

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 01

Release Date: 2014-11-27

#### **Moved "Not Confirmed" on Order printout to separate line**

Instead of printing the "(Not Confirmed)" information that is printed on the same line as the orderno in the head of the standard order report when the order is not yet confirmed or changed requested, that information is now printed on a separate line. The text is also made slightly smaller.

#### **PipeChain Client: Customer Change flag is handled correctly if supplier is confirming in Java Client**

The Customer Change flag was not reset if supplier was confirming in Java Client

#### **New possibility to send despatch notification mail after shipment for inbound orders**

It's now possible to send despatch notification mail when shipping an inbound order. To activate this function following selected properties has to be set up:

[280] Generate Notification Mail for Despatch(true/false). Default false. - Is used to activate the function

[281] Mail address for receiving Despatch Notification. - Mail address to receive the despatch notification (for to-address)

[282] Mail address for receiving copy of Despatch Notification - For cc-address

[283] Send Despatch Notification Mail to Customer Contact(s)(true/false). Default false - Activate sending of mail to Order customer contact 1 & 2. (for to-address)

#### **WebShop: Better error messages in WebShop**

The error message written if a product has an agreement for VMI is already alarmed when showing the basket.

The error messages written when the customer requires a purchase order id and line id and it not are given is modified.

#### **WebEDI - Icon in Order Overview when lines have document attachments**

An icon will be displayed in the "Attachment" column, in Order overview screen, when order's lines have document attachments. Selected Property 7013 enabled the function.

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### **PipeChain Server: Reception Registration for POC order is logged at order.**

The CS06 transaction, pointing out a POC order, is logged at order.

The transaction can be found in the Java Client, Order detail, transactions folder.

### **WebEDI: Notificaion mail is corrected.**

URL is added to MP01 message to make the link in the mail work.

Orderlineid is corrected. Previously the suborderlineid was used which not is correct.

### **WebEDI: Add invoice row fee improvement and correctsions**

Added the text "Set amount to 0 and press calculate to delete fee" after Fee subtable. Same wording/behaviour as extra invoice select rows.

Also corrected a bug where you could enter the same fee twice if you calculated between adding them.

### **DeliveryRecipient could not be changed in client**

Changing the delivery recipient in the client (orders and biz nodes screens) was previously impossible; due to a bugg, the goods recipient was changed instead.

This issue had now been remedied.

### **Analyzer: Stock Days (Duration) was not correct in Inventory Report (daily)**

For the Stock Days (Duration) KPI it is important to exclude "inactive" data (with a zero or near zero outflow), since such data would ruin the averages of the Active data.

This was done in the Dashboard views och for Inventory Report (weekly) but only partly for Inventory Report (Daily).

This error generally caused too low averages to be displayed for Stock Days in Inventory Report (Daily).

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### **WebShop: Property Values settings used by customer change of order in WebShop corrected.**

The following Property Values are now handled correctly:

10011 – DEMANDEDQUANTITYCHANGEABILITY Demanded Quantity Changeability.

10012 – RECEIPTTIMECHANGEABILITY Receipt Time Changeability.

10015 – ORDERLINEPRODUCTIONTIMEEXCEEDING Order Line Production Time Exceeding

Previously the setup had to be a selected property pointing out valid property value using the property value key.

It is now possible to only define the property value without selected property.

### **WebShop: Not possible to split line if property is set and FrozenHorizon is reached.**

The split line function is not available if the property 10022 is set and the FrozenHorizon is reached.

The property 10022 is decided as;

CHANGEABILITYTYPE -WebShop - Customer Changeability Margin. Valid values in Setting: 1 = Uses Frozen Margin, 2 = Production Time Margin, 3= No shipment time check. Default: 1

### **Added supplier name and purchase order line with remainder row no in order line overview**

Added supplier name and purchase order line with remainder row no in order line overview. Also made product id, received qty and rcp time hidable in Finished order line overview.

### **Table data in Delivery Reception mail was not correct**

Table data in Delivery Reception mail was not correct. The labels was not matching data columns in table shown in mail. This occurred when goods label data was missing. This is now corrected.

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### **PipeChain Server: PW40 PurchaseOrder transaction change flag alternative behavior**

Standard behavior for the PW40 PurchaseOrder transaction is for the customer and supplier to validate the partners changes, or perform additional changes. However, in some cases the desired behavior is that the customer only refers to his own data. This will need to reflect on a different behavior of the change flags (Supplier Change, Customer Change) set by the PW40 PurchaseOrder transaction.

