date: 2011-04-29

DeliverySchedule transaction CS38 does not handle supplier address id

Due to a bug in DeliverySchedule transaction CS38, the delivery address id of the supplier element `"/PC:Message/Data/Business/Site/DeliverySchedules/DeliverySchedule/Supplier/@SupplierAddressId"` was not properly read. This issue has now been resolved.

DeliverySchedule transaction CS38 does not update supplier product id and variant, or demand shortdescription

Due to a conflicting business rules in DeliverySchedule transaction CS38, the attribute element `"/PC:Message/Data/Business/Site/DeliverySchedules/DeliverySchedule/Product/SupplierProduct/@ProductId` and `@ProductVariant"` was not updated. This is now resolved.

Also, the attribute `.../Product/Demand/ShortDescription` was not updated either.

These issues have now been resolved.

Transaction CS04 Inventory Report Customer AssignedBy attribute implemented

The XML element `Message/Data/Customer` has the `AssignedBy` attribute to provide reverse lookup from Customers designated identifiers (`AssignedBy="Customer"`, default is `"Supplier"`).

This was not implemented in the CS04 transaction. This has now been remedied.

Also implemented for the `AssignedBy` in the `Message/Data/Site/InventoryReport/InventoryReportOperation`.

Supply: Different number of suggestions errors between PipeChain overview screen and Inbound delivery suggestion screen

Different number of suggestions errors between PipeChain overview screen and Inbound delivery suggestion screen. This was related to not correct calculation of confirmation horizon date when using automatic confirmation

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Release Date: 2011-05-16

Analyzer: Two errors corrected.

Two errors were introduced among the changes in PipeChain Analyzer 4.7.0.

Reception Registrations were no longer saved, which caused miscalculation (too high) of the Inventory cubes "Real Outflow" and "Received Quantity" measures. The error was corrected, but already saved values are not corrected.

In a new Analyzer installation, Deliveries (order lines) were not saved until their shipment time had reached the installation date. The error was corrected.

CS01 Orders Orderline Operation never new

Due to a bug, a replenishment orderline was always given the status "New" in CS01. This issue has now been remedied.

Transaction CS41 Purchaseorder does not include price information

The attributes Price, ContractPrice, Accepted Price, Total Row Amount, Percentage and Currency are missing from the CS41 Purchaseorder generated by PipeChain.

This has now been remedied.

Transaction conflict in PW40 WebpurchaseOrder transaction resolved

The old problem where prodnode is updated multiple times, causing a transaction conflict, has resurfaced.

The error occurs when a PW40 WebpurchaseOrder contains multiple items of the same product. The workaround is to split up the PW40 into several files, each containing no more than one item of each product.

The issue has now been resolved.

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Release Date: 2011-05-20

Background Job Statistics not complete

Due to a bug, not all (Single Run) Background Job runs were logged in Background Job Statistics. That problem is now fixed.

Action on installation

None

Manual recalculation of following suggestions was not always correct

Manual recalculation of following suggestions after updating a suggestion was not always calculated correctly. The calculation of following suggestions was not correct when the virtual balance was inconsistent (different from aggregated quantity of transit deliveries). This error is now corrected.

Action on installation

None

POC: Transport Unit Label using barcode 128

From this version on, it is possible to configure the system for using either barcode type 39 or 128.

Use the following selected property:

BARCODEPARAMETERS, Barcode parameters for transport unit label. Use the Setting field. Allowed code types are 39 and 128. Default (ModuleWidth=0.4&WideFactor=3.0&CodeType=39).

It is possible to print the goods recipient on the upper left corner of the page.

It is possible to print the order line number on the page.

Reception Time was not recalculated when changing shipment time in processing of PW03

Reception Time was not recalculated when changing shipment time in processing of PW03. If shipment time is changed more than a certain percent from its original shipment then should the reception time changed also. The percent value is controlled by property:

se.masystem.pipeline.ship.matchShipmentPercent, default value is 10 (%). This recalculation is now also added when shipping manually from PipeChain Web.

