

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 01

Release Date: 2019-09-25

#### **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.

#### **Improved performance for filling KPI tables**

KPI tables are filled by the Analyzer Poll job after the Analyzer Fact-tables are updated. This filling is done incrementally, i.e. the most recent data (normally 1 day) is added, and the oldest data is purged. On some occasions (at startup or when the number of shown days/weeks is increased) the KPI tables are emptied and filled from scratch, which may take several hours.

This performance of this process is now boosted by adding indices to the Analyzer Fact-tables. By reducing the times for reading data, (almost) only the time for writing data remains, which is roughly a 50% performance improvement.

#### **Shipping could fail with error message "Failed to send Deviation Mail"**

The error was corrected.

#### **Show important info text per country**

Show important info text in Order Detail and Book Consignment dialog for specific country codes (Property value 1000).

#### **Date column headers in forecast screens**

Fixed a time zone related bug, causing the wrong dates to be displayed in the column headers in forecast screens.

# Release Notes Summary

## PipeChain 2019



### **New selected property controlling confirmation notification mail to Contact Person 2**

New selected property 390 has been added. It controls whether a confirmation notification mail should be sent to the mail address set in Contact Person 2 of the order. Allowed values are true or false. Default is false.

### **Calculation of reception/shipment time could add time to date when not working with time**

Calculation of reception/shipment time could add time to date even when not working with time. This was the case when changing shipment time or reception time in confirm dialog or in Shipment dialog. This is now corrected so that if not working with time in PipeChain and the date that is changed does not has any time part then should lead time be calculated with complete days only so that the calculated shipment reception time does not end up with a time part.

### **Fixed null error when creating user**

If you deleted an event which was also a standard event, a null error could occur when creating a new user. This has now been fixed.

### **Web screen "Despatch Overview": Excel export is not possible in some sort orders**

If sorting on order id or invoice id, Excel export would fail. The error was corrected.

### **Order lines with status received and finished shouldn't be shown in screens Customer Product and Customer Duration Meter, this is now fixed**

Web: Customer

Screen: Customer Duration Meter + Customer Product

Expand |> to see All Order Lines

Before all order lines regardless of Delivery status was shown in these screens, just like in screen "All Customer Order Lines".

But in screens Customer Duration Meter and Customer Product, order lines with status finished or received lines shouldn't be shown.

This is now fixed so that Order lines, for the specific product , with status received and finished are not shown in screens Customer Product and Customer Duration Meter. Only open order lines are shown.

### **When confirming todays date, you get "RcpTime must no be before today"**

The error was corrected.

# Release Notes Summary

## PipeChain 2019



### **Unexpected number of transport buttons could be displayed in Delivery Planer when searching**

Number of transport buttons at the top of Delivery Planner view is controlled by following rules:

1. Transport buttons are displayed for at least confirmation margin (but minimum 14 days) ahead from to actual day.
2. Transport buttons always include the selected transport
3. Transport buttons are always shown for the first chunk of order lines (At least for 40 order lines)

Rule number 3 is removed as during search many too many transports would be displayed if the search hits one order row per transport

### **Purchase Order CS40: Update partially shipped delivery**

It is now possible to update Demand Quantity by CS40 for a Partially Shipped delivery, if the new value matches the previously shipped quantity.

### **Deviation mail: Display Sales Order Id**

Deviation mail: If Sales Order Id has a value then display columns Sales Order Id and Line in the table.

### **CS41 Webshop Purchase Order Additional Information**

Added possibility to set AdditionalInformation Type to OrderHeadInformation instead of default GeneralInformation when adding a comment in Webshop basket field "Order head information"

### **Address keywords**

Using PartyId, Ean Loc or Connection No as address keys is now optional, controlled by Selected Property 7016 USE\_DELIVERY\_ADDRESS\_KEYS, default false.

### **Monitor Customer: Link to Orders To Confirm**

Added "Orders to Confirm" field with link to orders possible to confirm in Monitor Customer view.

### **New POC orders will now get correct shipment time according to transports**

When creating new POC orders, the shipment time will now be set according to transports instead of leadtime if found.

# Release Notes Summary

## PipeChain 2019



### **Added confirmed order lines to mail to end customer**

The mail that is sent to the end customer when confirming orders now also contains the confirmed order lines.

### **Added new Selected Property #391 for setting subject in deviation mail**

Selected Property #391 has been added. When a Order Confirmation Deviation mail is sent out, the setting of SP #391 controls the subject of the mail.

If not set, the default subject of "Order Confirmation Deviation from supplier..." will be used.

### **New option for splitting order line on deliveries confirmed with quantity more than shipped (PW03)**

M3 splits the order line on deliveries confirmed with quantity more than shipped. This behavior is now copied by PipeChain.

When the shipped quantity in PW03 is less than confirmed quantity and the last shipment flag is false, PipeChain can now create a new order line with the remaining quantity and a new remainder row number. The remainder row number is calculated as the highest existing remainder row number plus one.

The quantity on the new line is the confirmed quantity minus shipped quantity. The demand quantity is set the same as quantity. The confirmed is set the same as quantity. The status is set to Confirmed. Shipment and receipt time is set the same as the confirmed values of the original line. Originally demand quantity is set to 0.

The quantity on the shipped line is the shipped quantity. The demand quantity is set the same as quantity. The confirmed quantity is set the same as quantity. The status is set Shipped. The shipment complete flag is set to false. Shipment time should be the value from the despatch advice (depends on other settings). Originally demand quantity is not changed.

A new selected property activates the functionality above if set to true.

