

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 01

Release Date: 2017-09-14

Replenishment Orders should be able to be received if they are in status confirmed.

For receiving, current requirement that a replenishment order should be completely shipped is too restricted for some use cases. Replenishment Orders should be able to be received if they are in status confirmed also.

Possible NULL-pointer at Update KPI Tables

From version 2017, late changes in Deliveries (Order Lines) are handled in Update KPI Tables. If such a delivery were Cancelled or ExcludedFromReports, it would cause a Null-pointer error.

Use selected property 200 when shipping order lines.

The selected property 200 was only considered if shipping from inbound order, but not when shipping from other screens. This has now been corrected.

Use selected property 200, USEDESPATCHPACKAGE, to be "true" to control if despatch packages are to be used when shipping order lines. Note that there may be other settings also affecting this functionality.

Added logging for consignment actions

Added logging for consignment for when adding, updating and cancelling. Stores a log to the database's transport event log when cancelling or when updating a consignment.

No unnecessary logging of error

Prevented unnecessary logging of an error.

Show the updated percentage when confirming a confirmed order.

When a user tries to confirm a confirmed order the confirmed percentage should show the percentage value, not the demand percentage value. If the delivery have a delivery status that's confirmed or higher, and have neither of the statuses change sent, changed requested or change in basket, then the confirmed percentage value should be used. If the status is less than confirmed or in a changed state then if to show demand or confirmed percentage should be decided by the show demand flag.

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Allow update of shipped despatch rows with zero prepared despatch quantity.

The current validation is only for ready for shipment despatches and does not take into consideration the requirements of editing shipped despatch rows. Allow update of shipped despatch rows with zero prepared despatch quantity.

Change of button text when updating address

Changed "Remove" to "Clear" when updating an address.

Changed the label when editing Contact

Changed the label when editing Contact in any of the views Supplier, Site or Customer. It now says "Contact" in all views instead of "Supplier", "Site" or "Customer" respectively.

Change of label in Site view

The label for the Site view has become "Own Site" instead of "Site"

Allow delivery precision confirm info texts longer than 70 characters.

If a user adds a delivery precision confirm info text longer than 70 characters the system crash. Allow delivery precision confirm info texts longer than 70 characters.

Corrected spelling error in Purchase Order Transaction

Correct the spelling of the word "Supplier" in Purchase Order Transactions CS40 if there was a transaction error.

Allow configuration to block changes on split when confirming.

When confirming an order use selected property ALLOWCHANGEONSPLIT to decide how to support quantity deviations. Add support for setting 20, Not Allowed to change quantity sum on splitted lines, when confirming orders. A deviation is when the total quantity of all deliveries that are not splitted, copied or cancelled differs from the delivQty of the sum of all splitted, copied or original deliveries. The original quantity is confirmedQty2, except if the delivery's status is less than confirmed or in a changeable state, while at the same time is using the flag keepDmdQtyDuringSplit, in that case use dmdQty instead.

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Transport Label could fail

EAN codes appear on some labels. These are reused by saving them to temporary files. The file names are constructed using the data content as the EAN codes.

This could fail if the data contain characters that would not work in file names, e.g. "/". These are not illegal in e.g. Product Id:s.

The result would often be that some EAN code was missing in the label.

Now, file names are washed from such characters.

Extra rows editor should only be visible for server admins.

Extra rows editor was visible to non-server admins. Extra rows editor should only be visible for server admins.

Terms of payment, Mode of delivery are not saved to the order

Full "terms" data is present in the order transaction (CS40). Sometimes all "terms" data is saved to the order, sometimes only Terms of Delivery.

The error was corrected.

Web screens for products would show blue color when MaxBalance was set to zero

When MaxBalance is set to zero, it should be interpreted as "MaxBalance is not used".

Added extra margins to duration and quantities.

Added extra margins to duration and quantities in the web. In the demand plan the decimals that are used will be the site's decimal count rather than the user's.

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Improvements for input of deviation information

Some improvements and error correction for input of deviation text and deviation code

1. Input of deviation codes is not required if there is no selectable deviation codes at all.
2. Selected Property 1561(*) with value 3 "Mandatory on reject" caused test against deviation limits(error). This is now corrected
4. Text "Reject Information text must be entered when rejecting order" is now changed to "Confirm Information text must be entered when rejecting the complete order"
5. The deviation codes with "selectable" set to false was selectable(error). This is now corrected.

(*) Explanation of SP 1561

1. "Not used" - The Deviation Text is not shown. The deviation code is not mandatory(default)
2. "Used" - The Deviation Text is shown and can be used. The deviation code is not mandatory
3. "Mandatory on reject" - A Deviation text must be entered when rejecting line. The deviation code is mandatory when rejecting line and if selectable codes exists
4. "Mandatory if change exceeds Deviation Limit" - A Deviation text must be entered when rejecting line or outside deviation limits. The deviation code is mandatory when rejecting line or outside deviation limits and if selectable codes exists
5. "Mandatory if changed" - A Deviation text must be entered when rejecting line or there exist any changes. The deviation code is mandatory when rejecting line or there exist any changes and if selectable codes exists

Coloring error for InitDuration and ResDuration

InitDuration and ResDuration should use the same color logic as other Durations.

For Outbound Delivery screens in the Web client, this was not entirely so - the "OK" case displayed "no color" instead of "green".

Easier linking users to multiple partner/sites in User Management (web) screen (checkboxes)

By setting selected property 215, USERMANAGEMENTCHECKBOXES to true, users can be linked easier and with checkboxes to selected suppliers or customers in the User Management (web) view.

Action on installation

The new selected property 215, USERMANAGEMENTCHECKBOXES needs to be set to true for functionality.

Shipping with qty zero will not affect order line regardless the of the Order Line Complete flag

Shipping with qty zero will not close order line regardless how the Order Line Complete flag is set. This with one exception if shipping an a despatch with status "Ready for Shipment" then is the order line closed for shipping if the Order Line Complete flag is set.,

Add info dialog when delete of partner agreements.

Extended info about effects on deletion of Inbound Partner Agreement in the Java Client. User is notified that the action will delete all delivery agreements and order lines.

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Improved the way to receive order lines in the Desktop client

Added an option when right-clicking an outbound delivery in the java client to receive multiple lines by delivery note id. It is named "Receive Order Lines...". An input dialog will open and the user can enter a delivery note id. If the selected line has a delivery note id, the text field will be pre-filled with it. Once "Ok" is pushed, another dialog box will appear, informing the user about how many lines will be received. The user can confirm or cancel the operation. If the text field is empty, the user will instead get a dialog box informing the user that the delivery note id cant be empty.

The "Register Reception" button has also been renamed to "Receive This Line" and has been moved down. It has the same function as before.

Initial and Resulting Balance columns added to Delivery Planner screen

Columns Initial Balance and Resulting Balance can be displayed, and also updated in real time.

These - as well as Initial/Resulting Duration - are now showing data only if there is a corresponding Delivery Agreement with the "Is Supplier Managed Inventory" flag set.

In the Suppliers Calendar, the date described when opening or closing dates should be the one that was clicked.

If the user's timezone in PipeChain was in another date than the timezone in the browser the title of the texts when closing dates in the web was wrong. The date described when opening or closing dates should be the one that was clicked regardless of timezone.

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Claims system in new web client

The Claims sub system (license required) is now available in the new web client for outbound orders.

Order printout should not forget what business that's to be used.

Custom reports could fail if default company did not have bizKey zero and if the bizKey was lost during the printout. Order printout should not forget what business that's to be used, pick the bizKey from the active site.

Performance Report: column Act Dmd sometimes shows only zero values

The column "Act Dmd" would normally show expected values, but if column "Act Qty" was made invisible, no values would be fetched. The error was corrected.

Crash in screen Delivery Report

Delivery Report crashes with a VERY long SQL error, caused by an integer overflow. This may happen if the sum of all lead times (in seconds) become too large to represent as an integer. The error was corrected.

Added fields dmdTotalAmount and confTotalAmount

Added fields dmdTotalAmount and confTotalAmount in the inbound delivery views in the web. DmdTotalAmount only show the demanded percentage and demanded price and never the confirmed percentage nor the confirmed price. DmdConfAmount show the demanded percentage and the demanded price if the delivery is not confirmed or in a changeable state, else the DmdConfAmount will show the confirmed percentage and the confirmed price.

Outbound Delivery Schedule PW51 could not generate Goods Receptions for order lines with multiple delivery notes.

Outbound Delivery Schedule PW51 (sent from a customer) could not handle "Make Reception Registration" for order lines belonging to multiple Delivery Notes. If the order lines were linked to multiple Delivery Notes and the confirmed quantity was exceeded at shipping, the order line were received with the confirmed quantity only.

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Sorting of grid in Forecast History view was not working

Sorting of values in all columns in ForecastHistory view is now working in both ascending and descending order.

Allow create blanket order in Java client.

Added blanket order type field when adding a blanket order in the Java client and thereby avoiding exceptions when creating said blanket order.

PipeChain Client screens for Delivery Agreement has some more vertical space

The Delivery Agreement screens can no be displayed on screens with lower resolution, without loss of data.

Increased flexibility in Transport Management consignments Statuses

The rules for status updates with Transport Management transaction "Consignment Event" (CS09) has been adjusted and is now less strict. E.g. easier to roll back to lower status or completely skip a status

Better layout of input fields when editing an Address

Improved the layout of the input fields for the Address editing dialog and also added tabindex to the input fields. You are now able to tab through the input fields.

Removed unnecessary number from the client logo

Removed the ".1" from "R2.1" on the client logo on the PipeChain Login dialog that is displayed when launching the java-client.

Display OrderText1 in Delivery Planner

Display OrderText1 from Delivery Agreement in field OrderText1 if property [135] Use Delivery Agreement OrderText1 as buyers contact person (VMI Only) is set.

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Initial and Resulting Balance added to more Pipechain Client screens

This affects screens Inbound Delivery Overview/Detail and Outbound Delivery Overview/Detail.

Previously, Initial/Resulting Duration were displayed. Now also Initial/Resulting Balance are displayed. The Severity indication corresponds to the settings of Safety Balance and Max Balance in the Delivery Agreement.

Delivery Planner; "New suggestion"; possibility to restrict to VMI or TOM products

By setting the Selected Property 6000 "Controls which products are fetched to Delivery Planner picker. 0 = all, 10 = SMI only, 20 = TOM only. Default is 0."

it is possible to restrict products in "New Suggestion" to either VMI (Vendor Managed Inventory) products or TOM (Traditional Order Management) products.

Deviation mail was not generated when an order line was split

Deviation mail were generated normally when changing an order line's qty or time, but not when an order line was split.

The error was corrected,

Create Despatch View: The correct order line is now split.

Fixed the splitting of the wrong order line when trying to split an order line in the Create Despatch view.

Phase-Out counter should not be applicable when the product is not defined.

In an outbound flow, with an integrated customer, and no Own Product was defined, the Outbound Delivery fell into the Phase-Out scenario preventing order confirmation from being made. Added an extra validation for the scenario.

Confirm Information was not always saved

If a Confirm Order operation was performed, a Confirm Information text was added, and this was the only altered attribute, then nothing was saved to the server.

Thus, if confirming again, the Confirm Information field would still be empty.

The error was corrected.

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Date Only in calls to Apport web service when booking transports

Pure dates are now sent to the Apport web service as Date Only, rather than timestamps with 00:00 as time.

Deviation Information sometimes does not appear in MS02

The Deviation Information of a new split line was successfully saved, but did not appear in MS02. The error was corrected.

Easy Despatch & Receive; Finish shipments (No partial shipments allowed)

"Easy Despatch" and "Easy Receive" are two corresponding screens that support a simple use case where an outbound delivery is prepared and then manually shipped and manually received. Screens are optimized for tablet usage.