PW02 Inbound OrderResponse and CS72 ProductRequisitionResponse nullexception when there is no order

When there is no order for a orderline, and a order are not allowed to be created, the missing order will cause a nullexception. This is rarely the case for PW02, but most often for CS72.

The message looks like "Failed to execute se.masystem.pipeline.bo.BOInDeliv.addToOrder with object BOInDeliv: [orderline identifiers]. Error cause is null."

This issue has now been remedied.

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Release Date: 2011-06-21

Java Client: Color indication in column "Inv. Resp. Status" in Inbund Delivery Agreement Overview.

The color indication in column "Inv. Resp. Status" in Inbund Delivery Agreement Overview was missing. The problem is now corrected

Action on installation

None

Fixed NullPointerException when cancelling (finished) delivery.

A NullPointerException could occur when cancelling a (finished) delivery when the delivery's product was not defined in PipeChain. That problem is now fixed.

Suggestions generation can end up with suggestions with status Wait For Move and Merge

Suggestions generation can end up with suggestions with status Wait For Move and Merge. This was the case when deliveries was confirmed with demand reception time long afterward (long time in future). This problem is solved by using confirmed values from database instead of demand values.

Transactions PW40 PurchaseOrders (Customers) and CS40 PurchaseOrders (Suppliers) does not check Finished state

PW40 PurchaseOrders does not check if Orders or OrderLines are in the Finished state. This leads to that Finished Order/lines can be re-created once again with the same data from the incoming transactions. This leads to mutiple problems for the PipeChain users. These issue have now been remedied.

The very same problem also affects CS40 PurchaseOrders, where it also have been resolved. CS40 now also checks the Finished state for orignal row information in case of a split row.

Deliveries has not always correct status after cancel goods reception

When making goods reception and using suggestions instead of shipped deliveries then should these deliveries be changed back to status Suggestion when cancelling the goods reception. This was not the case, the status was confirmed whish is not correct. To solve this is all deliveries that are implicit confirmed (confirmed during processing of despach advice or reception registration) marked with a new text attribute with text "Implicit confirmed by Despach Advice" or "Implicit confirmed by Arrival registration"

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The virtual balance was not always correct after cancelling reception

The virtual balance was not always correct after cancelling reception. This is now corrected.

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Release Date: 2011-07-14

Orderline Operation corrections for transactions CS71 ProductionRequisitions and CS73 ProductionRequisitionChanges

The Orderline operation attribute for CS71 ProductionRequisitions was erroneously set to "Not Changed" when the status should have been "New".

The same attribute for CS73 ProductionRequisitionChanges was erroneously set to "Not Changed" when the status should have been "Updated".

These issues have now been corrected.

Supply: A bug with available balance for outbound deliveries was fixed

There was a bug with the column available balance including suggestions in screen displaying outbound deliveries. Under certain conditions a grid cell could change value when the row was selected. That problem is now fixed.

Action on installation

None.

Analyzer: Changes for the Delivery fact table

These changes affect customers which

- runs Pipechain versions 4.7.0 or 4.8.0
- use the PipeChain Analyzer OLAP, in particular the Delivery Precision KPI
- splits deliveries when shipping less than the full orderline quantity

The change is a reversal of a function added in version 4.7.0. Split shipments were "merged" in PipeChain Analyzer. "Merges" but not "splits" were used in the OLAP cube.

After versions 4.7.0 SP11 and 4.8.0 SP05, "merges" are no longer created, and "splits" are again used in the OLAP cube.

Action on installation

If the above conditions are true, a script which removes all constructed "merged" deliveries can be obtained via PipeChain Support.

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Release Date:

Analyzer, Dashboard:

FlowModel Accuracy per Day was often missing in the Dashboard.

The cause of the problem is that FlowModel Accuracy per Day is computed against the previous day (-s computed outflow), whereas the Inventory data are computed against today.

When data was moved incrementally from Analyzer to the DashBoard KPItables, "Today's data" never found any corresponding FlowModel Accuracy per Day.

The error was corrected by NOT moving today's data to the DashBoard KPItables.