The standard behavior is that the data in CS40 is compared with the suppliers confirmed data in order to see if there is a change. In the alternative case you will compare the PW40 data with the previously sent PW40 data from the customer in order to see if there is a change. Further more, if no customer changes are detected in this case, an existing supplier change flag will not be reset by PW40 as standard.

In order to activate the behaviour, set the selected property 75 ("CS40 amd PW40 Compares customers values against dmd values, instead of confirmed (default). Valid values in Setting: true, false. Default: false") to true.

### **WebEDI: Order printout page break only between order lines**

The request has been made for the order printout to only break between order lines. Previously only the order line price/qty/date information was kept together, and the page where allowed to break anywhere between and in the additional information data for the line. Now the entire orderline is kept together. Also added a dotted line between order lines, for additional clarity.

These changed does not affect customized order reports.

### **Terms of delivery field in screen Ship Order Lines was not showing correct values**

Terms of delivery field in screen Ship Order Lines was not showing correct values. The terms of delivery value was always equal the value from the first shipping group. This error is now corrected.

### **Despatch dates reset if despatch can not be created**

If the despatch cannot be created because of business rules vilation, the usered entered dates where disregarded and the dates reset. This issue has now been remedied.

### **PipeChain Server: Terms and Mode of Delivery is fetched from Business Agreement for Web shop order transaction.**

If Pipechain receives a PurchaseOrder transaction from a customer (PW 40) and it is supposed to be handled as a webshop order (property 10027 ' Create an order as from webshop when handling transaction PW40 and PW51) the Terms and Mode of Delivery is fetched from Business Agreement instead of the transaction.

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### **PipeChain Server: Confirming a shipped orderline does not result in error.**

If a supplier confirms a shipped orderline with transaction the InboundOrderResponses transaction PW02, the whole transaction will not be classified with error. The line will just be ignored. Message Id is 120038

### **Transaction readers handles new addresses that are equal as one address**

The following transactions had issues where a new address that occurs several times in one transaction are interpreted as different new addresses CS40 PurchaseOrders, PW40 PurchaseOrders, CS43 PartnerDefinition, DeliverySchedules CS38 DeliverySchedules PW51, Invoices (CS80), Outbound Invoices (CS80).

Also managed an issue where CountryNo where used as unique identifier for one address.

These issues have now been corrected.

### **Transaction conflict on Indeliv when cancelling despatch**

If the supplier has made a dispatch where an orderline occurs more than one time, the cancel despatch function did not work. Now that misbehavior is corrected.

### **Webshop basket line datepicker does not work with mouse**

When selecting a different delivery/reception date on a basket line, you cannot select the time by using the mouse - you must use the arrow keys to key down to the desired date. This bug affects Internet Explorer version 10 and 11, and Chrome. The issue has been resolved.

### **PipeChain Server: OrderStatus when cancelling order in OrderResponse transaction to Customer corrected.**

The OrderStatus in PW05 transaction was not correct when a whole order was cancelled by incoming OrderResponse transaction from site (CS02) or if user cancelled the last order line manually in the order detail screen.

### **WebEDI: Status correction when splitting an confirmed line in WebEDI.**

When a confirmed line in WebEDI is split, the remainder row will get status Requested. When this requested line is confirmed, the EdiStatus will be 1 in the InboundOrderResponses message (CS05) to site.

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### **WebShop: The Web Customer Own Bucket Overview is extended with search criteria.**

The implemented search criteria are Customer and Product.

### **Despatch problems with language settings that uses thousand-separator**

There have been problems when shipping large quantities that are using a thousand-seperator. The thousand-separator is interpreted as a decimal point and the quantity shipped is thus a factor of one thousand lower than expected.

This issue has now been resolved by not displaying thousand-separators when despatching.

### **Erronous emailadress causes errors**

Legacy emailaddresses that are not correct could exist in an old PipeChain database that is upgraded. These emailaddress causes an error when showing them in the web interface due to a hard check that prevents erroneous emailaddresses to be written to the database.

The hard check has been disabled, and faulty emailaddress now displays without problem. You are still unable to save these faulty adresses, though.