Any despatch made in the "Easy Despatch screen" is now considered as "Last part of the shipment" (i.e. no partial shipments possible).

Any reception in the "Easy Reception screen" is now considered received in full (i.e. no partial receptions possible). Users can now also change the Lot Code, as part of reception registration, in the same screen (e.g. correct typo previously made during shipment etc).

Unexpected error message is shown if shipment is hidden in order confirmation dialog

Unexpected error message "Input Error - Cannot interpret empty string as a date and/or time. Try something like 01/08/17 08:45" is shown if shipment is hidden in order confirmation dialog. This error is now corrected.

Own Product Detail screen, tab Advanced. Category attributes can only be edited one character at a time.

Manual editing was not working properly. First after a "Save", another character could be edited in/out. The error was corrected.

Customer Product Name was not displayed in the Forecast Delivery Period screen

Customer Product Name is displayed in table header in Forecast Delivery Period screen.

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Balance field added to Gross Demand screen

Column field "Balance" is added to the table in Gross Demand screen.

Unnecessary shipment deviations could be generated

If an installation does not use Deviation Codes but does use Deviation Texts, any Deviation Text added at confirm would generate a deviation at shipment, also if no "real" change was made at shipment.

A user with Role = SUPPLIER could see customer products with MONITORING agreement

This was not intended, and has been corrected.

Allow removing deviation code at reject as server admin.

Allow removing deviation code at reject as server admin.

When an order line is rejected, the Deviation Email does not show the rejected quantity

The "Reject" line correctly displays a zero quantity, but the "Previous" line should not. Now it displays the quantity that was rejected.

Invoice screen does not show any data

Sometimes the "All Invoices" screen would be empty. The error was corrected.

The Remark/colour logic for Shipment Time is changed for screen "All Order" and use case "Confirm Order ...".

- if Date and Time is used - and Shipment Time < now, then Severity = ERROR (Shipment Time red)
- if Date only is used - and Shipment Time < previous midnight, then Severity = ERROR (Shipment Time red)
- if Date only is used - and Shipment Time < next midnight, then Severity = WARNING (Shipment Time yellow)

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Order overview: "Finish Order" did not work repeatedly if screen was not refreshed since last "Finish Order"

It is now possible to perform task "Finish Order" on different lines after one another without refreshing the Order Overview screen.

Transport Event Reporting (to Apport) is now done with the code only, the text is omitted.

Reporting of Transport Events, to Unifaun's Apport web service, is now done with the event code only. The explaining text is omitted, since it had to match exactly what is defined in Apport.

Report screen "Totals" finds too many records

Occurs only in the web client, and only when showing data per week. In this case the data should be restricted to the available combinations of Site and Supplier/Customer, but "Totals" does not apply this restriction. The error was corrected.

If an Order Confirmation results in a Finished Inbound Delivery, it may fail

If a partially received delivery is confirmed with the already received quantity, it will become finished. Then the transaction would fail with error message containing "Failed to write column CountReConfirm". The error was corrected.

A user should be able to search on time even if multi-timezone.

Advanced search on time should work even if multi-timezone functionality is applied. Fixed a bug that makes the calendar popup to not appear if multi-timezone functionality is used.

Web Client's Partner Selector didn't display correctly after login

Directly after login, the Web Client's Partner Selector didn't show the correct value. The problem went away after a manual selection. The problem is now fixed.

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Do not show error severity at invoiced discount at create invoice.

Severity of invoiced discount was error when an invoice was created if the stored invoiced discount was zero, even if the visible discount was equal to the confirmed discount. The invoice row should not show error severity at invoiced discount at create invoice even if it was stored as zero.

Create Invoice could fail

Occasionally, Create Invoice will fail with message "No Data".

This could happen if an invoice was created (by entering the Create Invoice dialog) but not sent. Such an invoice could be removed by the system, and then the Depatch Lines still referenced the deleted Invoice.

The error was corrected.

Avoid crash if a user sort by an item and a user removes said item afterwards with edit view.

A user that sorted by an item and if the user removed said item afterwards with edit view caused the view crash. Changed the platform to not consider any items when sorting if said items are not visible in the view.

Confirmed price should be allowed to not be included in CS72.

Confirmed price should be allowed to not be included in CS72. If confirmed price is not included, do not apply verification that price change is allowed.

Better control of emails to supplier

Before version 4.9.9, Order Notification emails went to the addresses entered in Supplier Detail. From version 4.9.9, Order Notification goes primarily to the order's Supplier Contact. If this does not contain any mail address, the addresses entered in Supplier Detail are used as a fallback.

We have now introduced a new Selected Property 285 - "Order Notification Mail source for Supplier, values 0 = from Supplier only, 10 = from Supplier if exists, 20 = from Order Contact only, 30 = from Order Contact if exists, 40 = always from both. Default is 0.".

In this version, only CS40 Inbound Purchase Order is affected.

Action on installation

The default value (from Supplier only) would suit most TOM installations.

Some installations rely on another setting (from Order Contact only OR from Order Contact if exists). These require Selected Property 285 to be set.

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Init/res duration and balance was not corrected displayed after update of row in Delivery Planner.

Init/res duration and balance was not corrected displayed after update of row in Delivery Planner. This was the case when changing quantity or moving order line to new delivery time. This error is now corrected.

Avoid exceptions from menu if using deprecated start page.

If a user entered a deprecated web the user experienced an error message. Removed exceptions from menu if using deprecated start page.

Invoice: Invoice info related to joined despatch was not displayed correctly in despatch and invoice screens

Invoice info for joined despatch - whether joined invoice is allowed or not - is now displaying expected information in screens for despatches and invoice(-s).

Loading of KPI tables fails

Loading of KPI tables fails.

The error message typically states that a NULL-pointer has occurred in method updateKPIDayCombinedTableOld().

The error was introduced in version 2017, where the aim was to find late delivery updates in PipeChainAnalyzer and allow these to update all KPI-tables (yes, a delivery update will affect all four KPI-tables).

Web VMI-supplier (inbound) now able to "Send Orders" to own system from the Delivery Planner.

For Replenishment Orders (VMI), a user at the Web-supplier side can now trigger so the content on a Delivery (future Transport) can be sent as one (or several) orders to its own ERP system. The button "Send orders" are available at a Focus Delivery (in the Delivery Planner) when applicable.

Action on installation

User must have at least the privilege Operative.

Replenishment Engine delivery configuration strategy must NOT be "Automatic" NOR "No link to Order System" can be stated.

The transaction type PW01 must be linked to a EDI channel in the relation.

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Customized Check Boxes for Own Products implemented (and old phase in/out boxes replaced)

Four new check boxes, where the names can be customized, on OWN Product level is implemented (ProdBool1, ProdBool2, ProdBool3 and ProdBool4). At the same time, the “Phase In” and “Phase Out” checkboxes that was implemented in version 2017, is changed to the fields ProdBool1 and ProdBool2. [N.B. Technically, all is part of OwnProdNode table in the database!]

Fields are visible and ticked/unticked in desktop (java) client's screens Own Bucket Overview and Own Bucket Detail.

Fields are visible in Own Bucket Duration Meters, Inbound Delivery Agreement Overview/Detail and Inbound Delivery Overview/Detail.

The rows in the Overviews can be sorted by these new fields, when names are defined, and can also be hidden by the user. If the header texts are not specified in the property file, they have the default header text of their full name e.g. ProdBool1 = Product Boolean 1.

In the details views, the checkboxes are hidden if they do not have any label text specified in the bundle root.

Action on installation

You will need to run the script PIPECHAIN_050100_TO_050200_PASS_07_OwnProdNode_MSS on your database.

Add these rows to your client.properties file:

```
se.masystem.pipeline.ownprodnnode.prodbool1.shortlabel = PBS1
se.masystem.pipeline.ownprodnnode.prodbool1.longlabel = PBL1
se.masystem.pipeline.ownprodnnode.prodbool2.shortlabel = PBS2
se.masystem.pipeline.ownprodnnode.prodbool2.longlabel = PBL2
se.masystem.pipeline.ownprodnnode.prodbool3.shortlabel = PBS3
se.masystem.pipeline.ownprodnnode.prodbool3.longlabel = PBL3
se.masystem.pipeline.ownprodnnode.prodbool4.shortlabel = PBS4
se.masystem.pipeline.ownprodnnode.prodbool4.longlabel = PBL4
```

Replace all the PBSx and PBLx with the desired label text.

shortlabel is for the label text shown in overview views and longlabel is for detail views.

Invoice web screen improvements (inkl. links and performance)

In all invoice the views in the web the link to the invoice order is fixed and will now link to the correct inbound or finished order. Fixed issue of empty number of invoice lines and to improve performance set the number of invoice lines as hidden by default. Fixed issue of crash when searching on order id as of faulty join on order references. Added small performance improvements and caching.

Keep despatch packages in CS48 even if using ready for shipment.

Despatch packages should not be lost for CS48 if ready for shipment is used. Populate despatch invoice row's despatch package regardless if the despatch packages exists or not.

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If a confirm only changed Sales Order Id for Order Lines, nothing was saved

Confirm is only performed if anything is changed. This change was not detected.

Selected Property 110 Error (USEONEPACKAGEROW) fixed

Verified that it was a bug with USEONEPACKAGEROW and fixed it. The error will no longer appear when trying to ship with USEONEPACKAGEROW set to true.

Recurrence (e.g. bi-weekly) option added to Weekly Transport Schedule

A Transport Schedule is defined by a Shipment Weekday and a Receipt Weekday, but until now the recurrence has always been "weekly".

Now it is possible to define recurrence in [1, 2, 3, 4] weeks. If recurrence is more than one week, this also requires that a Start Date is chosen (any date in any start week will do).

Recurrence and Start Date are configured in screen "Reception Schedule Detail", tab "Weekly Transport".

This data is also displayed in tab "Transport List" (and the number of generated transports is affected accordingly).

Presence of multi-week recurrence is visible in screens "Reception Schedule Overview" and "Delivery Agreement Overview". Here, the longest recurrence period is displayed.

The function is available for both "inbound" and "outbound" data, in both PipeChain client and web client.

In web client two additional minor changes were made:

- in "Transport List" the difference between "deleting an Extra Transport" and "cancelling one row of a Weekly Transport" is clarified
- the default visible columns in Cancelled Transport are now fewer than in the Transport List

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Release Date: 2017-11-15

Forecast accuracy order graph on the web should retrieve order accuracy.

Forecast accuracy order graph on the web presented forecast accuracy, not forecast accuracy order. Forecast accuracy order graph on the web now retrieves forecast accuracy order as intended.

Split rows should activate change of time in confirm dialog.

Split rows does not activate change of time of rows in confirm dialog making it impossible to confirm a split row that at split has a date that was closed or not allowed. If a user split a row, the new row's time functionality should still function as previously. If the shipment time have been changed the reception time should be updated, and if the reception time have been changed then the shipment time should be updated.

Added options for saving new users.

Added options for saving new users. If a user click on "Save" when creating a new user in user management in the web the user will be able to edit the user that was saved. If a user click on "Next" the user will be saved and a new dialog for creating more users is opened.

Duplicate error on goods receipt

There was an error "Duplicate! We already have such a record" that happens time to time when processing transaction CS06 Goods Reception that is not corrected.

The error occurred at least in following the cases.

Case A:

- 1.) The exist no deliveries or suggestion for the product
- 2.) There is one finished delivery with shipped qty that is greater than received qty for the received delivery note
- 3.) The received quantity is greater that the diff between shipped qty and received qty according to item 2.

Case B:

- 1.) The exist one split delivery for received delivery note where one part is shipped and the other part is received(finished)
- 2.) The finished delivery has shipped qty that is greater than received qty for the received delivery note
- 3.) The received quantity is greater that the diff between shipped qty and received qty according to item 2 plus the shipped qty according to item 1.