Shipped Quantity is not set in Finished Outbound Delivery

Shipped Quantity is now set in Finished Outbound Delivery

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Release Date: 2011-03-25

Platform: Improved handling of incorrect e-mail addresses

Before this change was the e-mail channel stopped and blocking all sending if there was an e-mail address that was not accepted during SMTP send. Note this is not the case when sending to a e-mail address that not exist or could not be reached. Instead it's the case when the SMTP severer don't accept the e-mail address because of syntax error in the e-mail address or knowing that the e-mail addresses does not exist when sending within its "own" mail domain. This is now changed so that the transaction will be transmitted error if at least one of the recipients cold not be sent with SMTP. A error message will be created telling what e-mail address caused the problem.

All input check of e-mail addresses has also been improved. That means that a check is done evry time a e-mail is entered in screens or received in a transaction. The rule for e-mail addresses in PipeChain 4.8.0 is:

- * Must have a domain part starting with @
- * Only characters a-z, A-Z, 0-9, _, - and % are allowed in both local and domain name
- * Email addresses (if entering several) must be separated with comma (,), semicolon (;) or spaces

Note that native characters like Swedish å, ä, ö is not allowed.

E-mail addresses in schema is also validated according to similar rules. But it's a little bit more strict validation in the schema

Action on installation

If doing a manual upgrade to PipeChain 4.8.0 you must updated used jar files.

Please remove following jar files for PipeChain server in folder [Installation root]\lib

- * activation.jar
- * mail.jar
- * mailapi.jar

Please make sure that following jar files are added in [Installation root]\lib

- * mail143.jar

Please remove following jar files for PipeChain Web Access in folder [Webapp]\WEB-INF\lib

- * mail-1.4.jar

Please make sure that following jar files are added in [Webapp]\WEB-INF\lib

- * mail143.jar

POC/VM1: Possible to include Additional Information in Order Responses CS02

The Order Response CS02 transaction is extended with new elements for Additional Information (AI). AI can be supplied both on order level as on order line level. AI is displayed in PipeChain Client in screens Outbound Order Detail tab Texts and for order lines in Outbound delivery Detail tab Texts. texts for deliveries is also shown in Finished Outbound Delivery Detail tab texts.

For more information about Text Types for AI etc see PipeChain XML schema.

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Correction: "Create Order Line If Missing" was not functioning correctly

Two errors were corrected when using the XML flag "CreateOrderLineIfMissing" in transaction CS02 Order Response.

1. It was not possible to use Customer Product identifiers if CreateOrderLineIfMissing was true
1. It was not possible to use CancelOrderLineNotThisOrder if CreateOrderLineIfMissing was true (database transaction conflict)

These two errors are not corrected.

POC/VMI: Possible to update order with delivery methods with transaction CS02 Order Response

POC/VMI: Possible to update order with delivery methods with transaction CS02 Order Response. The new fields for delivery methods are:

Terms Of Payment Code
Terms Of Payment
Terms Of Delivery Code
Terms Of Delivery
Mode Of DeliveryCode
Mode Of Delivery

POC: Terms of delivery and payment added to delivery agreement and corresponding transactions

The six attributes for "terms of delivery and payment" were in previous version set in the partner agreement and corresponding transactions.

Now they can be set also in the delivery agreement, along with an attribute that controls the source [As Specified in the Partner Agreement Screen, Delivery Agreement Specific].

The new attributes can be set from the CS08 Product Definition transaction and the CS10 Delivery Agreement transaction.

For more information see PipeChain XML schema.

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Supply: Some inconsistencies in the Partner Agreement and Delivery Agreement screens were corrected

The following attributes were editable for operative users in one or more of the above screens:

Tab "Order Data", all attributes.

Tab "Advanced", attributes "Send Empty Consumption Reports", " Suggestion Generation Strategy" and "Set Delivery to Status Forecast".

Tab "Inbound Delivery Suggestion Parameters", attribute "Exported Data".

Now a configuring user is required.

Some layout errors and labeling errors were also corrected.