### **PipeChain Server: New property for Despatch Advice controls lookup of best delivery to ship**

A new property is implemented for InboundDespatchAdvice (PW03) from supplier, older than schemas for version 4.4.0.

The property is 48 with the explanation 'Sort the deliveries on shipment time instead or reception time when shipping by transaction. Trans older than 4.4.0. Valid values in Setting: true, false. Default: false' If this is set and PC is supposed to find the most matching delivery by itself, the deliver with first confirmed shipment time is chosen instead of, as now, confirmed reception time.

### **PW05 OrderResponse missing salesorderid information**

SalesOrderId on OrderHead element does not appear in PW05, although it is correct on the Order in the database, and the CS02 OrderResponse Transaction.

This issue was a result of a caching error, and have now been resolved.

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### **Error message improvements on outbound transactions**

Error messages have been improved for the transactions PW40 PurchaseOrders, CS80 Invoices, CS02 OrderResponse, CS03 DespatchAdvice, CS08 ProductDefinition, CS72 ProductRequisition

Events on CS02 OrderResponse that might have been affected by this service pack are events for Textid's 110140, 120026, 120027, 120045, 120046, 120047, 120051, 120052, 120072, that have had Site and sometimes also biznode information added.

### **Improvements when exporting to Excel from web application**

It is important to get the format of floating point numbers and dates correct, when exporting a web page to Microsoft Excel. It is now possible to use different formats in the web application itself and when exporting. Please select the proper Excel formats in User Settings page.

It is important to select the same 'Decimal Separator' as Excel uses. If not, the exported file will not be handled as an Excel spreadsheet.

It is also important to use a 'Date Format' that Excel can interpret correctly. Using a pattern with four year digits is helpful.

Administrators can add new customized date formats from a new screen in the PipeChain client.

### **Colormarking correction of deviations**

Corrected color markings for deviations in order detail screen. This also affects the aggregated values shown on the order overview screen. Color-coding for Price was not shown in the web screen, and Percentage neither in the web screen or the java screen.

A limit of three months history (ie a shipment date of 90 days back) that existed for performance reasons has been removed. Performance gained are deemed minor to the inconsistencies that it caused to business rules. Performance issues can be regulated through the Selected Property 7001, Order Screen Optimization.

Also made time resolution (minutes vs days) a factor in the color coding markings.

### **PipeChain Server: Possible to update shipped despatch if property is set.**

If property 73 is set by the rules below;

Allow update of despatch and send transaction defined in setting. Valid values in Setting : CS05, CS48, CS05&CS48 Default: None

The Despatch detail screen is extended with a new button named update despatch. The despatch head can then be updated and the transaction defined in property is sent.

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### PipeChain 4.9.6 02

Release Date: 2014-12-15

#### **WebEDI – The notification mail to supplier, when a new commission order is received, has been extended**

The mail the supplier receives when a commission order is created in the webshop or by an EDI order from the customer's ERP system is complemented with additional information on order head and order lines. The mail will have the same look as if the order was a Direct Order or Stock Order (from CS40).

#### **Added possibility to show all active orders in one order page**

Added possibility to show all active orders in one order page. This is solved by a special search condition "s\_allActiveOrders=true", by applying this search condition the web page will show all order that are not completely shipped.

#### **WebEDI - The Delivery Overview is extended with order date.**

The order date can be used for search and sorting.

#### **PipeChain Client: Some columns are made sortable**

In the Inbound Delivery Overview and Finished Inbound Delivery Overview screens, the column "ContainerNo" is made sortable.

In the Own Bucket Overview screen, the columns "Site Id" and "Site Name" are made sortable.



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### New printout for order confirmation

A new printout "Order Confirmation" is added in Outbound Order Detail page. This report has the same layout as the normal order print out but the supplier confirmed values is used for quantity and reception date. The old order print out is also changed so that it will always print demand values regardless of order status.