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Deviation Mail (MS02) changes

Removed the "Reject Information" field from the XML in the MS02 Mail transactions. If reject information exists, it is written as confirmation information instead and the confirmation information is discarded.

Export to Excel has reduced memory footprint

Exporting to Excel will now consume less memory in Tomcat, especially for large documents.

Removed offline functionality of webstart client

Removed the offline support for launching webstart client and enforcing update of client at each start when starting from the web JNLP launch file. As offline functionality is gone the prompt that appears for the user asking for manual update is also removed.

Inbound Order (web screen) - Better performance when exporting to Excel

When exporting Inbound Orders to Excel, the columns displaying the number of lines with Red and Yellow Alerts are no longer included. This will dramatically reduce the time for large exports.

Order Lines to Ship (web screen) - Performance

The screen "Order Lines to Ship" is now a little bit faster.

Prepared for phase changes in delivery suggestions.

Users were unable to view or do changes related to delivery suggestions as delivery suggestions were not adapted for the new phase in and phase out functionality. Prepared for phase changes in delivery suggestions.

Update of flow model should retrieve work days.

If a flow model is updated and a negative virtual flow is generated, the work days calendar used for calculate the flow should be attempted to be retrieved for calculations. If it fails to retrieve the work days calendar, an exception will be written to the message log and calculation stopped.

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Use supplier's timezone when retrieving closed days.

Closed days were retrieved with different timezones if the user's and the server's timezone differed.
Use supplier's timezone when retrieving and handling closed days in the web.

Delivery Suggestions: buttons for Generate and Delete Delivery Suggestions were missing

Added button for Generate Delivery Suggestions in inbound Web screens Customer Product Duration Meter, Customer Product and Delivery Planner.

Added button for Delete Delivery Suggestions in web screen Partner Agreements.

Enabled context menu action Generate Delivery Suggestions for site admin role in Java Client screen Delivery Agreement Overview.

Screen "Monitor Supplier Overview" miscalculates "Suggestions to Confirm"

"Monitor Supplier Overview" shows a lower value for "Suggestions to Confirm" than the number of "Late Confirmations" found in screens "All Order Lines" and "Delivery Planner".

This occurred for order lines in status "Suggestion" that also had a "Late Shipment" remark.

Simple Search function temporarily removed from report screens

Temporarily (to increase screen performance) removed the Simple Search setting and the Simple/Advanced buttons that controlled the search setting, and made the Advanced Search setting the default setting.

Temporarily changed the Reset button functionality to set Offset fields to 0 as well.

Made the reset button appear when any offset field is not 0.

Added Inbound and Outbound Performance Report to the list of displayable views in the Dashboard.

All (web) Invoices screen was very slow for some suppliers

All Invoices screen now takes into consideration that not all invoices have connections to despatches, thus speeding up the database query significantly.

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Added more attributes to the CS65 transaction (Inbound Receiving Finished)

More attributes has been added to the Inbound Receiving Finished CS65 transaction. The following changes have been made:

- WarehouseId attribute was added to the OrderHead element.
- PartnerAssignedCustomerAddressId and PartnerAssignedCustomerId has been added to the Customer element that is inside the Orderhead element.
- DeliveryNoted, IsRemainder, ReceptionFinished and RemainderRowNo has been added to the OrderLine element.

Severity tool tip correction in Delivery Planner (safety and max balance were not viewed)

Safety and Max balance were not used when calculating balance severity in Tool tip in the Delivery Planner. Populating the safety and max balance from the delivery agreement and use them in the delivery planner view in the web.

Added close buttons to edit adress dialogs.

Some edit adress views in the web lacked a close button. Added close buttons to edit adress dialogs.

Force refresh when closing the calendar screen.

The calendars in the closed days were not refreshed when a user clicked close. Added a force refresh when a user close modal in closed days in the web.

Added description to selected property 388 and 389.

Added description to selected property CONSIGNMENT_STATUS_MAILS (388) and RECEIVE_MAIL_BODY (389).

Remaining quantity to receive was not calculated correct when processing PW51 delivery Schedule

Remaining quantity to receive was not calculated correct when processing PW51 delivery Schedule. This was the case updating an confirmed order line. This error is now corrected

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Invoice Line Fees were displayed on empty

Invoice line fees are now visible (expanded) only when line fees with values exist.

Confirm Order: Chinese date time format was not supported when updating Shipment Time

The input calendar for updating Shipment Time in Confirm Order dialog now supports Chinese 12h date time format

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The + button beside date in report screens temporarily hidden

In Inbound and Outbound performance report views, the report lines inside the Lines tab has had the + button that was beside the date values temporarily hidden.

Reminder mail section "Deliver to" is empty

This error was introduced september 2016 when correcting another error (reminder did not handle multiple recipients properly).
The error was corrected.

Action on installation

The correction does not require a Service Pack upgrade, but it requires that the Mail.xsl file is updated.

Deviation mail does not display the "split" line

This problem appears for integrated suppliers.
The deviation mail shows only the "original" line, which makes it look like a quantity change rather than a split.

The error occurred when processing the order response transaction (PW02).
The order line's "previous vaules" were not compiled correctly, thus no change was detected for the split line.

Changed layout of fields in the Address editing dialog

Improved the layout of the Address editing dialog. Switched the places of the Name and Party Id fields.
Moved the Address Key and Business Key fields to the bottom of the screen.

The sites shown to the user are now dependent on user privilege

The user can now only view sites that the user has authorization to view if the user is a site admin or below. A business admin can still show all sites any time.

Site name now changeable by site admin

Before, you needed to be business admin or higher to change site name. You are now able to change it as a site admin as well.

Release Notes Summary

PipeChain 2017 R2



Enabled edit button for users with configuring privilege

A user with configuring or higher privilege can now use the edit button to edit a site in the site overview screen. A user with configuring privilege can only change the Contact Information and E-mail addresses for Email Notifications. Site Admin or higher is required to change anything else.

Changed editing privilege in Product Price Agreement screen

In the Product Price Agreement screen, a user with configuring privilege can now only change the fields Price and Additional Price. The user now needs to have site admin privilege or higher to change other things in a product price agreement.

An Own User can now edit Supplier Info

An Own User with a privilege of Business Admin or higher can now edit supplier info.

All Supplier information is now visible for both supplier and own users.

All information about a supplier and their partner agreements that was separated between supplier users and own users will now be visible by both users. The editable information still has the same rules as before though.

Copying a site also copies the Reception schedule days

When copying a site in the Own Site view, the Reception schedule days are now also copied with it.

Copying a site also copies the Calendar associated with it

When copying a site in the Own Site view, the Calendar associated with it is now also copied. This only happens when the Calendar is on the site level.

The authorization profiles of a user's site profiles can now be changed

When editing a user, you can now change the authorization profiles of a user's site profiles. The required privilege level is the same as the one required for creating a new profile, which is Business Admin.

Release Notes Summary

PipeChain 2017 R2



Creating a supplier partner agreement now gives the same result in both clients

When creating a supplier partner agreement in either the desktop client or the Web client, the same result is now given, independent on the client used.

Used attachment file names rather than their link when exporting to Excel.

Used attachment file names rather than their link when exporting to Excel in "All order lines" in the web.

Closed readers.

Closed open readers to allow system to clean out unused memory and avoid blocking files.

Turned off FOP complex scripts.

FOP have a bug, #FOP-2525, that causes memory leaks in the free version of FOP if complex scripts are activated. Turned off FOP complex scripts to avoid memory leaks at PDF generation.

Added invoice status to invoice overview.

Added invoice status column to invoice overview in the web.

Adding site connection for a user did not work correctly if the profile was business restricted.

Created user could not login if the user had a profile that was restricted to a business. This was the case if the user was created on the web with role supplier

Some Transports were never found at Confirm Order

The error occurred for a transport with a longer leadtime than other transports, i.e. it had an earlier Shipment Time but a later Receipt Time than another transport.

In this case the transport with the longer leadtime was never detected, and most often the Receipt Time was computed using the Lead Time.

Release Notes Summary

PipeChain 2017 R2



Analyzer Poll could stop after saving Inventory and Delivery data

The problem occurred because VERY large numbers of cancelled order lines could be generated by the Delivery Schedule transaction (CS38 or PW51).

These eventually built up to an amount of data that could fill the heap when clearing HistoryChanged flags after saving Delivery data.

This would cause the Analyzer Poll job to halt, and the only trace would be a printout in the log file.

Now Delivery Schedule transaction creates finished order lines where the HistoryChanged flag is cleared from the beginning - thus not affecting the Analyzer.

At split or copy row in confirm order the original row should not lose its deviation code.

At split or copy row in confirm order the original row should not lose its deviation code. The selected deviation code should be kept at split or copy.

Error at printout blocks files from being deleted.

Error at printout blocked files from being deleted and the error handling was blocked making it not visible in the log. Fixed issue and thereby will remove files even if errors occurred at printout.

Removed notifications group in User Management views and set default values to removed fields

Removed the notifications group from all views and dialogs in the User Management section. The fields "Subject", "Send as" and "Extension" will have the default values of an empty string, "body" and "htm" respectively.

Added Site Connections Table to User Management View

Added a table in the User Management view where the user can see all the site connections a specific user has. You can add site connections by clicking the "Add Site Connections" button, or remove site connections by clicking the check box inside the table.

Removed the option to pick address for sites

The option to pick address for Main Address and all recipients has been removed. This affects the detail views and New/Edit/Copy dialogs of Supplier, Customer and Own Site.

Release Notes Summary

PipeChain 2017 R2



Added function to select if you want site connections to be created automatically or not when adding supplier/customer connection

When creating a BizNodeUser, there is now a button group where you can select if you want sites to be connected to a supplier/customer automatically or not when adding a supplier/customer connection. This choice will be remembered by the client and will be pre-selected next time you add a new connection.

Added tables showing site connections and site profiles in User settings and changed table visibilities in User management

In the User management view, site profiles for the viewed user can now only be viewed if the user has the role Own. The supplier/customer - site connections table could be viewed if the user had the roll supplier/customer, but it now also requires the user to have a privilege level of business admin or higher. The site connections table, where all connected sites are shown, can still be viewed even without business admin or higher.

In User settings view, all the tables mentioned above have been added and has the same rules for viewing.

Site picker no longer shows sites the user already has profiles for when adding new site profile in Java Client

In the java client, when adding a site profile for a user, the picker in the site key field no longer shows sites that the user being edited already have profiles for.

Was not able to export to excel from Ship Order Line view

Was not able to export to excel from Ship Order Line view. This error is now corrected.

Improved the memory allocation when loading views

Improved the memory allocation when loading views

It was not always possible to mark rows for ship in view Order Lines to Ship

It was not always possible to mark rows for ship in view Order Lines to Ship. This was the case when scrolling and loading a second chunk but tried to mark a line in the first chunk. Then was this error message displayed: "Could not load view, the session has been updated outside this window/tab. Please refresh"screen by pressing F5. The reason for this could be that more than 2 windows/tabs are used for this session or that a new login has been done in another tab."

Release Notes Summary

PipeChain 2017 R2



Avoid infinite looping in create invoice.

Avoid infinite looping in create invoice. Added a block of triggering of change when re-calculating fields to avoid the re-triggering of re-calculation at change.

A user should be able to select another date in outbound forecast history.

A user should be able to select another date than the current in outbound forecast history in the web.

Added outbound forecast view to the web.

Added outbound forecast view to the web. The view is used for showing outbound forecasts in the web.

Only show deviations if is deviation required is true for the deviation.

In the deviation view in the web, the deviations listed should by default only be deviations where deviation is required.

Handle quantities with different quantity separators.

Handle quantities with different quantity separators when creating barcode for delivery note report PDF. Do attempt to parse the value both as double and as integer before failing. Add better logging at failure.