POC/VMI: Possible to use Purchase Order Id and Sales Order as a reference when processing CS03 Order Response

The Order Response can now also find deliveries and orders in PipeChain using Sales Order and Purchase Order as a reference. Before this change could only Delivery Id and PipeChain Order Id be used. The Priority amount references if several are applied is:

Prio 1 Use Delivery Id

Prio 2 Use PipeChain Order Id and PipeChain Order Line Id

Prio 3 Use Sales Order Id and Sales Order Line Id - Note if not finding any deliveries with Sales Order Id and line PipeChain will try to use Purchase Order Id and line to find a delivery

Prio 4 Use Purchase Order Id and Purchase Order Line Id. - Note as Sales Order Id and Line is mandatory will PipeChain always try used Sales order always before trying to use Purchase Order Id.

Some errors is also corrected:

Errors when using CreateOrderLineIfMissing.

Errors when using CancelOrderLinesNotInThisOrder and order has no lines in transaction CS02

Supply: Dashboard view for system response times

The Management Dashboard contains the new view 'Response Times'. The view display data samples, logged by the background job 'Response Time Tester'.

Configure Sales Order Id to be mandatory

You can now configure Sales Order Id to be mandatory when confirming an order in the web client.

The behaviour is goverened by a new selected property, 61 "Sales Order Id is mandatory (false, default)" with the approved values "true", and "false".

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Editable password policy

The system now has a password policy, that can be edited by a Server Administrator. The policy is reached from a button in the User Detail screen.

Note that policy applies to all logins to the system. The only exception being SOAP applications, whose passwords will never expire no matter how old they get.

Action on installation

Review the password policy, and change it as needed.

SOC: Webshop selected properties

Selected Properties

Single Category Order

The user will get an error message if he tries to confirm an order with products from different category (catalogues). Show category name in update and confirm basket.

ISSINGLECATEGORYORDER, 10002, True/false (default)

When set to true all the products in the basket must belong to the same product category and catalogue.

Validate Price Range Date:

VALIDATEPRICERANGEDATE, 10003, True/false (default)

When set to true the product prices read from the price range table must have valid date.

Used on business level only!

Is Editable EMail Address:

ISEDITABLEEMAILADDRESS, 10004, True/false (default)

When set to true the EMail Address field on the user detail page is editable.

Set Order Date to Min Shipment:

SETORDERDATETOMINSHIPTIME, 10005, False/ True (default)

When set to true the shipment time of the order is set to the minimum shipment time of the order lines.

Allow Ordering in Past Time

ALLOWORDERINGINPASTTIME, 10016, False/ True (default)

This property is used when ordering products in the Webshop.

When it is set to false, the demanded and receipt time are automatically set to the current time if they happen to be in the passed time.

SOC: Webshop property values

Show Extra Basket/Order Detail Message: SHOWEXTRABASKETMESSAGE, 10007

True/false (default)

Set the label field to the suborder type (e.g Call-off) and the setting field to true/false

Allow basket line text

ALLOWBASKETLINETEXT, 10021, True/False (default)

Set the label field to the suborder type (e.g Call-off)

and the setting field to true/false

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SOC: Webshop Multiple Unit Quantity

A warning/error message could be generated if the ordered qty is not a multiple of the Delivery Unit qty.

The check is only done if the Delivery Unit qty has a value, some items did not have any information about multiple units.

An Error /Warning is shown with color and the error text on line is updated. The error is stopping when the user tries to checkout/confirm the basket.

Selected Property:

Use Multiple Unit Quantity: USEMULTIPLEUNITQUANTITY, 10014

(default: 1)

Valid values: 1, 2, 3

1 = Don't Care,

2 = Warning,

3 = Error.

SOC: Webshop Leadtime/production leadtime

The production lead-time in PipeChain is defined by internal lead-time in the blanket agreement transaction. It has an individual value for each product which is stored at the delivery agreement (CS10). It is stored as a duration (number of days).

The lead-time is not considered when the order is created in webshop and sent to other systems.