[1080] Split order line on partial shipment. If true and desadv qty is less then order line qty then is order lines split in two parts

In addition selected property [48] Sort the deliveries on shipment time instead or reception time when shipping by transaction... needs to be set to true (can normally be set on server level).

### **Date filter in Outbound Forecast History view fixed**

The data will now be properly filtered when selecting a Forecast Date using the dropdown list in the Outbound Forecast History view.

# Release Notes Summary

## PipeChain 2019



### Nightly background job "Finish Orders" did not handle cancelled order lines

Now, the background job moves cancelled order lines to "Finished" and - if no active order lines remain - also moves the order to "Finished".

This means that such orders/lines now disappears from the screens for "active" orders/lines.

### 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
```

### WebShop: Export Excel from screen Forecast Product Period also displays product name

Both Supplier Product Name and Customer Product Name are displayed in the Excel sheet.

### Removed selected property controlling confirmation notification mail to Contact Person 2

Selected property #390 has been removed. Order confirmation mail to End Customer is no longer controlled by this selected property, and the mail is no longer sent to the email address set in Contact Person 2 in the order. The mail will now only be sent out if the order is an "Assisted Sales order" and the Description Information of the order contains "USER EMAIL:" and with a valid email address in front of it.

# Release Notes Summary

## PipeChain 2019



### **Product Name replaced with Short Description if missing**

If product name is missing for an order line, the short description will be shown as product name instead.

This change affects the following places:

- Web Client:
  - Order lines in the (Finished) Inbound Order views.
  - (Finished) Order Lines views.
  - Order Lines to Ship view.
- Java Client:
  - Order lines in the (Finished) Inbound Order screens.
  - (Finished) Order Lines screens.

### **Monitor Customer: Link to Orders To Confirm, correction**

There was an error in the Monitor Customer Overview screen stopping users from seeing anything. The error starts with Sorry, server communication failure. Caused By: Failed to execute SQL function...

Workaround: Hide the column orders to confirm or use no supplier or customer filter at all.

### **Inventory Chart History Demand Plan: Error in Export to Excel**

Inventory Chart History Demand Plan Export to Excel error corrected.

### **New columns in Deviation screen**

Two columns has been added in the Deviation screen, Buyer Contact and Goods Label, fetched from the order. Please note that Goods Label is not visible per default.

Buyer information contact information is accessible by clicking the linked name.

### **Unicorn Inbound Order - Total Amount" column**

TotalAmount has previously, because of performance reasons, only been calculated when in the Inbound Order/Finished Detail Screen, and showing "0.0" when in the overview screen(s). This behaviour has now been changed; The calculation has been made more efficient, and is now made in the overview screens also.

### **Now possible to also speed search on activity in the waybill view**

Activity is added to columns that are possible search for with speed search. If a delivery note line matches the search criteria then its related waybill is displayed with all belonging delivery note lines.

# Release Notes Summary

## PipeChain 2019



### **PW40 Frozen Horizon value not displayed in Error message**

PW40 Value of Frozen Horizon Margin and Quantity is now displayed in applicable error message

### **Fixes issue that calendar (date picker) was displayed on enter in advanced search dialog**

Before this change was the date-picker always shown on enter. This has now been changed like this:

1. If no input text, show date-picker
- 2 If we have any input text, submit advanced search

### **The screen "All Order Lines" cannot filter on all its columns**

The problem affects the four orderhead attributes OrderDate, ModeOfDelivery, ModeOfDeliveryCode, TermsOfDeliveryCode.

### **Removed javascript code from all mail types**

Most mail readers like Outlook, gmail does not execute javascript in mails. There was also a problem with that javascript code was displayed as text in mail. Therefore is all javascript code removed from mails send from PipeChain.

### **Check for duplicate and blank package number**

PipeChain 2017 and later versions are missing the checks for duplicate and blank package number that previously existed on client side only. These are now implemented on the server side. The user will get a detailed error message if there are duplicate or blank package numbers.

### **Book Consignment: Confirmed date not automatically entered in dialog**

Book Consignment dialog from Order Lines To Ship: "Create despatch and book consignment" now automatically enters the confirmed shipment date into field "Demand Pickup Start Time"

### **Null Pointer Exception after Export to Excel**

This error is now corrected. The error occurred when pressing some buttons after down loading excel document

# Release Notes Summary

## PipeChain 2019



### **Counter for reconfirm (on order line) did no longer increment correctly.**

Now, the attribute works as follows:

- It is set to zero for a new order OR if the order is changed by the customer.
- It is incremented by each Inbound Order Response
- It is incremented by each confirmation in the PipeChain web client
- If a confirmation requires "Pending Approval" it is incremented awaiting approval, but if the change is not approved (the order is restored) it is set to zero.

### **Create Despatch; New value for selected property 133 - pick shipmenttime from earliest delivery**

Added the new value 'false\_earliest' to Selected Property 133, "Use today's date for the shipment time of the despatch". This new setting fetches the date from the line with the earliest shipment, instead of the default false, when it is fetched from the latest shipment time.

Also corrected an issue where the default behaviour (setting=false) was to get the shipment date of the last delivery according to delivery id and not shipment time.

### **Correction for Despatch package locale support**

The previous service pack included despatch package support for all locale decimal settings: However, there was an issue that meant that some locales with spaces for thousand separators, yielded suspicious errors upon the loading of the create/ship despatch screen.

This issue has now been corrected.

### **Order detail display and order confirmation was not possible on databases in version SQL Server 2008 R2**

A "too modern" SQL construct was used. It was replaced with an older one.