Screens and panels in Java Client will show tooltip of their class to server administrators.

For server and technical administrators when hovering the mouse over a screen or panel in the Java Client, a tooltip is shown displaying the Java class that created the screen. The tooltips are only displayed on screens where the user has a privilege level of server administrator.

Do not create a deviation if deviations are missing.

Do not create a deviation if there are no earlier created deviations of the order when shipping confirmed orders in the web.

Release Notes Summary

PipeChain 2017 R2



Do not log deviations at despatch if no deviation have happened.

When a user ship a despatch in the web, do not log deviations of a despatch if no deviation have happened.

Performance improvement of inbound order view.

Performance improvement of inbound order view in the web for users with a lot of active orders. Can cut off more than 90% of the time required for loading the inbound order view for specific users.

Better logging of failed logins

We have logged successful logins and logouts to MessageLog for a long time. Since we have increased the default security level, it has become more interesting to monitor also failed logins.

Partner Agreement transaction (CS44) does not handle "Default Lead Time" properly

Normally, Lead Times are handled as floating point values, interpreted as "days with decimals". The Partner Agreement transaction handled it as "seconds", which most often resulted in a very small lead time, presented as "0.0d". In the System Interface it was always stated as "days". Now, Partner Agreement transaction handles Lead Time similarly to other transactions (e.g. Delivery Agreement).

Action on installation

It is unlikely - but possible - that someone has adapted to this situation. If CS44 is used, please check this.

Inbound delivery overview should not loose database connection if changed site

In the inbound delivery overview in the Java client the database connection was lost if the user changed site and tried to do an action on a given inbound delivery. Use the same model when acquiring database connection both when listing inbound deliveries and executing actions on said deliveries.

Order Response transaction (PW02) may create copies of order lines

If an orderline is split and received, a late Order Response transaction (PW02) may create copies of the "split" order lines. The error was corrected.

Release Notes Summary

PipeChain 2017 R2



The Create Invoice dialog displays wrong value for attribute "Account Currency"

It should be possible to set "Account Currency" (Selected Property 104) on the Supplier or Partner Agreement (i.e. Supplier x Site) level.

The property displays that it must be set on the Partner Agreement level only, which was very unfortunate since the code assumes that it is set on the Supplier level.

This has been changed so that it may now be set on ANY level, though Supplier or Partner Agreement level will be the most useful.

The setting was used for "Print Invoice", now it is also used for "Account Currency" in the "Create Invoice" dialog.

"Account Currency" (and "Rate of Exchange") is only displayed if it differs from "Order Currency". If currencies differ, "Rate of Exchange" is set to 0.0. This enforces the user to change it to the proper value.

Enable monitoring of negative outflow

Each PipeChain Analyzer poll computes "Real Outflow" as the difference in Balance plus incoming deliveries. This is

- stored in the Inventory fact table
- used when computing Forecast Accuracy (VMI)
- written back to "Real Outflow" in the products/buckets in PipeChain Supply

Alternatively, Real Outflow can be set by the "Sales Data Report" transactions (CS54 and PW54) and copied to the Analyzer.

Whenever a negative Real Outflow is encountered, this is added as an "information" message to the Message Log, e.g:

Inventory Poll: Negative Real Outflow discovered in Site "EKM" for Supplier "Produktion", "", product "79852298-02", "". The Real Outflow value is "from Sales Data Report transaction", and amounts to -123 456 units.

A message can also be for a "Customer", and it can also be "computed by PipeChain Analyzer".

This makes it possible to monitor these occurrences as email Events on Message Id = 500100.

Disallow negative Forecast (VMI)

Although negative outflow may happen, we see no benefit from allowing negative forecast. Mainly, negative forecast will cause very strange behaviour in the Forecast Accuracy and Forecast Bias calculations.

If a negative forecast record is encountered, it will be changed to a zero quantity, and a warning message is added to the Message Log, e.g:

Negative Flow Period found. Flow Model in Site "EKM" for Customer Id = "", "70175", Product Id = "71742205", "" has got a negative demand replaced with zero.

Release Notes Summary

PipeChain 2017 R2



Add of adress in Java client should not drop country code.

At add of a new adress in Java client, the new adress should not loose its country code at save.

"Reject Order" sends no Order Response (CS05) at "reconfirm" if Selected Property "[67] Send CS05 for Order Reconfirmation" is set to "change"

Now an Order Response is sent in the above situation. It contains all orderlines that is not "finished".

When an integrated supplied confirmed (transaction PW02) a price deviation always occurred

The same problem would occur for discount. If price and discount is always zero (i e unused) no problem occurred.

The error was corrected.

Corrections for supplier transports in the Web client

"Weekly Transports" could only be created/deleted. Now they can also be copied and edited.

The dialog box for creation was always named "Extra Transport" even if a Weekly Transport was changed.

Now it is called "Extra Transport", "Create Weekly Transport", "Copy Weekly Transport" or "Edit Weekly Transport".

RemaniderRowNo is not handled in AD40 transaction

RemaniderRowNo is not handled in AD40 transaction. RemainderRowNow from transaction is saved in order line and finished order line. The RemaniderRowNo is also used whend finding order lines to update.

Send order button was incorrect enabled/disabled in Delivery Planner

Send order button was incorrect enabled/disabled in Delivery Planner. Enabling is controlled by "Send Delivery Suggestion" attribute in Partner Agreement.

Schema error in CS33 Outbound Delivery Finished

The error caused validation errors for "correct" transactions.

Release Notes Summary

PipeChain 2017 R2



Avoid phase-out errors at CS02.

At CS02 transactions, if an outbound delivery lack a customer product node, the lack of phase-out should not longer block the transaction.

PipeChain Client: Dropdowns, Browsers, Dialogs et.c. on multiple monitors

Solved problem with various popup windows appearing on the wrong monitor in a multi monitor environment.

Invoices with RoundingAdjustment are not able to be validated

Due to an undiscovered bug introduced in Pipechain 4.8.0, invoices that are incoming by transactions and are rounded (RoundingAdjustment) will not be able to pass the optional validation check, as the check that always returns 0 instead of the correct value. This will make the transaction unable to be processed.

This issue has now been resolved.

Night Job Database Cleanup no longer quits on a single transaction conflict when cleaning up DespatchInvoiceRows.

Night Job Database Cleanup no longer quits on a single transaction conflict when cleaning up DespatchInvoiceRows.

PW51 multiple receptions of same delivery.

PW51 transactions should allow multiple receptions of the same delivery without triggering exception that OutDeliv can't be cast to InDeliv.

Changed logging from system to timing of forecast period view.

Changed logging from system to timing of forecast period view.

Transaction CS03 can now ship orderlines that are already shipped if selected property is set

Added a selected property 1073 that controls if the transaction CS03 should be able to ship orderlines that are already shipped. In such cases, the changes will be sent to the analyzer.

Release Notes Summary

PipeChain 2017 R2



Allow translation of extra rows.

Text attributes shown in extra rows in grids in the web should be translatable.

Strategy "Reduce peak delivery before closed period" caused huge quantities

Deliver suggestion quantity was calculated incorrect when changing qty for suggestion and using strategy "Distribute to Previous Transport Days" for actual reception schedule. This error has now been corrected.

Allow edit fields of top fields even if all fields are removed.

An admin should be allowed to edit fields of top fields even if all the top fields have been removed with edit fields previously.

Changes to edit view authorizations.

Fixed that a user should be able to edit Available to all users for an existing named setting (not possible to check if there is no existing saved view). Fixed that a user that does not have access to any change of Available to all users should also have Available to all users disabled. To save a view as Available to all users the user needs to be at least Site Admin in current screen plus at least Site Admin in System (Module level).

Fixed minimum height if detail list is outside viewport.

Changed minimum height if detail list is outside viewport in the web to be the requested height instead of the minimal of 30 pixels.

Attribute SiteId added in the Sender element for outgoing transactions

The attribute SiteId has been added in the Sender element for outgoing transactions from PipeChain, from transaction version 5.1.0 and forward.

Please note that attribute is sent if the actual transaction sent is single-site, whether or not if the schema is multi-site or channel settings.

Release Notes Summary

PipeChain 2017 R2



Inbound Delivery Overview: Register Reception dialog was connected to the wrong record

Inbound Delivery Overview: Reception Registration dialog is now connected to the correct record in the Overview screen.

Changed column header for User Profile

Changed column header from "Id of authorization profile" to "User Profile" for User Profile in a table.

Changing Address for Supplier requires additional privilege

When changing Address for a Supplier, the user must now also have Site Admin or higher privilege for the Address view, in addition to the current requirement for the Supplier view.

In Address dialogue, changed Party Id to Address Id

In the Address dialogue that appears when creating, copying or editing an Address, the Party Id field has been renamed to Address Id. The translation of this field is separate from the translation of Party Id in other places.

Partner agreements can now only be created from a site, and are now shown depending on supplier/customer instead of logged in user.

You can now see all partner agreements connected to a supplier in the Supplier view, regardless of what privileges the logged in user has. Editing agreements are still dependent on the privileges of the logged in user though.

You can no longer create/copy/delete new partner agreements in the Supplier view. That can now only be done in the Own Site view.

Changed Card name in Supplier view

The "Contact" card in the Supplier view could have the header "Customer Contact", "Contact" or "Supplier Contact" before, depending on the logged in user's role. Now it will always have "Supplier Contact".

Release Notes Summary

PipeChain 2017 R2



Picker for User Profile added to Site Connections and Supplier Default User Profile is now assigned to newly added site connections

In the User (Management) screen, you can now select the user profiles for the user's site connections. The running user can only set user profiles that have equal or lower privileges than themselves. When adding site connections, the user profile set by default will be the one set in the Supplier connections.

InDelivPlanner: Unlock locked suggested deliveries in night job

Added script to night job "Database Consistency Check" for automatically unlocking suggested deliveries in status "Locked".

You can now only pick sites with Supply application unlocked when adding sites to user

When adding a new site to a user in the User view, you are now only able to add sites that have the Supply application unlocked.

Changed privileges needed to add/remove sites and to change user profile

In the User (Management) view, you now need Site Admin or higher privilege to add/remove sites, and you need Business Admin or higher privilege to change the user profiles of existing sites.

Fixed null error when changing shipment time for a shipment

A null error will no longer appear when changing the shipment time for a shipment.

Deviation mail did not consider if Shipment Time or Reception Time was used

Deviation mails are only sent when triggered on the used time type (Reception vs Shipment) and the notification contains only the correct time type data.

Users should be able to sort despatches after number of packages.

Users should in the web be able to sort despatches in the despatch overview after the number of packages. Fixed issue that ordering by delivery's number of packages were not applied.

Release Notes Summary

PipeChain 2017 R2



Invoice Amount in Sellers Account Currency not aligned

In the case of Invoice printouts that are printing Invoice Amount in Sellers Account Currency (invoice currency differs from sellers account currency), sometimes the text will wrap and the following lines will not print their label and text aligned correctly.

This issue have now been corrected on the standard invoice printout. Customised printout are not affected. Please contact your account manager to find out if your printout is customized, in which case, it has to be manually edited to benefit from this change.

Site admins should be able to cancel deliveries

Site admins should be able to cancel deliveries in the Java client even if they work according to a VMI process.

Selected property 1026 should not block creation of consignments.

Selected property 1026 should not block creation of consignments if there's no consignment to be picked in the shipment dialog in the web.

Site Picker in Site Activity no longer shows duplicate sites

When creating a new site activity, the site picker will no longer show duplicate sites.

Added new column "Move Receipt Time" to the Transport List grid

In the Inbound Reception Schedule Details view, the Transport List grid now has a new column named "Move Receipt Time" in which the user can enter a number of days they want to move forward a transport's receipt time. This will cancel the current transport and add a new Extra transport with the new receipt time. Negative values can be entered as well, moving the receipt time backwards instead, but a transport can't be moved to a date before the current day's date.