The leadtime is visualized on the order detail page in webshop

The order line can be modified by customer until the number of days in production lead-time is reached before shipment date.

Property Value:

Order Line Frozen Margin Exceeding

ORDERFROZENMARGINEXCEEDING, 10015

(default: 1)

Set the label field to the suborder type (e.g Call-off) and the setting field to one of the following:

1 = Allowed,

2 = Warning,

3 = Error

Release Notes Summary

PipeChain 4.8.0



SOC: Webshop Confirmed Order Changeability

The property values DEMANDEDQUANTITYCHANGEABILITY, RECEIPTTIMECHANGEABILITY and the selected property ALLOWORDERLINESPLIT determine the changeability of orders.

The PipeChain site and suborder type (e.g. Call Off, Commission Call Off, etc) are taken into consideration.

Property Values:

Demanded Quantity Changeability: DEMANDEDQUANTITYCHANGEABILITY, 10011
(default: 1)

Set the label field to the suborder type (e.g Call-off) and the setting field to one of the following values:

1 = Allowed,

2 = Not Allowed

3 = Decrease Only,

Receipt Time Changeability: RECEIPTTIMECHANGEABILITY, 10012

(default: 1)

Set the label field to the suborder type (e.g Call-off) and the setting field to one of the following values:

1 = Allowed,

2 = Not Allowed

Selected Properties:

Allow Order Line Split: ALLOWORDERLINESPLIT, 10010, False/ True (default)

Set to true to make the order line split function accessible for the customer.

SOC: Webshop Receipt Time/Transport Schedule Control

The system verifies that the customer places order lines at possible reception days.

The Receipt schedule should point out a calendar (like the one used on site, customers, calendar) that for every day answers on if the days is open for receipt or not.

There can be weekly rules, monthly rules, yearly rules and rules for specific days. (The checkboxes are found at Outbound Delivery Agreement -> Reception Schedule)

When a receipt schedule is created it should point out the calendar for the customer (on PipeChain site level). It can manually be replaced by a calendar for the relationship between the site and the customer in the Java client.

The other systems will update the delivery agreement with a ReceptionSchedule where all days are open or the default fetched from customer. This is done when reading the blanket agreement.

The interaction, when ordering, is modified in the following way if calendar shall always be used; The order line is marked with color if a date that not is allowed in the calendar is keyed in.

A comment at the basket line is updated with a message. The drop down, after the reception date, in the basket is populated with dates included in the reception calendar.

Selected Property:

Receipt Time Control: RECEIPTTIMECONTROL, 10020

(default: 1)

Control that the receipt time is allowed according to the customer transport schedule.

Valid values: 1, 2, 3

1 = Don't Care,

2 = Warning,

3 = Error.

Release Notes Summary

PipeChain 4.8.0



SOC: Webshop Order Line Text

PipeChain is able to store order text information of four different kinds (text codes) at order head and order line level.

They are called; Description, General information, Purchase information and Free text.

PipeChain WebShop is now able to handle order text information on both order head level and order line level.

The following functionality is added :

- Possible for customer to add order text 'Purchase information' on order lines at update basket in WebShop. The text can be keyed in when the user has pressed a text button on the basket line. Text is sent in CS41 and CS42.
- Read and replace order text on order head and order line in PipeChain when an order confirmation transaction CS02 is received. On order head text 'General information' on order lines two text 'Description' for supplier item identity and 'Free text' for other notes.
- A function to view order text information by customer/user for active orders in the PipeChain WebShop. Order text information to shown in the order detail views.

Supply: Dashboard View authorization

The new module 'Dashboard Views' is available in the Profile screen. In this module, you can set privileges on the individual Views that are available in the Management Dashboard screen. A user cannot see a View if it has the privilege 'Not Authorized'.

Please note that all Views are 'Not Authorized' directly after upgrade to 4.8. You need to review your Profiles.

Not also that you can prevent users from using the Management Dashboard screen all together, by setting the Management Dashboard screen 'Not Authorized' in the 'Supply' module. In such a case it doesn't matter what privileges the individual views have, since the user hasn't access to the screen at all.