### **Subject will now show the correct supplier when sending deviation mails for outbound orders**

The subject will now show the site id and site name instead of supplier id and supplier name when sending deviation mails for outbound orders.

### **Added logging of deleted shipments**

Whenever shipments are deleted, a message of the fact that it was deleted will appear in the message log.



# Release Notes Summary

## PipeChain 2019



**If an Inbound Delivery had multiple Documents of the same type, it would appear multiple times**  
The error was corrected,

**CS02 - Order line created with only Customer's Product Id (PW40) not found when matching with Supplier's Product Id**

CS02 - Order line is now also matched with Customer's Product Id, and updated with the Supplier's Product Id assigned by CS02.

**"Total" data did not apply site- and partner filter correctly**

This error occurs in the "Total" data area in screens Delivery Report and Performance Report when

- 1 - weekly data is selected
- 2 - for supplier users in the inbound screens or for customers in the outbound screens
- 3 - the user has access to more than one supplier/user

Data in "Lines" and "Graph" segments were not affected by this error.

**Net Demand - Fixed a date parsing error**

There was an error parsing the From and To dates when certain date formats were used (e.g. dd-mm-yy) in the Net Demand view. That error is now fixed.

**Adding new Supplier in Forecast Creator could remove all other suppliers from forecast**

If first select a supplier in Supplier selector that is not included in the forecast, then it was possible to add this supplier to the forecast even if the Forecast Creator is not in edit-mode. This should not be possible. This caused that all product lines for all other suppliers were removed from forecast. This error has now been corrected.

**The Web Client's Partner Selector sorted in a case sensitive way**

This concerns the Supplier Selector for inbound usage, and the Customer Selector for outbound usage. Case sensitive sorting means that all upper case letters will be sorted before all lower case letters (e.g. AB before Aa). Now the sorting is case insensitive.

# Release Notes Summary

## PipeChain 2019



### **Forecast ConfirmHorizonDate erroneous**

ConfirmHorizonDate in the Forecast screen is erroneously calculated, as its based on tomorrows date and looks forward over the business calendar. The logic is that it should be based on reception time and look backwards to find a "last date to confirm". This issue has now been resolved.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 02

Release Date: 2020-01-16

#### **Mail for Confirmation Deviation did not contain any deviation information**

Deviations are detected for [Quantity, Shipment Time, Receipt Time, Price, Discount], for deviations against previously confirmed as well as against demanded.

The deviation against Demanded Price was not visible because

a - the demanded price was never displayed

b - the yellow marking that denotes a deviating attribute was not applied for deviations against demanded data

Both errors were corrected.

#### **Action on installation**

Note that the file Mail.xsl also need to be updated.

#### **Mail for Despatch Deviation did not contain any deviation information**

This error would often appear if Confirmation Deviations are used, but Despatch Deviations are not.

The Confirmation Deviation Code was not retrieved correctly, and in the above case this could generate a Despatch Deviation for an attribute that is not even displayed in the email.

If Despatch Deviations are used, the error would instead appear as incorrect information in the Deviation Code attribute. However, this appears to be more rare.

The error was corrected.

#### **Link from Finished Indelivery to correct order screen**

The Finished Indelivery screen always links to the Finished Inbound Order screen. This is a legacy problem, as a delivery can be finished, while the order is not. The Finished Indelivery screen now links to the correct screen, Inbound Order or Finished Inbound Order.

#### **Web service setInvoiceToPaid, order lines are all paid but order is only partially paid**

Sending multiple invoices in a transaction could cause some orders to end up with an invoice status of Partially Paid, when in reality they should have the status of (fully) Paid.

#### **Goods Label in "Information" section of Customer Order**

Goods Label is now displayed in the "Information" section of Customer Order

# Release Notes Summary

## PipeChain 2019



### **PW40 WebPurchaseOrders transaction handle missing dates**

PW40 WebPurchaseOrders transaction cannot have all dates missing from the OrderHead element. At least, PreferredDelivery date is expected. The transaction does not handle this error gracefully: only an intelligible "null" message is shown to the user.

Changed the logic så if all dates are missing from the order head, they are set from the earliest time of the OrderLines in the transaction. Also handled the case when all dates are missing from both elements gracefully.

### **Translateable error message when receiving waybill**

All user-related error messages that can be thrown when receiving waybills are not customizable or translateable. This issue has now been addressed.

### **Editara Product Price Agreement**

The edit function for the Product Price Agreement screen has been lost since version 4.9.9. The functionality is now restored.

### **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.

### **Sometimes error when receiving a waybill**

The user sometimes get an error message "This model isn't refreshed. All indexes are out of bounds" when trying to receive a waybill in view Receive Waybill. This error has now been corrected.

### **User Management - Pickers for Profile honors Business Restriction**

If a User is restricted to a Business, the Picker for Profiles will now only show unrestricted Profiles and Profiles restricted to that Business.

# Release Notes Summary

## PipeChain 2019



### **Delivery Agreement Price Range tab in Java desktop client did not handle PriceZoneCode correctly**

Delivery Agreement Detail Price Range tab now handles PriceZoneCode accordingly

### **Java Client / User Definition - Error when entering a business restricted default profile.**

An error prevented entering of business restricted default profile. The error is now corrected.

### **User Management - Pickers for Site honors Business Restriction**

If a User is restricted to a Business, the Picker for Sites will now only show Sites in that Business.