Delivery suggestion generation stopped unexpectedly

The delivery suggestion generation caused date overflow when first day was closed and virtual balance was negative(back log) and had zero out flow. This error is now corrected.

This error message was created in log file: "Overflow in date calculation"

Release Notes Summary

PipeChain 2017 R2



Extend logging of delivery agreeemnt.

Added logging of when and who made larger changes to the delivery agreement as columns in the database. Added logging of critical balance and defect hour interval and logging of product expiration date will only happen if there is more than a minute difference between the new and the old date. Added logging of when a delivery agreement is disabled. No logging of smaller automatic changes of ex. lead time will happen. Added the information to their respective detailed view in the Java client.

Action on installation

Execute the extra database script PIPECHAIN_050100_TO_050200_PASS_08_Config_Update_MSS

Java Client will now ask the user to download the latest version if the current one is old

When logging in to an old version of the Java Client, a message will pop up, telling the user to download the latest version. The user can either click "Exit and Download Now" to exit the client and get redirected to the web client to download the latest version, or just ignore it by clicking "Download Later".

Fixed Java client redirecting the user to the wrong link when client is old

The Java client will no longer redirect the user to a localhost link when the user wants to update an old client.

Reminder emails to suppliers: order/order line details added

Reminder emails to suppliers are able to display more details on order/order line.

AVLProbe login and MAComCheck.

Changed security login to prefer HTTP headers rather than query parameters for AVLProbe login authentication. Moved MAComcheck to service at /macomcheck to be used instead of sending macomcheck as a parameter. The macomcheck parameter will now only be used for maximum lag parameter, and not as if to allow macomcheck or not.

Action on installation

Nagios monitoring must have a unique macomcheck call rather than the standard macomcheck call with a macomcheck parameter.

Negative durations in views

Added support for negative durations in Excel, outbound transactions and in graphs. Still blocking the use of negative durations in settings.

Release Notes Summary

PipeChain 2017 R2



Cancel confirmed deliveries in the web

All deliveries, even confirmed, should be cancelled in the web if they are confirmed with zero delivery quantity. Even the delivery planner in the web should cancel all deliveries if their delivery quantity is zero when the delivery is confirmed, though requires that reject is allowed and deviation code is not required at cancel.

Fixed issue that blocked despatch while using despatch packages.

Fixed issue that blocked despatch while using despatch packages with the error message that delivld was missing. Removed delivld from despatch package views in the web.

Custom date/time format pattern exception handling

Improvement of exception handling when date/time pattern for custom format is invalid

Do not treat stock value and stock days as percentages.

Do not treat stock value and stock days as percentages when presenting said pivot KPI values in the web graphs.

Links from Monitor views sets an Advance Search in target views

The colored counters in monitor views are normally links to another view, that displays the details behind the counters. In order for the link target view to display roughly the same data as indicated by the monitor counter, we now use the normal "Advanced" search system. This means that the user is free to further explore his data by modifying search conditions.

Import of forecast should be a delivery agreement change.

Added logging at import of forecast changes in a delivery agreement. Removed logging of when a date is saved as end of time. Avoided an update of product expiration date as now each time a delivery agreement changed.

Release Notes Summary

PipeChain 2017 R2



Links from Monitor views sets an Advance Search in target views

The colored counters in monitor views are normally links to another view, that displays the details behind the counters. In order for the link target view to display roughly the same data as indicated by the monitor counter, we now use the normal "Advanced" search system. This means that the user is free to further explore his data by modifying search conditions.

Sort by urgency in views with duration meters

The sorting by "Urgency", that's available in views displaying duration meters, didn't always work. That is now solved.

PipeChain 2017 R2 05

Release Date: 2018-03-26

Removed some errors in view Net Demand and Gross demand

Flowing errors in Net/Gross demand has now been corrected.

1. Some group by combinations did not work correct. To many rows could be displayed.
2. Rows could be displayed twice.
3. Sort by siteld, Site Name was not possible.
4. Sort on some columns other than site, supplier or product caused errors. This sort options has now been removed.

Gross Demand screen may show outflow on wrong day

If the User has a TimeZone later (more western) than the timezone where the flow model is defined, the outflow is shifted one day.

The error was corrected.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 06

Release Date: 2018-04-17

Invoices created from transactions will now display the Name of users with "pTempUser" in their username

If a reference field in an invoice created from a transaction contains a temp user (user with "pTempUser" in their username), the Name of that user will be displayed instead of their username.

Increased security.

Increased security to follow GDPR standards with recommendation to enforce a update of passwords for all users after upgrade. If Unifaun or Analyzer integrations are used, please update any passwords related to said systems as to allow PipeChain to trigger increased password encryptions. Note that no extra changes have been made regarding visible passwords in PipeChain views, the change mainly affect database security. To apply maximum security for an installation, please add the key "pipechain.security.key" to the servlet.properties, server.properties and client.properties files. The key must be identical for all files for the same installation cluster, though should preferred to be unique for each new installation. Do not change "pipechain.security.key" after it's been chosen, as the instance a password have been changed after the "pipechain.security.key" setting have been chosen, any new changes to "pipechain.security.key" will cause said password to become corrupted.

Action on installation

After upgrade any user that is using the PipeChain receive calendar integration with Outlook will have their Outlook integration stop working. Please inform all users that may be using an Outlook integration to subscribe again to PipeChain in Outlook, after that they've updated their passwords. Any passwords related to the Analyzer, Unifaun or MACom may be corrupted by the upgrade, so please verify that they are not corrupted after the upgrade.

Removed user password encryption

Removed user password encryption as to avoid issues with protected users at upgrade.

Despatch view in the web should only show supplier despatches.

Despatch view in the web should only show supplier despatches as the view only support supply despatches.

A user should always be able to toggle global edit views to non-global.

A user that lack site admin access for the privilege group that the user's role belong to or lack site admin privilege for the system privilege group should not be able to toggle a Edit View to be global, though should be able to toggle a new Edit View to be private. Added tooltip that informs the user if the user lack privilege to toggle is global to the Edit View checkbox.

Release Notes Summary

PipeChain 2017 R2



Forecast Delivery Period - Performance

Forecast Delivery Period is a very performance heavy screen, that potentially needs to analyze a colossal amount of data. It should now work a lot faster than before.

Hint: It can be even faster if you hide the columns "Contact Name" and "Last Adjusted".

IKEA Industry M3 Converter now writes PDDT instead of CODT after a reconfirm

When reconfirming an order, the IKEA Industry specific M3 Converter will now write a PDDT element instead of a CODT element when converting a CS05.

The CS05 now also includes an new attribute showing if it is a reconfirmation.

Action on installation

In the MACom Channel that will be sending the CS05, in the Mapped Transaction Types tab, the release number for the mapping of CS05 must be set to 5.1.0 or higher.

Avoid nullpointer exceptions at copy of user

Avoid nullpointer exceptions at copy of user as of that there's no main user used at new state at creation of custom format list in the user management view in the web.

Java WebStart should use the same login regardless if HTTP or HTTPS communication.

Stopped Java WebStart from blocking users from logging in if logging in over HTTPS. Java WebStart should use the same login regardless if HTTP or HTTPS communication.

Enforce AES-128 encryption of type 5.1.0 on internal passwords.

Enforce AES-128 encryption of type 5.1.0 on internal passwords. The removed security also had the side effect to impose a non-secured decryption of internal passwords that made it harder to administrate properly.

Notes did not always show up in the overview screens

This affects overview screens that display "worst note", i.e. Own Products and Inbound Deliveries.

Brand new Notes (created AFTER the screen was displayed) did not always show up.

If the screen was visited at a later point, all Notes would show up.

Release Notes Summary

PipeChain 2017 R2



Own Product attributes "Product Boolean 1-4" are cleared by Product Definition transaction (CS08)

Attributes "Product Boolean 1" - "Product Boolean 4" can be set in the screen, but not by the transaction.

Then a CS08 transaction updates the product, the attributes were set to false (unchecked).

The error was corrected.

The "Move Receipt Time" function in the Transport List grid now properly updates the reception week day

In the Inbound Reception Schedule screen, when moving a reception time with the "Move Receipt Time" column, the reception week day will now be updated properly.

Increase max length of invoice number of analyzer delivery table

Increased max length of invoice number of analyzer delivery table to allow scripts to enable 200 characters length of invoice numbers of fact deliveries. Used to avoid issues of inbound deliveries stored as fact delivery with invoice numbers longer than 35 characters.

Inbound deliveries should be able to be exported to Excel even if ordered on a specific column.

Inbound deliveries should be able to be exported to Excel even if the deliveries are ordered by on a specific column in the web.

Allow shipping of despatch with packages with more than forty invoice rows.

Allow shipping of despatch with packages with more than forty invoice rows in the web. At shipping of despatch all rows will be shown at load of the view in the web as to avoid issues when invoice rows are loaded that are not adapted for the previous rows.

Changes to the order clause in gross demand should not block the view from being used.

Changes to the order clause in gross demand should not block the view from being used. If a user uncheck the product group by checkbox then the gross demand view in the web should still function.

Release Notes Summary

PipeChain 2017 R2



Everyone with user management access should be allowed to see new users that lack privilege.
Everyone with user management access in the web should be allowed to see new users that lack privilege.

Despatch date deviation not to color shipment time red in inbound delivery overview

If there was a despatch date deviation, shipment time was marked with red background color. This has now been changed so now shipment time is yellow in inbound delivery overview and detail. Also the sum in PipeChain Supply Overview is correct.

The coloring follows the following rule:

Yellow = Deviation compared to confirmed (in this case Despatch Deviation regarding Shipment Time (days) and Receipt Time (days))

Red = Late (broken promise)

Inventory Chart, Closing Inventory erroneous when timezones do not match

The Inventory Chart should be computed and presented in the context of the timezone where the product is defined.

Now when most screens are "multisite", the Inventory Chart could be presented in the context of any site (with its own timezone).

If a User had his own timezone (for presentation) this could also differ from the desired timezone.

Both problems were corrected.

Sometimes Inventory Graph shows (the same) quantity in both Backlog and Today.

There was a mixup between "historical backlog" and "backlog to show". The latter sometimes contain today's quantity.

The error occurred in presentation only, it did not affect suggestion generation.

It often became evident when exactly the same quantity was regularly displayed in the Backlog and Today rows in the Inventory Graph.

PipeChain 2017 R2 07

Release Date: 2018-04-18

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 08

Release Date: 2018-04-20

Extended logging of reception schedule

Added logging when making changes to the transport list of a reception schedule. Made it more common to see full user names when logging reception schedule changes. Removed logging double reset to zero as a change.

Allow change of delivery note id with simple order management as a web user

Allow change of delivery note id with simple order management as a web user. A delivery note id of an inbound delivery can now be changed in the delivery detail view if it's a simple order management process (SP 13), there is max one delivery note id registered for the delivery, the delivery has no despatch connected to it and the user has a minimum privilege of user for the delivery detail view.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 09

Release Date: 2018-05-15

Edit delivery agreement: "Cancel" button should be "Close"

Edit delivery agreement: Changed "Cancel" button to "Close" (Close dialog)

Support 1024x768 pixels in Java client.

Support using the views own site, inbound delivery agreement detail, inbound partner agreement detail and outbound partner agreement detail for down to 1024x768 sized screens in the Java client.

Allow grouping shipment of inbound order lines by final destination

Allow configuring process to allow grouping shipment of inbound order lines by final destination in the web. Added selected property IS_DESPATCH_BY_FINAL_DESTINATION (10032), that if the selected property is 'true' for business type supplier, then the deliveries in the web are also divided for suggested despatches in the "ship order lines" view for each unique final destination of the deliveries of the possible despatch.