Action on installation

Important: Review the Profiles. Please note that all Views are 'Not Authorized' in all Profiles after upgrading to 4.8!

Annoying dialog when selecting 'Login' removed

A dialog, reporting 'Connection lost due to inactivity', appeared when selecting 'Login' from the 'File' menu in the Java WebStart klient. That dialog no longer appears.

Action on installation

None

POC: Price Deviation limit can be an amount.

A new Selected Property is added ([321] Price change threshold [amount] for generating Deviation Mail). A price difference (+ or -) greater than the Selected Property setting generates a deviation.

The property can be used at the same time as ([319] Price change threshold [percent] for generating Deviation Mail).

Release Notes Summary

PipeChain 4.8.0



Minimum Order Quantity Field in Product Group screen implemented

MOQ (Minimum Order Quantity) field and product Family in the Product Group Screen is implemented. The fields are no longer dependent on each other.

In 4.8, the users settings for decimals are used for MOQ.

The fields are editable for Configuring users.

POC/VMI: Improvements for Selected Properties and Property Values

These screens were originally constructed for POC (inbound order mgmt). They have now been updated so that Suppliers/Customers/Both can be selected (with Both as default).

Because of the added key possibilities, a number of checks have been added so that impossible or ambiguous combinations are avoided:

- Site and Biz must match, if both are selected
- Cannot select All Suppliers/Customers without a Biz
- Cannot select a Partner without a Biz, and it must also be defined in this Biz
- A Partner must have a Partner Type
- If Partner X Site is selected, a corresponding Partner Agreement must be defined on the Site

Action on installation

Combinations of a zero Business Key and non zero other keys are no longer valid.

The installation contains a script

PIPECHAIN_040700_TO_040700_MSS_CHECK_PROPERTIES_FIRST.SQL which lists such records (if any).

A minimum action is to add the bizkey (copy the object if there are >1 business).

POC: Transactions with missing customer data may now be processed

It is now possible to treat transactions PW02, PW03 and CS80 when they don't contain explicit Customer information.

Only confirmed order lines are sent in CS05 when processing PW02

Only order lines confirmed by the supplier are sent in CS05 when processing PW02.

Text attributes from SOC

Text attributes from Created in POC at order and orderlines are written in the CS41 PurchaseOrder transaction.

The text attributes is also handled when reading the order response.

Release Notes Summary

PipeChain 4.8.0



Secondary Product Id and Product Version

The supplier product id can be changed if ALLOWCHANGESUPPLPRODID (property 20) is set and the product have secondary id defined in the product definition transaction CS08 or delivery agreement transaction CS10. The predefined values can be selected by a drop down when confirming. The possibility to change variant works the same, property is ALLOWCHANGESUPPLPRODVARIANT (property 21).

The price and multiple unit is exchanged if the product id is changed.

New values has to be confirmed an extra time (to see the new price)

Deviation mail is sent when confirming.

Confirmation mail is sent when product information is updated. (Delivered in service pack after release)

Price handled in supplier integration

The price and multiple-unit is added to the GrossDemand transaction (PW25)

The price is found when the supplier makes the order response (CS02). The price is also found if the price is set at a secondary product id for the supplier.

Price copied to orderline for Inbound VMI

In the VMI scenario price is set on the order line when the delivery is added to the order. PipeChain must maintain the prices on all delivery agreements if there should be prices to confirm when the order is confirmed.

Scenario:

1. Price range is updated in the delivery agreement with CS10
2. Suggestions are calculated
3. An order is generated based on a delivery suggestion
4. The price is set in the delivery when the deliveries are added to the order after the order is generated. The information is fetched from the price range in the delivery agreement. Date and quantity is used as search criteria but in this scenario the records has got unlimited value.
5. The price will appear in the order detail screen on the lines.

Release Notes Summary

PipeChain 4.8.0



POC: Improvements for Reminder Mail

Reminder for late goods receipt has been added. Selected Properties have been added for control of off/on, no of days before reminder is sent and reminder repetition.