### **Don't send PW01 transaction if CS40 transaction resulted in no changes.**

If the PW40 PurchaseOrders transaction from the customer did not result in any changed of vital data, the PW01 is not sent on to the supplier. To activate this functionality, please set the new selected property 87 ( "Send PW01 transaction even if the CS40 transaction did not perform any changes. Default: true".) to false.

### **Repeated Order Line Split may become impossible**

If the following occurs:

- 1 - an orderline is split (once or multiple times)
- 2 - the original line is shipped and received - thus no longer displayed in the Confirm dialog
- 3 - the line is split again

Then the Demand Quantities are computed incorrectly, and the last split will have much too low Demand Quantity (possible even a negative value).

In this case it cannot be split again since a split line's Delivery Quantity can never be larger than the Demand Quantity.

This correction stops new occurrences of this error. If you encounter an old occurrence, please contact PipeChain Support as there is a workaround.

### **Selected properties in Supplier screens can pick wrong setting if user is connected to both suppliers and customers**

Supplier web screens can pick wrong setting from selected properties, seemingly at random, if the selected property in question is only set up for suppliers. This only happens if the logged in user is connected to both suppliers and customers. This issue has now been resolved.

# Release Notes Summary

## PipeChain 2019



### **CS80 invoice transaction cannot handle the same tax set up on multiple sites**

A supplier delivering to multiple sites sometimes requires separate, but identical, taxes to be set up on different sites. This has previously not been handled, and duplicates of the same tax for the same supplier has been considered an error.

This issue has now been addressed, and you are allowed to have identical taxes as long as they refer to different sites. Also improved the error message.

### **Product Price Agreement: Inconsistency in red-marking missing price**

USVProductPriceAgreement: price is red-marked if missing price, regardless of price zone code set or not.

### **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 confirmed order was shipped directly (i.e. without "Create Despatch").

### **Correction of date handling when partly confirming**

- 1) Corrected logic so the user is only warned of the lines that are actually included in the confirmation.
- 2) Lines that are not in the confirmation cannot also be edited during confirmation operation.
- 3) Also corrected line number logic so that the correct line number is displayed for the user in the error message.

### **Empty orders may occur, and they are never finished automatically**

Empty orders may occur in rather small numbers (both VMI and TOM orders).

Since these orders are not handled by the Finish Orders background job, they may become irritating.

Two changes were made:

- 1 - The Finish Orders background job now moves such orders to Finished
- 2 - The "information" log entry that is saved when a delivery is deleted now also logs the order identity.

# Release Notes Summary

## PipeChain 2019



### Some errors in Delivery Planner

Following errors are now corrected in Delivery Planner:

1. View sometimes stopped when selection a transport with transport buttons. This happens when selecting transport for order lines not yet loaded.
2. The color of transport buttons was not always correct.
3. Tool tip on severity icon (triangle) was sometimes missing.

### Rental Report Converter 1.0.3

The required number of values (whether they are empty or not) per line for the rental file has been increased from 34 to 35.

The logic for reading Cost Account Id has changed. It is read in this order until found:

- From the last value in the line.
- From the klittra like before.
- From the Delivery Agreement for the product (rental item).
- From Supplier Product Agreement for the product (rental item).
- If not found at this point, it becomes empty.

### BEAst Converter 1.2.1, CliftonAxapta Converter 1.1.6

The BEAst Converter and the CliftonAxapta Converter have been updated.

The BEAst Converter will now get CostAccountId from PipeChain correctly when not found in the transaction. Checks for CostAccountId from Delivery Agreement first. If not found, checks Supplier Product Agreement. If not found, it becomes empty.

The CliftonAxapta Converter will now try to get CostAccountId from PipeChain if not found in the transaction the same way the BEAst Converter does.

### Screen Deviation Overview could fail with error message "null"

This would occur if a Buyer Contact had no email address (which is unlikely, but possible).

### CS05 SalesOrderId when confirming in Delivery Planner

There's been problem with the wrong SalesOrderId appearing in the OrderHead section of CS05 transactions after confirming in the Delivery Planner screen. The problem is now corrected.

### Delivery Planner: New column summarize all remarks for the line

The Delivery planner has a new column, "Remarks", that displays the line's worst remark as a severity icon. The line's all remarks are listed in the tool tip.

# Release Notes Summary

## PipeChain 2019



### **New Selected Property to control sending of CS48 Inbound Despatch Advice**

Selected Property 69 SEND\_CS48\_INBOUNDDESPATCHADVICE may be used to control if shipment triggers sending of CS48. Default true.

### **Web Client Reports: Pickers display data matching user's Supplier and Customer Selector**

The Pickers (for Site, Supplier, Customer and so on) in the Report screens now only display data matching what's available the the general Site, Supplier and Costomer Selectors in the top of the browser window.

### **Inventory Chart (outbound) did not display some dates correctly**

Occurred for Customer Bucket Inventory Chart for dates with a fully Open or Closed calendar when the customer had a timezone later than the user.

E g closed saturdays and sundays would be displayed with the friday and saturday dates, when a european user looked at an US customer.

### **Web Client, Inbound 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.

### **Header columns was out of sync when scrolling in a picker**

Header columns was out of sync when scrolling in a picker. This error has nor been corrected

### **Arrow up and down was not positioning correct in a picker**

Arrow up and down was not positioning correct in a picker. This error has now been corrected

### **Order reciept with products price zone code 'Zone' could sometimes fetch incorrect price**

Order reciept with products price zone code 'Zone' could sometimes fetch incorrect price. This was the case when having multiple rows with the same end zone, start zone was then ignored.