CS40 PurchaseOrder transaction could find wrong delivery to cancel when split exists

During certain conditions, the CS40 PurchaseOrder transaction could find wrong delivery to cancel. I.e. when a split exists, and the original line is deleted from the database, or never existed in the first place. This issue occurs because of a legacy implementation for remainderRowNo (split no) and has now been corrected. Other transaction readers (PW40, AD40) contains the correct implementation.

Increased loading and scroll speed for Inbound Order Overview Screen

Separation from the web client framework has made it possible to optimize the Inbound Order and Finished Inbound Order Overview Screens for faster loading and scrolling.

Numerous errors when receiving Flow Model transactions (CS21)

Appeared as a cast-error. The flow model was received anyway. This error was corrected.

Release Notes Summary

PipeChain 2017 R2



Add buyer contact to order lines from their order.

At CS40 transactions to PipeChain, if order lines do not have a ContactPerson1 the order lines' contact user name will be populated from their order's contact user name. Added a new column that contains the name of the created user in the delivery views in the web.

Order number in beginning of subject in Order Confirmation Deviation Mail

Requests has been made that the order number in the Order Confirmation Deviation Mail should be listed in the beginning, not the end. This has now been changed.

Previous subject was: Order Confirmation Deviation from supplier [Supplier Number] ([Supplier Name]). Order [Order Number]. The subject is now: Order [Order Number] Confirmation Deviation from supplier [Supplier Number] ([Supplier Name]). "

Next Delivery Init Duration differs between Own Product Overview and Inbound Deliveries

There are several possible causes:

A - If there are multiple deliveries with the same Receipt Time and Delivery Status, the "Next" delivery was ambiguous. This situation is now made unambiguous by always selecting the lowest Delivery Id as "Next".

B - The Delivery computed "Duration until shortage" (correct), whereas the Product computed "Duration until zero balance" (incorrect, is now changed).

Order Response and Despatch Deviation failure to send

Due to a bug introduced in a previous service pack (SP04), the Order Response and Despatch Deviation mail would fail when sent from a non-interactive source, like a transaction.

This issue has now been resolved.

The weekday of an extra transport could be erroneous

A transport's shipment time and weekday is presented in the shippers timezone, its receipt time and weekday is presented in the receivers timezone.

The weekdays were not always correctly computed.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 10

Release Date: 2018-05-28

Improved error message when there are duplicate Package No in CS03

When processing a CS03 transaction, the error message that appears when a shipping registration contains despatch packages with duplicate Package No has been improved and will now tell the user what actually went wrong.

Allow delete of inbound deliveries with the delete button in the overview.

A user should be able to delete of inbound deliveries with the delete button in the delivery overview in the Java client without receiving internal error exceptions.

New way to match order lines when processing DESADV and RECADV (none SMI)

DESADV PW03 processing:

- 1.) Order lines are set to fully shipped even if the DESADV qty is less than the order line qty. No split of order line is done.
- 2.) If DESADV qty exceeds the order line confirmed qty then is next order line shipped until DESADV qty is consumed.
- 3.) If several DESADV transactions are processed with the same Delivery Note Id then is the same order line used for shipping registration. The result will be the same as reporting the total qty in one DESADV.
- 4.) The DESADV can be processed even if the order line is received. In the case that the receiving advice RECADV is processed before the DESADV or in the case that the second DESADV is processed after the first RECADV.

RECADV Receiving advice, PW03 processing:

- 1.) Order lines are set to fully received(finished) even if the RECADV qty is less than the order line qty. No split of order line is done.
- 2.) If RECADV qty exceeds the order line confirmed qty then is next order line shipped until RECADV qty is consumed.
- 3.) If several RECADV transactions are processed with the same Delivery Note Id then is the same order line used for receiving. The result will be the same as reporting the total qty in one RECADV.

The new way to process DESADV, RECADV can be turned on by Order Boolean 1 in Partner Agreement\Order Data

Added Sales Contact and Order Reference Id (conditional) to MS02 Deviation Mail

Added Sales Contact Person information to MS02 Deviation Mail. The mail additionally shows the orders Reference Id as "Customer Order Id" if the order subtype is "Customer Sales order".

Also fixed a issue where email contact information might not always be shown.

Release Notes Summary

PipeChain 2017 R2



Forecast Accuracy graphs will now always show values 0-100 on the left Y-axis

When displaying the Forecast Accuracy graph or Forecast Accuracy Order graph, the left Y-axis will now always show values 0-100. The graphs will now also be scrolled to the right by default, showing the "now" value.

Impossible to delete a Supplier Group or Customer Group

Always caused a "Transaction Conflict".
The error was corrected.

Rounding error gives an extra package when creating packages

Resolved the issue where, due to an uncertainty factor in the low-level mathematical representation, an extra package could sometimes be created when there should be none. This could occur when the remainder of the quantity to ship and the quantity per package is zero. (I.e. quantity to ship 1676.4 and quantity per package 558.8 should give exactly three packages with 558.8 items each, but gives four with 558.8 each.)

Bugfix: Cannot create new user

When attempting to create a new user, it might fail with the message "Illegal null value for column UserDef.TimeZoneID". This problem is now solved.

Deviation mail did not consider Selected Property 355

HIDE_TIME_DATA_IN_NOTIFICATIONMAIL

Added a new value to Selected Property 355 HIDE_TIME_DATA_IN_NOTIFICATIONMAIL:

<3> = According to time Supplier is working with

This setting will send deviation mail according to Shipment or Reception Time, depending on what time Supplier is configured to work with (Shipment Time, Reception Time or Terms of Delivery Code)

Green balance added to PW25 and delivery note id added to CS65 and CS66

The outgoing messages PW25, CS65 and CS66 has been extended with some new attributes. CS65 and CS66 has been extended with delivery note id. PW25 has been extended with Green balance in the delivery agreement data.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 11

Release Date: 2018-06-07

Delivery Planner will now log delivery changes

When confirming a transport, any changed deliveries will now produce a message to the log.

Null-pointer in the ReceivingFinished transaction

Happens when a Delivery that has no assigned Order gets fully received, both transactional and manual use cases.

Could not create a new Web User

It was possible to create as a copy, but not as a new WebUser.

The Delivery Agreement Overview screen became VERY slow if the Replenishment Class plugin was used.

The plugin controls editability of several columns. This required a test that proved to be slow and very frequently called.

Stock chart modal shouldn't auto-close if a user re-opens the inventory charts.

If a user opens an inventory chart modal in the web, if the user select another tab than the original tab and then click back to the original tab then the modal should not close itself. The modal should be shown with the newly pressed tab as view.

When a Finished Inbound Delivery is revived, its DelivId is sometimes changed

This only applies if Selected Property 13 "Is Simple Order Management" is set.

A "split" delivery may have a suffix, e g "12345-1" (if it was split from original delivery "12345").

If such a delivery was revived (i e backed to an active delivery status) and the original delivery was also finished, the suffix would be lost.

The error was corrected.

Release Notes Summary

PipeChain 2017 R2



Recurrence feature in Weekly Transport was hard to understand

The Recurrence "Start Date" could easily be misunderstood.

Its function is to point out a certain week in a biweekly (triweekly etc) week series. Any date in the desired week series is accepted.

It has never meant that the transports should START at this date.

The label is now changed to "Ref Week Date" with tool tip "Any date, in any week, of this recurrence series".

CS21 (Flow Model) gets a "cast" error

A "cast" error (Cannot cast BOOwnFlowModel to BOSupplPartialFlowModel) would appear when receiving a CS21 transaction when there were more than one supplier.

The same error would appear when attempting to change the "Share" between multiple suppliers. The errors were corrected.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 12

Release Date: 2018-06-15

After shipping a part of the quantity, the remaining row would occur multiple times

The remaining row would occur as many times as a shipping was made due to an unfortunate JOIN when reading from the database.

Cannot delete a Reception Schedule or a Partner Agreement

Delete would always fail with a "Transaction Conflict" exception. The error was corrected.

Bugfix: Group shipment by Final Destination

Correction of default value for selected property [10032] Use final destination when grouping deliveries for a despatch. Default value is false.

Sortorder "Reception Time" does not keep supplier deliveries together

This error was introduced in 2017 R2 SP 09 in an attempt to improve the computation and presentation of "Next Delivery Init Duration".

The sort order is now modified, so that supplier deliveries are kept together, but the "next" delivery is still unambiguous.

Changes to Own Site cannot be saved if PO prefix equals RO prefix

The logic was changes so that two blank prefixes are allowed. Two non-blank prefixes are still not allowed.

Deviation on shipment time was not always triggered

Deviation limits on Shipment/Reception Time at Confirm were sometimes overwritten by Despatch deviation limits in the internal cache.

Release Notes Summary

PipeChain 2017 R2



Wrong weekday of extra transport when supplier and customer in time zones far apart

The weekday of extra transport in the reception schedule could be erroneous. Especially when the supplier and customer are in time zones far apart. The problem is now corrected.

Inbound Partner Agreement screen did never allow editing of the Customer Manages Agreements attribute

Now the attribute is editable for all Admin users.

The logic of Data Exchange attributes were also changed for Inbound Partner Agreement.

Now they are editable:

(inbound agreement) if "Use Automatic Data Exchange" is set and "Customer Manages Agreements" is set

(outbound agreement) if "Use Automatic Data Exchange" is set and "Customer Manages Agreements" is not set

Minor errors in Delivery Report presentation

Three independent corrections:

- 1 - "Demand Receipt Time" did not display the correct value
- 2 - In the Java screen, many columns were not sortable (mainly shipment/receipt dates)
- 3 - "Announced Rcp Time" was displayed as "Rcp Time" (there is also an "Actual Rcp Time")

Duration meter symbol truck was not removed after Delete Despatch event

Duration meter is updated to the correct symbol after Delete Despatch event.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 13

Release Date: 2018-08-22

Correction for displaying Order Reference Id (conditional) to MS02 Deviation Mail

MS02 Deviation Mail displays the order Reference Order Id as "Customer Order Id" if the order reference type is "Customer Sales order".

Monitor Customer/Supplier "Aggregate all" linked to empty product duration meters

Monitor Customer/Supplier "Aggregate All" product links are now pointing to correct search terms.

Inbound Order: Incorrect order status update when same order id occurred in several sites

Inbound order status update at e.g. ship now only considers order/order lines on the current site.

New Transaction PW66 has been added

A new transaction PW66 has been added. It contains the same information as CS66, and will be sent at the same time as CS66 is sent out, but to the supplier instead. Additional fields have also been added to the CS66 transaction, which are also included in PW66.

NullPointerException in InDelivInvestigation

There was a NullPointerException in InDelivInvestigation, that's now been fixed.

Volvo Despatch / Receipt Advice Converter can now calculate shipment time for CS40 based on Transport list

The converter for Volvo Despatch / Receipt Advice can now also convert CS40 and calculate a shipment time for it based on Transport list. The reception time in CS40 will be used to search the transport list for a transport with reception time as close as possible to the reception time in the CS40, and print the shipment time from that transport to the CS40.

Action on installation

This change does not require a new service pack update. Changes have only been made on the converter itself.

Release Notes Summary

PipeChain 2017 R2



The IsUnique property is not enforced in all use cases

The IsUnique property should enforce that no group member can be member of another IsUnique group, but this was not always the case..

Web client hangs when pressing [...] for a popup at Deviation Information, Internet Explorer

When using Internet Explorer to access the WebEDI, and the Deviation Information [...] button is pushed in the Confirm Order window, the client (web browser tab) freezes immediately. The user has to delete the browser tab and open a new one to access the webclient again. Users of current Chrome browsers experience no problems.

This issue has now been resolved.

Analyzer Poll for Delivery Forecast could not handle transaction conflicts

Transaction conflicts (simultaneous update to one object) can occur. They are generally handled by repeating the update that came last - and failed.