If "Expect Depatch Advice" (on site or on Partner Agreement) is not set, reminders are sent for "Confirmed" order lines, otherwise (at least) "Partially Shipped" order lines.

All reminders (also all old ones) now use "work days" for "days before reminder". Receipt reminder use "Own Consumption Calendar", all other reminders use "Suppliers Shipment Calendar".

All reminders except "Order Response Reminder" use order line data for logic tests. Now they also present order line data in the email.

The time arithmetic for "non repeated" reminders was incorrect, and most often did not generate any reminder. This was corrected.

SOC: Send Order notification mails for outbound deliveries

It's possible to send order notification mails to the creator of an order in Web Shop. The user can choose what kind of mail he/she wants to subscribe

From User Detail screen both in PipeChain Client and Web Client is possible to selected notifications:

E-mail me notification...

- | | |
|-----------------------|------------------------------------|
| 1. New Order: | Never Always |
| 2. Order Confirmation | Never Always Only At Deviation |
| 3. Despatch | Never Always Only At Deviation |

New Order notification is sent for each PipeChain order and contains only order info. The Order Confirmation is sent for each PipeChain order and contains order line info. The Despatch notification is sent one per delivery note and contains order line info.

If "Only At Deviation" is selected then will transaction MS02 be sent otherwise will MP01 be sent.

The old Order Confirmation is replaced by a new notification design. The New Order notification can be sent with two different designs: As the new design or as a User Registration Notification PW53.

Action on installation

Following action has to be done when upgrading to PipeChain 4.8.0:

1. If using notifications mail then must the file Mail.xsl must be replaced with the file included in PipeChain 4.8.0. The file is included in PipeChain 4.8.0 installation kit. If have problem to get this file please contact PipeChain support
2. The Transaction release must be changed to release 4.8.0 for MP01 transaction on all Channels that are sending MP01. This can be done in "Tools"/MACom Channel Transaction Detail screen

InboundDespatchAdvice is as default sent to ERP.

InboundDespatchAdvice is as default sent to ERP instead of InboundOrderResponse when PipeChain receives a InboundDespatchAdvice from supplier.

Release Notes Summary

PipeChain 4.8.0



POC: Notification mail at order confirmation

A notification email may be sent when an order is confirmed, either by Inbound Order Response transaction (PW02) or in the Web Supplier Client "Confirm" screen.

The function is controlled by three new Selected Properties:

- 297, "Generate Notification Mail for Confirmed Purchase Order"
- 298, "Mail address for receiving Confirmed Purchase Order Notification"
- 299, "Mail address for receiving copy of Confirmed Purchase Order Notification"

POC: Possible to change maximum status for reconfirm

It's now possible to set up a maximum order status for which orders can be reconfirmed. This is done with selected property (10) Allow Reconfirm Status. this property can have following values:

- 0 - Reconfirm for order is not allowed at all.
- 50 - Reconfirm for order is allowed as long no order line is shipped or partly shipped.
- 55- Reconfirm is allowed for these order lines that is not shipped or partly shipped.
- 60 - Reconfirm is allowed for these order lines that are not completely shipped (has Not Yet Shipped Quantity > 0)

Note that this property also determines which orders are shown in the "Reconfirm Order" overview.

Action on installation

JSP file pipechain_menu.jsp or pipechain_menu_definition.jsp is changed for the reconfirm menu choose. If using a customized version of this file it must be replaced.

pipechain_menu.jsp is changed in following line

From:

```
<a class="menu" href="<%= response.encodeURL("." + PipelineURLHelper.WS_OUT_ORDER_OVERVIEW) %>?s_f_orderStatus=50&s_t_orderStatus=55">
```

To:

```
<a class="menu" href="<%= response.encodeURL("." + PipelineURLHelper.WS_OUT_ORDER_OVERVIEW) %>?s_isReconfirm=true">
```

SOC: Recevied Quantity is shown in Reception Registration dialog

Already Recevied Quantity is now shown in Reception Registration dialog.