# Release Notes Summary

## PipeChain 2019



### **Web Client, Inbound Delivery Planner - Purchase Order Suggestions no longer shown**

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

### **Error when moving transport in delivery planner.**

Error when moving transport in delivery planner.

### **Analyzer Poll, when saving Deliveries, may fail if "case" in partner keys is inconsistent**

Normally the PipeChain database works case INSENSITIVE. This means that

- it is not possible to create e.g. a supplier/customer with id "partner1" if there is already one defined as "PARTNER1" or "Partner1"
- if e.g. an order is received where the case differs from the definition, it is accepted anyway

This error occurred because the partner id case was different in a partner definition and in orders, because the algorithm referred these keys in a case SENSITIVE way. This was corrected.

### **Efaktura Web Service RecordStatus fixed**

The return message from the Efaktura Web Service will now correctly return RecordStatus "Not\_Received" when the status of the invoice row is "Arrived".

### **Finished order lines displayed in Customer Product / Duration Meter**

Customer Product and Customer Product Duration Meter no longer display finished Order Lines.

### **Columns missing in Customer Product/Customer Duration meter/All Customer order Lines**

Column fields Initial Balance and Resulting Balance added.

### **Java Web Start Client - Problem attempting to access xbean.jar during export to Excel**

When the client was run via web start, and performed an export to Excel, it attempted to access a file (xbean.jar) that wasn't prepared for access by web start. This problem is now solved.

# Release Notes Summary

## PipeChain 2019



### **Copy user with SSO login not correct**

Copy user with SSO login now resets the login option for the new user.

### **Orderline Split in CS02 OrderResponses transaction**

Orderlines split with supplying IsRemainder and RemainderRowNo is now supported in outbound order response transaction as well. Please note that "CreateOrderLineWhenMissing" is a different case and should not be used to handle splitting of orderlines.

### **MP03 Remindermail corrections**

The following changes has been made:

1. The process configuration has been taken into account when determining if a remindermail should be sent or not. I.e. if shipping is not used, the reminder to ship the order is not sent, same thing for goods reception. If the orders are only used for monitoring, no reminders are sent.
2. Mail containing orders that are to be delivered to multiple addresses have sometimes been shown with a single delivery adress. This issue has now been addressed.
3. MP03 logging in order/transaction tab has been erratic, sometimes MP03 not relevant to the order has been logged, sometimes MP03 relevant to the order has not been logged at all. This issue has now been addressed.

### **Grid alignment fixed in Net Demand view**

Alignment of cells and header has been fixed again for the part with days/weeks/months in the grid in the Net Demand view

### **Web Client / Inbound Delivery Planner - Changes for the 'Send Order' button**

The Send Order button will send PW01 transaction for replenishment Deliveries that are not already sent.

# Release Notes Summary

## PipeChain 2019



### Parameterize the validate function of invoice totals of the CS80 Invoices transaction

The function that validates invoice totals before accepting an incoming CS80 Invoices transaction is governed by the Selected Property 71, Check Invoice Totals. This function performs several checks, but the selected property has only a true/false value. The limit of the deviation is also fixed. To be able to select individual checks and set the limit, support for a querystring with all the checks have now been implemented.

Example of a querystring:

TotalAmountRowsExclTax=true&TotalAmountExclTax=false&TotalAmount=true&TotalFeeAmount=true  
&DeviationLimit=0.05

All checks and parameters below:

- 1 "TotalAmount" InvoiceTotal.TotalAmount is checked if it differs to much from the rounded sum of all lines and fees.
- 2 "Roundoff" InvoiceTotal.Roundoff is checked if it differs to much from the calculated roundoff.
- 3 "TotalTaxAmount" InvoiceTotal.TotalTaxAmount is checked if it differs to much from the sum of tax of all lines and fees
- 4 "TotalFeeAmount" InvoiceTotal.TotalFeeAmount (includes fee on both line and head) is checked if it differs too much
- 5 "TotalAmountRowsExclTax" InvoiceTotal.TotalAmountRowsExclTax (includes fee on lines) is checked if it differs too much
- 6 "TotalAmountExclTax" InvoiceTotal.TotalAmountExclTax lines and fees is checked if it differs too much
- 7 "TaxTotal.TaxAmountInAccountCurrency"  
InvoiceTotal.TaxTotal.TaxAmountInAccountCurrency per tax rate is checked if it differs to much
- 8 "TaxTotal.TaxAmount" InvoiceTotal.TaxTotal.TaxAmount per tax rate is checked if it differs too much
- 9 "TotalTaxAmount\_TaxTotals" InvoiceTotal.TotalTaxAmount is checked if it differs to much from the sum of each TaxTotals per tax rate
- \* "DeviationLimit" Specifies the check limit for all listed checks. Decimal value with "." as delimiter

A simple boolean of "true" will enable all checks with fixed value 0.01, not affected by DeviationLimit. A value false will disable all checks. Please note that all checks not mentioned are disabled unless the setting is the simple "true".

### Cancel Despatch when orderlines are finished does not update finished orderlines

An order who is partly shipped could have the fully shipped orderlines transfered to finished by the night job without the orderlines beeing received, during specific certain configurations. Cancelling the despatch, however, does not update the orderlines that are finished and not partly or fully received - they are still fully shipped and finished, and cannot be shipped again even though the despatch as been successfully cancelled. This issue has now been adresssed.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 03

Release Date: 2020-02-13

#### **Externally Invoiced button in Despatch view - control right with a Selected Property**

Externally Invoiced button in Despatch view -  
a new Selected Property (1571) is added to control which privilege is needed to get the right to use the button (1569 controls if the button is visible or not as before)

#### **Set End Customer Invoiced in Despatch view - control visibility with a Selected Property and only available for Own users**

Set End Customer Invoiced in Despatch view - two changes:  
-a new Selected Property is added to control visibility  
-should only be available for Own users, that is fixed now

#### **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.

#### **Fixed empty orders being created from locked suggestions**

Empty orders will no longer be created when a suggestion in the delivery planner is locked and Delivery Suggestion Generation strategy is set to "No Link to Order System" or "Manual Sending".