When saving Delivery Forecast to PipeChain Analyzer, this function did not work as expected. The error was corrected.

Forecast Delivery Period optimization and improvements

The Forecast Delivery Period screen is built on an old architecture solution to fetch data. Re-wrote to use the new architecture, which increases the data retrieval speed with a factor of about 50. Now, the main time is spent generating the viable on the server and on the client (browser).

Also created logic to prevent very large amounts of data from being fetched, as this will cause hang, and we limit this type of screen to a maximum of 1000 rows to be displayed anyway. New warning message for when this occurs, for all screens of this type.

Changed character limit for Supplier/Customer name in Inbound/Outbound Delivery Schedule screens

The character limit for Supplier/Customer name in Inbound/Outbound Delivery Schedule screens has been changed from 35 to 70.

Release Notes Summary

PipeChain 2017 R2



Shipping with deviation and "mandatory Deviation Code" did not work

If the system is setup with mandatory Deviation Code (i.e. either "if change" or "if change exceeds Deviation Limit"), shipping could not be performed with such a deviation. Even if a Deviation Code was filled in, it Code was not accepted by the system. The error was corrected.

If the error occurs in any earlier Service Pack, a temporary workaround is to set Selected Property 1563 "Use order line deviation code and text at despatch" to the value 2 (deviation code used, but not mandatory).

Action on installation

Before this correction, it was possible to create more than one Deviation Code object with the same Deviation Code string.

This was not an intended "feature" and I have now ruled this out, so now the Deviation Code string functions as a key.

In the unlikely case that there exists identical Deviation Code strings, one of them ought to be changed. I have checked several databases without finding any such case.

If both Inbound Delivery Report and Outbound Delivery Report are shown in the Dashboard, they sometimes show the same data.

Both reports would sometimes show identical (outbound) data. The error was corrected.

Detailed control of what types of transports a user can create, edit or delete

We have improved administrator's ability to allow or disallow users to create edit and delete Weekly or Extra Transports in the "Transport Schedules" section of the Supplier screen.

There are four new Screen elements in the "Web Supplier" Module in the Profile screen:

- "Create Extra Transport" (11676)
- "Create Weekly Transport" (11677)
- "Copy Weekly Transport" (11678)
- "Edit Weekly Transport" (11679)

User is allowed to create an Extra Transport if he has a privilege higher than "Not Authorized" for the "Create Extra Transport" screen.

User is allowed to create a Weekly Transport if he has a privilege higher than "Not Authorized" for the "Create Weekly Transport" screen.

User is allowed to copy a Weekly Transport if he has a privilege higher than "Not Authorized" for the "Copy Weekly Transport" screen.

User is allowed to edit an existing Weekly Transport if he has a privilege higher than "Not Authorized" for the "Edit Weekly Transport" screen.

User is allowed to delete an Extra Transport if he is allowed to create one.

User is allowed to delete a Weekly Transport if he is allowed to create or copy one.

User is allowed to cancel a Weekly Transport if he is allowed to create, copy or edit one.

User is allowed to undo the cancelling of a Transport if he's allowed to cancel.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 14

Release Date: 2018-08-23

Contact Name now searchable and sortable in All Order Lines screen

The field Contact Name is now searchable and sortable in the All Order Lines screen.

Confirm Transport in Delivery Planner no longer overwrites Purchase Order Id with Replenishment Order Id

When confirming a transport in the Delivery PlannerConfirm, Purchase Order Id will no longer be overwritten with Replenishment Order Id.

Critical time added to PW25

The outgoing message PW25 has been extended with some new attributes. PW25 has been extended with Critical time in the delivery agreement data.

Validation of invoice for TaxAmountInAccountCurrency

Implemented two validation checks in use with selected property 71:

1. Compare each TaxTotals TaxAmount vs TaxAmountInAccountCurrency
2. Compare each TaxTotals TaxAmount vs Tax Base Amount and Tax Rate
3. Compare the sum of each TaxTotals.TaxAmount vs the total, ie InvoiceTotals.TotalTaxAmount.

Added Safety Balance and Max Balance columns to Out Deliveries grids and Customer products grids

Safety Balance and Max Balance columns has been added to all Out Deliveries grids and Customer Products grids in the Java Client.

Release Notes Summary

PipeChain 2017 R2



WebShop order screens fail if user try to sort on customers Delivery Address Id

The error would cause a "Failed to open a database cursor"-error, which made the order screens impossible to use.

Since the sorting order has been saved, the problem cannot be solved as a SP upgrade only, the erroneous record must also be deleted from the database.

If this error happens, first try to logout and login. If the error persists, please contact PipeChain support.

It was also impossible to search on customers Delivery Address Id. Both errors were corrected.

The customer selector does not work in screen "All Finished Order"

Regardless of selected customer "All customers" would appear. The error was corrected.

CS05 InboundOrderResponses sends duplicates of AdditionalInformation

There is an issue where CS05 Inbound Order Responses can send duplicates of AdditionalInformation elements. This issue has now been resolved.

Corrected nullexception bugg for PW03 InboundOrderResponses transaction

A bug has been found that could cause the PW03 InboundOrderResponses transaction reader to crash, seemingly without any cause. This issue has now been amended.

PipeChain 2017 R2 15

Release Date: 2018-09-30

Null pointer exception in CS66 and PW66 fixed

The null pointer exception in CS66 and PW66 has been fixed.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 16

Release Date: 2018-11-15

Some Invoices cannot be cancelled due to error "Transaction Conflict on Invoice Fee"

This happens if the Invoice has an Invoice Fee on a line (i.e. not on the Invoice head).
If this error occurs, contact PipeChain Support.

Analyzer Poll background job could execute longer time than expected

Background:

Deliveries in pipechain can have "late changes" for several reasons, e.g. invoicing was made or the delivery was backed from finished to active.

Such changes have been handled by PipeChain Analyzer for a long time, but they were NOT handled when updating the KPI-tables (these are used for Report screens and Management Dashboard screen).

From version 2017, this was handled also in the KPI-tables.

However, a program error meant that far too many deliveries were detected as "late changes". This could cause the Analyzer Poll background job to execute far longer time than expected.
The error was corrected.

The Flow Model transaction (CS21) often failed, either with a cast-error or a transaction conflict error

Both errors appeared for products with multiple suppliers, and both errors prevented the flow model from being updated.

The transaction conflict could also cause some performance issues (slow transaction execution) when appearing frequently.

Deviation Code was not handled correctly in the Ship Order dialog

If a Deviation Code had been added at Confirm, it did not show up in the Ship Order dialog.

If a new Deviation Code was added in the Ship Order dialog, it was not saved.

The errors were corrected.

Release Notes Summary

PipeChain 2017 R2



Editable web client row fields may turn grey/invisible

The problem occurs in Chrome but not in Windows Explorer. It started to appear in early november 2018 in all PipeChain versions.

It occurs in dialogs with a header and lines at the bottom, when the lines get close to the bottom of the browser window – regardless if the dialog is moved down or if the head contents of the dialog are made larger.

Text fields (editable or not) are unaffected, but fields with buttons (e.g. "Tasks", "Shipment Time", "Deviation Code") become grey/invisible. Interaction on the fields is still possible, and when you interact the fields may be briefly visible.

A temporary workaround is to minimize some of the dialog head data (i.e. click on the downward pointing arrows), so that the lines are drawn further from the bottom of the browser window.

Qty Per Package-script applied even though packages is not used

Even though PipeChain is set up not to use packages when shipping, you could receive an error stating "Quantity per Package is mandatory...". This alert should not be shown when not using packages. This faulty behaviour has now been corrected.

DeviationCode handled erroneously in both Confirm and Ship

Confirm: if ONLY DeviationCode was changed, the change was not detected and nothing was saved.

Ship: the field DeviationCode was handled correctly if the field was visible, but gave a NumberFormatException if it was hidden and also contained data.

PipeChain 2017 R2 17

Release Date: 2018-12-06

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 18

Release Date: 2019-01-18

Sometimes Cancel Order cannot be performed

Although a Deviation Code is entered, the system still demands a Deviation Code.

The error appears if the order line has a previous Deviation attached:

- if this Deviation already has a Deviation Code, Cancel Order will execute, but the order line will be saved with the previous Deviation Code.
- if this Deviation has no Deviation Code (saved with a "Deviation Code is required"-flag, possibly when system settings were different), Cancel Order cannot be performed.

The error was corrected.

There is a workaround if you have an earlier revision:

If you first Confirm the order with the desired Deviation Code, you can then Reject the order with the same Deviation Code.

DeliverySchedule transaction CS38/PW51 without order line identity

A DeliverySchedule transaction CS38/PW51 without order line identity in the XML document, gets no order line identity in the database. This has been corrected so an order line identity is generated, as long as selected property 1040 Forecast Status is not explicitly set to use the incoming id (FCCREATEORDER_USEORDERID or FCCREATEORDER_USEORDERID_STRICT).

Despatch Deviation email (MS02) could be sent although no change was made

This error could occur if a Deviation Code was entered at confirmation, and Deviation Code is not used at shipping.

The system would see a change, which would trigger a Despatch Deviation email (MS02), but no change would be visible (i.e. nothing yellow) in the email.

Confirm could fail with a null-pointer error

If Deviation Code was used, this error could sometimes occur. The error was corrected.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 19

Release Date: 2019-02-12

New Custom Background Job for creating transactions for VPT SPOT

A new custom background job has been created for VPT. When started, it will find all delivery agreements on the selected site. For each delivery agreement found, the earliest delivery is found, and information about the all the found deliveries is written to a single file. The path where the file should be created can be set by editing the parameter named "Site # SPOTFile OUTPUT" found in the background job details screen.

Undo Delivery Precision Error did not work in tab grids

The Undo Delivery Precision Error was meant to be available in overview grid screens for Inbound Deliveries and Finished Inbound Deliveries.

However, it was selectable also in tab grids for Inbound Deliveries and Finished Inbound Deliveries.

Here, the use case did not work (caused a "cast" error), and the Delivery Precision column was not visible. Both these problems are now corrected.

Analyzer Poll: New addition to fetch Delivery Precision from analyzer could fail

The error was triggered by a historical error - the occurrence of multiple deliveries with the same DelivId. This error was corrected in June 2018.

This problem could only occur if Selected Property 8039 (fetch Delivery Precision also for "old" deliveries, going back X days) is also used, and going back to old data where the above problem exists.

PipeChain 2017 R2 20

Release Date: 2019-02-28

Use case "Undo DP Error" does not refresh the changed row

A full screen refresh is suppressed because the changed row would be moved to a totally different row position in several sorting orders.

Now the changed row (and only this row) is refreshed.

PipeChain 2017 R2 21

Release Date: 2019-03-18

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 22

Release Date: 2019-05-22

Notification Mail Sender reports error when running

The job didn't handle that there was no order for all the inbound deliveries. This has been corrected now.

PipeChain Client's Report screens - Error when changing site

An error occurred when changing site in some of the Report screens in the PipeChain client. That problem is now fixed

Improved performance for "late updates on deliveries" in KPI tables

The algorithm for handling "late updates on deliveries" for KPI tables was not well optimized. This could cause very long execution times for the Analyzer Poll background job - where KPI tables are updated after the Analyzer tables are updated.

The worst case occurred if all deliveries were saved to Analyzer when shipped (Delivery Responsibility = Until Shipment) and then updated when received.