The logic for setting the Last Reception flag (Last Rcp) is also changed, the flag is now set when the shipment is finished for this order line. Before this change it was only set if shipped quantity where equal or greater than confirmed quantity.

Release Notes Summary

PipeChain 4.8.0



WebSupplier: Download drawings

If product drawings are made available, they can be downloaded from the Customer Bucket screen. A product can have several drawings (e.g. for different revisions). Just click the link for the desired file to start a normal download procedure.

Action on installation

The file structure from where files are downloaded must be kept updated. The file structure must be accessible for the PipeChain Server.

Specify the structure's root directory name as Setting of the Selected Property "[1060] Product drawing file root".

Drawing for product with Product Id = "ProdId" should be stored in folder root\ProdId.

Name pattern for files is <ProdId>_<AdditionalInfo>.<ext>, where <ProdId> is the product's ProductId, <AdditionalInfo> could almost anything (e.g. Revision_1). <ext> is the files extension (or file type), any common, "known" extension will do (like .PDF, .ZIP, .XLS, .DOC, .TXT and so on).

Minor changes in despatch Advice transactions CS48, PW48 and PW03

Changes in XML schema:

Sequence instead of choice for DeliveryId, PipeChainOrder and Sales Order for outbound transactions CS48 PW48. PW03 still used Choice.

Also renamed RecipetTime to ReceptionTime in DespatchAdviceHead in all 3 transactions.

Disocunt will have a separate check and deviation handling in POC

The Discount field can be updated if the property 'Allowed change of Discount when confirming Order (in percent)' [43] is used.

Deviation mail will be sent if Discount is deviating if 'Discount change threshold [percent] for generating Deviation Mail' [322] is used.

The Discount field is marked with red color in the screens when the Discount deviates.

Max balance can be exceeded when using Multi unit Quantity

When converting demand quantity to a suggestion quantity according Multi Unit Quantity this is normally always done by round up to higher qty. But when working with Max Balance then can the demand quantity be round up to lower qty if round up to higher qty would end up with exceeded max balance. Note that only Max Delivery Quantity can be decreased during conversion to Multi Unit Quantity, but Delivery Quantity can only be decreased when using Bucket Strategy. Decreasing of quantity is never done if the result is below Min Delivery Quantity

Release Notes Summary

PipeChain 4.8.0



Supply: Deviation mail corrections/improvements

The following changes were made to Deviation mails:

- 1 - For Shipment Time Deviation calendars are used. Supplier's calendar for inbound, Own Calendar for outbound.
- 2 - For Receipt Time Deviation calendars are used. Own calendar for inbound, Customer's Calendar for outbound.
- 3 - A new SelectedProperty [323, "Shipment Time change threshold [days]"] is introduced. Before the one for Receipt Time were used for both, and it was not possible to activate only one of the tests.
- 4 - Inbound Order Response (PW02) will no longer fail if a deviation limit is exceeded.
- 5 - All deviation attributes (qty, price, times...) now use the same logic, deviation mails are sent IFF the limit is exceeded (but never for a deviation below the limit).
- 6 - The comparison is always "new value vs previous value". Before, some comparisons were "new value vs demanded value".

New Selected Property to define used Web App URL

New Selected Property [70] "Web app URL used by PipeChain Sever i.e <http://localhost/pipechaincan>" can be set up to defined the web app URLs used by PipeChain Server. So far is this selected property only used for build links in notifications mail. Note if using notification mail it must be set up.

Action on installation

Follwing action has to be done when upgrading to PipeChain 4.8.0:

1. If using notifications mail then must the file Mail.xsl must be replaced with the file included in PipeChain 4.8.0. The file is included in PipeChain 4.8.0 installation kit. If have problem to get this file please contact PipeChain support
2. The Transaction release must be changed to release 4.8.0 for MP01 transaction on all Channels that are sending MP01. This can be done in "Tools"/MACom Channel Transaction Detail screen

POC: Improvements for Despatch Deviation

Purchase Order and Purchase Order Line keys were added.

If the despatch contains several orders, a CC is sent to all ordercontacts affected by the mail.