#### **Order Notification (MP01) were not created**

This error affects revisions built after 2020-01-10 but before 2020-01-28. It is corrected in later revisions.

#### **Auto-create Incoterms 2020 at server start there is no TermsOfDeliveryCodes**

If there are no Terms of Delivery Codes at all for a site, the server will populate the table with Incoterms 2010. Please note that FCA (Free CArrier) is default (Delivery Responsibility=Supplier, Time Working With = Reception Time).

# Release Notes Summary

## PipeChain 2019



### **Bad error message when order or supplier is missing in PW02 and PW03 transactions**

The transactions PW02 InboundOrderResponses and PW03 InboundDespatchAdvices have logic that allows you to find the partner agreement through the order. There is a prevalence of situation when the order is missing, finished or insufficient data is supplied and the error shown to the user is that there is no partner agreement. Also, the same error message could be shown when the supplier cannot be found with the data supplied. Both these issues has now been rectified.

### **Support for split lines in outbound PW03 DespatchAdvices and PW03 Invoices transactions**

Support for specifying split orderlines are not present in the outbound CS03 DespatchAdvices transaction. The same goes for the outbound CS80 Invoices transaction. In this service pack, support is added for specifying split lines for both theese transaction. Also improved the invoice handling further for outbound in the case of a normal invoice (as different from self-billing and credit note), with better lookup and status update.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 04

Release Date: 2020-03-24

#### **Percentage in incoming CS80 Invoices transaction not propagated to outgoing CS80**

The InvoiceRow.percentage attribute in incoming CS80 Invoices transaction not propagated to the outgoing CS80, instead the confirmed percentage from the order replaces this value. This problem applies both to inbound and outbound transactions.

The error has now been corrected. Please note that any RowInvoiceFee discount overrides the percentage specified on InvoiceRow element.

#### **Date problems in Inventory Chart**

Some date formats, like dd-MM-yy HH:mm are not supported in the Inventory Chart screen on the web. The screen can stop working, or show erroneous data as a result. These issues has now been addressed.

#### **Error in EDI Filter, Order Reference parts**

The Order Reference part of the EDI Filter aims to provide better performance than general text search for some frequent filter cases, namely [Partner Id, Order Id, Delivery Note Id, Invoice No]. In some cases, these filter conditions would yield a (sometimes very large) number of identical rows, due to an incorrect "join".

#### **Transaction loop on PW51 OutboundDeliverySchedules transaction**

Due to an error, the PW51 OutboundDeliverySchedules can fail into a transaction loop, when the transaction performs goods reception on deliveries that exist in the database but is not present as a demand in the transaction. This issue has now been rectified.

#### **Taxes per Site and Business level when creating Invoices**

Taxes are normally defined per supplier. The option to enter different taxes for different sites (and businesses) does exist, but the support is lacking in the Create Invoice screen, who shows all taxes for the supplier, regardless of site.

This issue has now been addressed, and the respective site taxes are listed along with the default taxes (sitekey=0), but taxes belonging to another site is not. Any Default taxes are listed first, then the site-specific taxes and then the default taxes. (The default taxes are in the same mutual order).

# Release Notes Summary

## PipeChain 2019



### **Screen Supplier Detail Inbound Deliveries does not show correct qty for forecast**

The screen Inbound Deliveries in Supplier Detail shows those deliveries that are confirmed or is of the type purchaseorder. There is only one quantity field, "Quantity", which displays the delivery quantity. This is problematic when displaying forecast lines, as the delivery quantity never change until it's not a forecast line anymore.

The logic has now been changed so that the field "Quantity" shows the delivery quantity when the delivery has been confirmed, and the demand quantity when it has not.

### **Forecast Date in Net Demand screen**

A new column is available in the Net Demand screen, Forecast Date. Just as in the Forecast Period screen, Forecast Date is blanked out if you have all sites selected, ie you don't group per site. Likewise, as each line is potentially an aggregation of several deliveries that could have different Forecast Dates, the Forecast Date displayed is always the latest date found..

### **Outgoing MACom Transaction file names may now contain macros**

In a File/FTP channel, when setting the remote output directory, the file name may now contain macros.

<D> will be replaced with the current date.

<T> will be replaced with the current time.

<TT> will be replaced with the transaction type.

<S> will be replaced with the site id if there is one. Otherwise, it will just be removed instead.

<P> will be replaced with the partner if there is one. Otherwise, it will just be removed instead.

<PA> will be replaced with the partner address id if there is one. Otherwise, it will just be removed instead.

As before, \* will be replaced with a file count.

### **Deleting an order line did not update the status of the order head**

In the PipeChain client (Java client) it is possible to delete an order line (as opposed to cancelling it). In this case, the order head status was not recomputed.

### **CS02 Outbound Order Response - when missing order line is created, PW40 attribute IsProductDefined is overridden by default value**

CS02 Outbound Order Response now sets IsProductDefined accordingly when a missing order line is created.

# Release Notes Summary

## PipeChain 2019



### **Outbound Ship Delivery CS03 - Null error when IsProductDefined attribute set but Product is not defined**

OutBound Ship Delivery CS03 - An undefined (TOM) product no longer causes null error.

### **Transaction Overview Filter - prevent the user from performing search that stalls the servers**

Transaction Overview Filter - user is now prevented from performing a too broad search on Transaction Data free text field:

- User must also filter on any of the index fields: Trans Number, Trans State, Channel Id och Registration Time.
- If the search scope is still too wide ( >1000 rows ) the user must narrow it further.