Now the update algorithm is much more selective, and updates only where the data changes so demand.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 23

Release Date: 2019-07-10

Desktop Client - Supplier Detail / Extended Total Outflow

There is now an extended version available of the 'Total Outflow' tab. Decide which of them (or both) to use by editing the server's property file. Add the section below to your server's property file, and change the settings as needed.

```
# -----
# Total Outflow tabs in Supplier detail screen.
#
# se.masystem.supplier.totoutflow.multi
# -----
# There are two "Total Outflow tabs available. One (SINGLE) displays data on a
# a single product. The other (MULTI) can display data on several products at the
# same time. Use property se.masystem.supplier.totoutflow.multi to specify which
# of them to display. Legal values (case insensitive) are:
# - SINGLE To display the single product tab (this is the default when property
# is missing or not understood).
# - MULTI To display the multi product tab.
# - BOTH To display both tabs.
#
# se.masystem.supplier.totoutflow.multi.name
# -----
# You can change the name of the multi product Total Outflow tab with the
# property se.masystem.supplier.totoutflow.multi.name. The default name is
# "Total Outflow"
# -----
se.masystem.supplier.totoutflow.multi = BOTH
se.masystem.supplier.totoutflow.multi.name = Tot Outflow Multi
```

PipeChain 2017 R2 24

Release Date: 2019-08-15

No Change

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 25

Release Date: 2019-11-28

Better consistency checks when creating Web Users

We now require that both Partner Agreement and User Profile are present when a new Web User connection is established.

Also, the Databas Consistency Check background job issues warnings for Web Users without the mentioned relations.

A Deviation Code added at Confirm could be erased at Ship

If a Despatch was Created, then Shipped, Deviation Code would be overwritten with "No Deviation Code".

The error did not occur if a confired order was shipped directly (i e without "Create Despatch").

Delivery Planner - The 'Send Order' can be hidden with Selected Property 6004

If you don't want the 'Send Order' button in the Delivery Planner, you can remove it by setting Selected Property 6004 to the value false.

PipeChain Client / Supplier Detail / Total Outflow Multi - Date columns not continous

There was a problem with the date columns not being continous, and repeated already displayed dates. That problem is now fixed.

PipeChain Client / Supplier Detail / Total Outflow Multi - 'Balance' and 'Last R Bal' columns not always shown

The Demand Plan's 'Balance' and 'Last R Bal' columns were sometimes empty, depending on if both plans or just Demand Plan was shown. This problem is now fixed.

Delivery Planner - Purchase Order Suggestions no longer shown

The screen no longer shows Purchase Order Lines in status Suggestion.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 26

Release Date: 2019-11-29

No Change

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 27

Release Date: 2019-12-23

Transport created in Delivery Planner will not be targeted by delivery investigation

Transport created in the Delivery Planner will have a new type (Temporary). These transports will not be considered by the delivery investigation.

Time Zone issue in the "Total Outflow Multi" view

Snapshot quantities are now displayed in columns representing dates of the snapshot's site. Not dates of the client's currently selected site.

Fixed quantity in replenishment share

It's now possible to have a fixed quantity for one of the supplier's if there are two suppliers for a product. It's specified with setting the replenishment constraint to Fixed on both own product in the delivery agreement tab and in the replenishment share dialog where the fixed quantity is set together with the date when the shipment is to start with this quantity per week.

Please note there is only one supplier with fixed quantity and a second supplier taking care of the remaining need, per product. The date is the shipment date and the quantity is per week.

Week issue in the "Total Outflow Multi" view

Snapshot quantities are now displayed in correct columns also in week mode. (PipeChain 2017 R2 02)

Fixed quantity in replenishment share - corrections

Corrections have been made to the new functions regarding possibility to have a fixed quantity for one of the supplier's if there are two suppliers for a product. Due to limitations in the calculation of suggestions the constraint type is now locked on date level and is set on delivery agreement level and then inherited to all the dates. Tooltips have been added on Constraint explaining usage and on quantities specifying shipment and demand date.

Logging has been added when the fixed quantity exceeds the weekly need. Example: Total weekly need 724 for week starting 18/03/20 is less than fixed quantity 1,040 for a supplier. Site "4311" "Factory A" Supplier "1165" "" Product "20483432" ""

(PipeChain 2017 R2 03)

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 28

Release Date: 2020-02-13

Fixed quantity in replenishment share - user interface corrections

Some issues making date starting at 1969 and 1970 prevented proper use of the Update Share dialog. Also a case occurred when the dialog showed internal error and update share came up completely blank. Both errors have been corrected.

PipeChain 2017 R2 29

Release Date: 2020-02-18

Not possible to filter on Purchase Order Id in Delivery Report screens

The error was found for screen Inbound Delivery Report in the PipeChain Client, and was corrected there. The error did not occur in the Web Client.

Outbound notifications via order transaction (PW40) contacts

When an order transaction (PW40) with a contact email address is received, two new things happen:

1 - if a temporary user is created, it will be setup to receive Confirmation and/or Despatch Notification if Selected Properties [297, 286, 280, 283] are setup for this. Note that the scope must be BusinessId + BizNodeType=Customer.

2 - the contact email address is used when sending outbound Confirmation and/or Despatch Notification (MP01).

Two new calendars were added to Reception Schedules

Some (large) suppliers may have several pickup locations with unique opening days.

These are dependent of receiving site and product, and the corresponding Delivery Agreement can refer to a suitable Reception Schedule.

A new calendar for "Pickup Location specific to a reception schedule will overrule supplier's calendar when the transport list is created" is added. If no Pickup Location is configured, the supplier's calendar is used as before.

Some (long distance) transports use common hubs or transports (ships). If a shipping day is closed, it will affect many transports with different suppliers and recipients.

A new calendar for "Transport And Hub on the route (common to other suppliers) - closing overrules supplier's calendar when the transport list is created" is added.

If Transport And Hub calendar is configured, a shipping day must be open in both Transport And Hub calendar and supplier (or Pickup Location) calendar, to be accepted for the transport list.

Action on installation

Note that a SQL script must be run on the Reception Schedule object. This only applies to version 2017 R2.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 30

Release Date: 2020-03-19

Pickup Time Zone and Address are added to Reception Schedule

For a certain combination of Supplier and Site, it is possible to use several Reception Schedules. Each Delivery Agreement points to one of them.

These Reception Schedules have independent transports and pickup location calendars. Now they can also have independent pickup time zones.

If no pickup time zone is set, the suppliers time zone is used..

The time zone will affect the generated Transport List, and it will also show on shipment time for order, order line and shipment line (the timestamp itself as well as the time zone tool tip).

A Pickup Address is also added (intended to override the Suppliers Main Address), however it is not applied at this point.

PipeChain 2017 R2 31

Release Date: 2020-03-24

Pickup Time Zone and Address are added to Reception Schedule, error corrections

Several corrections were made to this function, which was added in 2017 R2 SP30.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 32

Release Date: 2020-09-18

Use case "Undo Delivery Precision Error" was allowed for "Cancelled" and "Excluded From Reports" deliveries

The reason was historical, and now no longer significant.

Now "Cancelled" and "Excluded From Reports" deliveries disallow the operation due to "It is either correct, cancelled or excluded from reports."

The attribute Latest Shipment was not set at web reconfirm, which could cause problems for PipeChain Analyzer

If the shipping date was changed at a reconfirm, and no despatch was received, then the first confirmed shipping date would be stored as the (best guess for) actual shipping date.

If the delivery uses Delivery Responsibility = Until Shipment, this date would then be saved as the delivery's Dimension Date in PipeChain Analyzer.

The error was corrected.

Erroneous historical data can be corrected fairly easy, down to the Finished Deliveries' HistoryLifetime limit. If you require this, contact PipeChain support.

Fixed quantity in replenishment share, the other supplier would sometimes see "his" demand

If there are two suppliers to a product and one supplier is set up with a "fixed quantity share", the other supplier would sometimes not see his share at all.

There could also appear an unexpected "one unit per week" quantity diff (positive or negative), i.e. 0.2 units per day.

The error was corrected.

PipeChain 2017 R2 33

Release Date: 2020-11-17

Added functionality when two suppliers supply the same product

"Fixed Quantity" constraint periods can now be freely combined with (normal) "Share" constraint periods.

Note that fixed quantity periods can ONLY be created/edited when ONE supplier has a fixed quantity constraint,

and share periods can ONLY be created/edited when NO supplier has a fixed quantity constraint.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 34

Release Date: 2021-02-03

Error in datatype Percentage

Datatype Percentage is rarely used, the error was discovered in the "percentage share" function when there are two suppliers for a product.

The error is due to that floating point numbers are represented as a closest approximation (e.g. 0.58 represented as 0.579999994) in computers.

In some situations this was presented as 57% rather than 58%.

Unexpected gaps in delivery plan for "fixed quantity" suppliers

Gaps would appear both in the (partial) Flow Model and in the series of Delivery Suggestions, for different reasons.

The Flow Model gaps were due to incorrect compensation of demand vs confirmed quantity within the "frozen reception horizon".

The Delivery Suggestion gaps were due to incorrect reuse of previous Delivery Suggestions.

PipeChain 2017 R2 35

Release Date: 2021-02-12

Two errors in new calendars for Pickup Location and Transport And Hub

These two calendars were added in ServicePack 29.

When they were added, they were erroneously "linked" to the site's time zone instead of the supplier's time zone (or possibly the supplier's Pickup Time Zone).

If these time zones are far apart, transports for the wrong weekday can be accepted or removed.

The Pickup Location calendar was always applied when the Reception Schedule's Transport List was computed, but it was not applied when Delivery Suggestions were computed. This error only affected the inbound case.

Adding a new calendar for Transport And Hub

In Service Pack 29, a new "Calendar for Transport And Hub" was added. This calendar only concerned the shipment part of a transport.

This calendar is now renamed to "Shipment Calendar for Transport And Hub" and a new calendar called "Receipt Calendar for Transport And Hub" is added.

Action on installation

Upgrading to this service pack requires that a database script is run.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 36

Release Date: 2021-03-05

New Transport-and-Hub reception calendar was not always applied

The new Transport-and-Hub reception calendar (introduced in PipeChain 2017 R2 SP 35) was conditionally applied. This was corrected.

PipeChain Client - New functions Change Vessel & Change Container in Inbound Deliveries screens

New columns Vessel, Port ETA & Comments added to screens for Inbound Deliveries & Finished Inbound Deliveries.

New functions Change Vessel & Change Container added to screens for Inbound Deliveries.

PipeChain 2017 R2 37

Release Date: 2021-04-07

PipeChain Client - Allowing empty Reception Time in Change Vessel and Change Container functions

The new functions Change Vessel and Change Container are updated to allow input of empty Reception Time. Empty Reception Time means that it won't be updated.

Release Notes Summary

PipeChain 2017 R2



PipeChain 2017 R2 38

Release Date: 2021-06-07

PipeChain sometimes show puzzling Delivery Precision (DP) error

This only concerns DP error shown in the Inbound Delivery Overview and Finished d:o in the PipeChain client.

Two cases are only significant if (custom function) DP Reason is used.

Three cases:

- 1 - DP Error could be shown on a delivery with a status where DP should not yet be computed.
- 2 - DP Error could show alongside a Reason which should "undo" the DP error.
- 3 - No DP Error could show alongside a Reason which should not "undo" the DP error.

All cases have the same source - when a delivery is backed from a status that "has DP" to a status that does not have DP, the DP and Reason data were not removed.

When the delivery again reaches a status which has DP, the DP data is refreshed, but the Reason data is not.

The correction prevents this case from happening, but it does not alter existing data.

PipeChain Client - Columns Vessel & Port ETA added to Inbound Deliveries grid in Own Bucket Detail screen

The columns Vessel & Port ETA are added to Inbound Deliveries grid in Own Bucket Detail screen

Pipe Chain Client / Own Reception Schedule Overview - Corrected display of weekdays.

When not Reception Days, the weekdays now correctly displays the weekly receptions from the transport list.

PipeChain Client - Performance issue

Fixed a performance issue in the PipeChain client. When changing screens, the screen left would sometimes perform an extra refresh to no use. That problem is now solved.