### **Web Client - Link from "VMI Schedules to Reconsider" in the Monitor Supplier view**

If you have a single supplier selected and the Monitor Supplier view is set to "Aggregate Supplier", a click on the "VMI Schedules to Reconsider" indicators will link you to the Delivery Planner view. The Delivery Planner will then have a preset search for VMI only and statuses in the range Confirmed - Partially Shipped.

### **Web Client - Tool tip with calendar on dates**

We've had problems displaying the calendar sheet tool tip on dates. The problem is now solved.



# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 05

Release Date: 2020-03-30

#### **Date with AM/PM format are always shown as a date with time**

Date of the time format of AM/PM, and the specific time of 12:00 AM (midnight) is always shown with the time part, even though selected property 111 is set to suppress the time part. This issue has now been addressed.

#### **Long time for action in detail views**

It took unexpectedly long time to perform action in detail view. This was the case for instance when confirming order in Inbound Order view. This issue has now been solved.

#### **Supplier - update notification email addresses was not working**

Supplier - update notification email addresses is now working.

### PipeChain 2019 06

Release Date: 2020-04-01

#### **Delivery Planner no longer shows shipped lines**

The Delivery Planner will no longer show shipped lines - feature reinstated

#### **Supplier Monitor Overview - Despatches To Invoices sorting on Order Id resulting in error**

Supplier Monitor Overview - Despatches to Invoices is now possible to sort on Order Id without error

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 07

Release Date: 2020-06-03

#### **Desktop client / Stock Workbench - color markings for availability columns**

The color marking for column 'Available Balance' and 'Available Balance Incl Suggestions' in Stock Workbench were not correct.

These columns, as well as 'Relative Availability' and 'Relative Availability Incl Suggestions' did not react properly to the setting of "Strategy for Adjusting Balance due to Deliveries" in screen Own Site. This is now corrected.

#### **Delivery Planner no longer shows shipped lines**

The Delivery Planner will no longer show shipped lines - but Partially Received with remaining quantity to ship

#### **LoadPlanner - wrong receipt time on weekly transport**

LoadPlanner - receipt time on weekly transport is no longer overwritten by other transport record

#### **SSO - added extra security measure to prevent attempts to log on using password**

SSO - any attempt to log on using password when the user account is configured to only log on by SSO is handled the same way as wrong password.

#### **Information missing in detail views**

Due to caching data from the overview, the data in the detail view are in some instances missing. This happens most often in Order Detail. This issue has now been resolved.

#### **Fixed PW02 error messages showing wrong values**

Error messages caused by Supplier Product Id not matching in the transaction and PipeChain will now show the correct product ids.

# Release Notes Summary

## PipeChain 2019



### **Finished Inbound Order Screen will no longer freeze when scrolling order lines. Added sorting on Sales Order Line column.**

In the java client, the Finished Inbound Order Screen will no longer freeze when scrolling order lines. Sorting has also been added on the Sales Order Line column.

### **Message Log when reading an invoice from supplier is now improved to show more accurate error messages (when invoice was stopped)**

Message Log when reading an invoice from supplier is now improved to show more accurate error messages (when invoice was stopped due to an error)

### **CS80 Outbound Invoice - invoices containing invoice lines not matching any order lines were stopped**

CS80 Outbound Invoice - invoices containing invoice lines not matching any order lines are again processed.

### **Calcutate Ship Time from Reception Time did not match calculation of Reception Time from Ship Time.**

Calculation of Ship Time with Reception Time as starting point now uses the same algorithm as calculation of Reception Time with Ship Time as starting point.

### **Background job Notification Mail Sender: Null Pointer error**

Null Pointer error fixed in ReminderMailPerSite run from Background job MailNotificationSender.

### **New fields in invoice screens**

Tax Amount is added on rows in the Invoice, Create Invoice views, and Invoice Fee sub-view. Also added a "Tax Total" field in Create Invoice. This field will have the co-field show the name of the tax, providing there is one, and only one tax used on the invoice (The printout lists all taxes).

Made the printout fields round the same way they do invoice view (some fields did round to 6 decimals in printout, but 2 in the view).

Also added the condition that Tax Name is mandatory when working in the Taxes view.

# Release Notes Summary

## PipeChain 2019



### **Supplier Group - check for "Unique members only" caused incorrect failure.**

Editing supplier with membership in a Supplier Group with "Unique members only" no longer triggers faulty error.

### **Transportunit labels marked with continuous numbering**

The optional numbering on TransportUnitLabels reflected the number within the despatch line. This functionality has now been changed to a continuous numbering within the despatch.

### **Delivery Planner - Buttons at the top now gets colored based on the worst remark between lines in the transport**

The buttons at the top of the delivery planner that shows transport per date will now be colored based on the worst remark between all lines in that transport.

### **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 HistoryLifetime limit. If you require this, contact PipeChain support.

### **Delete Site not working**

Additional safety checks upon user profile deletion has made the Delete site functionality become slow and prone to failure. As the delete site operation takes a fair length of time already, the user profile handing has now been moved to a background process and will not bother the operator any more.

Also added a safety check in the interface so you cannot delete a site that contains the last serveradmin user.

# Release Notes Summary

## PipeChain 2019



### **Web Client / User Management - Fixed bug with 'Add All Site Connection' button**

The 'Add All Site Connection' didn't work, and displayed an error message. This problem is now fixed, and the button adds Site Connection for all Sites where the User's Supplier Connections have Business Agreements.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 08

Release Date: 2020-07-30

#### **Create Invoice compliance with printout + Tax Amount on invoicerow Fee not updated**

Made the invoice row in create invoice compliant with the printout and the invoice view. This means that the invoicerow Amount will include the discount and the fees. The invoicerow Tax Amount will include Tax on the invoicerow itself + tax on the fees.

Also, fixed an issue where Tax Amount on Invoicerow Fee was never updated when creating the invoice.

#### **User Management bug fixes**

A number of bugs in the web client's User Management were fixed.

The sub views "Supplier - Site Connection" and "Customer - Site Connection" (i.e. the ones with checkbox matrix) are no longer available.

#### **Web Client - Monitor Supplier**

When you click the 'VMI Schedules to Reconsider' indicators in the 'Monitor Supplier' view, you'll now always be taken to the 'Delivery Planner' view.

#### **Confirm Order with change request does not copy new demand correctly**

Confirm order with change request now copies new demand accordingly.

#### **Analyzer Poll could get Transaction Conflict when handling product dimension from delivery data**

Strange error messages could occur in the log file when handling product dimension from delivery data. In the database it would show that tables DimProduct and DimPartnerProduct was updated far more often than expected.

The error was corrected.

#### **Disable split for VMI orders**

Order line for Vendor Managed Inventory orders should never be enabled to split, but the option exists. This issue has now been addressed.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 09

Release Date: 2020-11-02

#### Updating Super Users' Profiles after inserting new Site

There's been problems updating all relevant Supre Users' Site-Profiles when adding new Sites. The problem is now corrected, so that adding new Sites will update the Supre Users correctly.

A workaround to create missing Site-Profiles is to update any Site.

#### Fixed Web Service for getting Invoice Deliveries not returning a response.

Web Service for getting Invoice Deliveries will no longer fail to return a response when request contains an invoice row referring to an order containing cancelled rows.

### PipeChain 2019 10

Release Date: 2020-12-10

#### Analyzer Poll may fail when saving to Product dimension

The error was introduced in PipeChain 2019 SP08.

### PipeChain 2019 11

Release Date: 2021-01-15

#### Transaction CS08 with erroneous ProdId would fail with unpleasant consequences

The transaction would finish in status "Processed with Error" with a suitable error message, but in the database the OwnProdNode object would be created, whereas the ProdDef object would not. This would cause errors at any usage of the product. Often just a "null" error. The error was corrected.

If the error occurs, the product can be deleted from the PipeChain client screen "Own Bucket Overview".

#### Despatch Advanced Search on Forwarding Agent not working

Despatch Advanced Search on Forwarding Agent is now working

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 12

Release Date: 2021-01-21

### PipeChain 2019 13

Release Date: 2021-01-27

#### **Monitor Supplier / Orders to Confirm**

The count of Orders to Confirm in the Supplier's Monitor view is now updated to match the remarks in the Orders to Confirm view. Please note that Orders may also have other remarks than those concerning late confirmation.

#### **Added input for activity description when accepting new activity for waybill**

Accepting a new activity for a waybill will now also let the user input a description to the new activity before confirming.



# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 14

Release Date: 2021-02-17

#### **Order Generation Strategy "Single Line"**

Setting Delivery Suggestion Parameter "Order Generation Strategy" to "Single Line" will now actually create one order per order line.

#### **Monitor Supplier / Orders to Confirm**

The Orders to Confirm column in the Monitor Supplier screen now counts all confirmable orders. Orders with a confirmation reminder shows up as red.

#### **Supply database cleanup for TransactionInfo**

The night job Supply database cleanup are never run for the TransactionInfo table. This issue has now been resolved.

#### **Action on installation**

Run the sql script present in the PLUS-catalogue. The script also adds indexes and moves the table to MACOM, improving performance.

#### **Order Spec LT is set to zero on the new row when splitting rows.**

Copied the value of Order Spec LT from the original row when splitting.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 15

Release Date: 2021-03-04

#### Conditions for shipping and signaling of late shipments in Monitor view

Orders no longer appear in the 'Orders to Ship' view when the flag 'Expect Despatch Advice' is off in Process Configuration.

The rules for signalling yellow or red shipment in the Monitor view have also been changed

- The flag 'Expect Despatch Advice' must be on.
- Yellow warning appears Y hours before the shipment time runs out. Y can be set as the property `se.pipechain.ship.order.warning` in the server's property file. It defaults to 0.
- Red warning appears R hours after the shipment time runs out. R can be set as the property `se.pipechain.ship.order.error` in the server's property file. It defaults to 16.

Please note that when shipment time is given as a date, then the shipment time is considered to be 00:00.

Property file example:

`se.pipechain.ship.order.warning = 1`

`se.pipechain.ship.order.error = 20`

#### Customer Product View - SMI Filter and Selected Properties 6003 and 10031

The 'SMI Filter' button in the Customer Product view is now a personal setting (previously, it was a global setting controlled by Sel Prop 10031).

Sel Prop 10031 now only serves as initial setting, before user changes it.

Sel Prop 6003 can be used to override, and force Suppliers to view SMI products only.

# Release Notes Summary

## PipeChain 2019



### PipeChain 2019 16

Release Date: 2021-03-26

#### **Session caching of SelectedProperty mismatch**

Session caching of SelectedProperty can sometimes mismatch and not read the actual setting. This can result in reconfirmation being impossible, for example.

This issue has now been addressed;

Fixed session selected property cache key store and lookup error

Initialize and use session selected propertycache in order and shipindelv screens

#### **Clone Supplier Price to Project Price failed when changing PriceZoneCode**

B&I: Clone Supplier Price to Project Price failed when changing PriceZoneCode. This issue has now been addressed.

#### **Order is never finished when partially delivered**

PW03 was received after CS06 with a lower amount of shipped products than agreed but with IsLastShipping set to true. Then the order line never got a new status, but was forever in state partially received.