### Action on installation

Change from:  
line ~189

```
<fo:table-cell border-style="solid" border-width="0pt" border-color="white"
padding-start="0pt" padding-end="0pt" padding-before="0pt" padding-after="0pt" display-align="before"
text-align="start">
  <fo:block/>
</fo:table-cell>
```

To:

```
<fo:table-cell border-style="solid" border-width="0pt" border-color="white"
padding-start="0pt" padding-end="0pt" padding-before="0pt" padding-after="0pt" display-align="before"
text-align="start">
  <fo:block wrap-option="no-wrap">
    <xsl:if test="@useConfirmedValues = 'true'">
      <fo:inline font-size="12pt" font-weight="bold">Order Confirmation</fo:inline>
      <fo:inline font-size="12pt" font-weight="bold">&#160;</fo:inline>
    </xsl:if>
  </fo:block>
</fo:table-cell>
```

### WebEDI – Following screens are multi sited – Despatch, Finish order and Finish Delivery.

The overview screens are able to display more than one site at the same time.

### PipeChain Server : Rejecting whole order with transaction InboundOrderResponses from supplier is corrected.

The transaction PW02 does now work and is logged with the order. The cancelled order is not automatically moved to finished table. To get this behavior, please read more about simple order management (property 13). If the inbound order is connected to an outbound order, as with Commission Call-off, the outbound order is handled as the inbound order.

### Order lines with delivery type purchase order was not displayed in Inbound Delivery Overview

Order lines with delivery type purchase order was not displayed in Inbound Delivery Overview. This was the case when using simple order management. This error is now corrected.

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### **Analyzer: Not all deliveries (order lines) were saved to PipeChain Analyzer**

If a forecast line was changed to "firm", it was never saved to PipeChain Analyzer. Now "firm" deliveries are saved when they reach status "shipped" or higher.

Several shipment use cases did NOT trigger that the delivery should be examined (and possibly saved) by PipeChain Analyzer. This was changed.

Cancelled deliveries were saved to PipeChain Analyzer until version 4.9.4 when "Receipt Time" was explicitly set to "no date".

This was unfortunately done in the database, which meant that PipeChain Analyzer began to discard these deliveries since they could not be connected to a Time Dimension.

This was changed so that "Receipt Time" remains equal to "Announced Receipt Time" in the database, and "Receipt Time" is suppressed in the client instead.

### **No demand plan history was created**

If using both CS38 and CS34 (or more than one per supplier of one of them) only one of them will generate demand plan history as it is only allowed to generate one demand plan history per day. This is now solved by a new selected property [80] Allow several demand plans created per day. Valid values in Setting: true, false. Default: true.

## **PipeChain 4.9.6 03**

Release Date: 2014-12-17

### **Analyzer: Undo Delivery Precision Error is now logged**

Delivery Precision errors can be undone in the Inbound Delivery Overview and Finished Inbound Delivery Overview screens.

Now this operation is logged, using a new Analyzer message with id 510000. Thus email events can be configured for this operation.

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### PipeChain 4.9.6 04

Release Date: 2014-12-23

#### **WebEDI - The Purchase Orders transaction is corrected regarding cancel order**

A Purchase Orders transaction (CS40) with Operation="Cancelled" on OrderHead with quantities more than 0 in orderlines was not cancelled. This is corrected.

#### **Corrected error message on CS40 PurchaseOrders transaction and put error details in the log**

The error message when the notification mail fails in CS40 Purchase Orders transaction was "Failed to send confirmation mail". This has now been corrected to "Failed to send notification mail".

The details of the error was not written to the log. This has also been corrected - also for CS80 and PW02, where similar errors occurred, they were also truncated in the log.

#### **PipeChain Server: New property for Despatch Advice controls lookup of best delivery to ship**

A new property is implemented for InboundDespatchAdvice (PW03) from supplier.

The property is 48 with the explanation 'Sort the deliveries on shipment time instead or reception time when shipping by transaction. Valid values in Setting: true, false. Default: false'

If this is set and PC is supposed to find the most matching delivery by itself, the deliver with first confirmed shipment time is chosen instead of, as now, confirmed reception time.

Previously the property 48 was only valid for transactions referring to schemas with version older than 4.4.0.

#### **PipeChain Server - The DespatchAdvice from site generates deviation mail, without deviation.**

The DespatchAdvice, CS03, generates a deviation mail even if no deviation exist in despatch even if the setup is 'only at deviation' on user detail.

#### **Customer FlowModels did not set error if customer not exist.**

The transaction Customer FlowModels did not set error if customer not exist. Now it does.

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### **DeliverySchedule PW51 and CS38 transaction changes**

Using ForecastIntervalOperation specified in transaction, only the deliveries with the timestamp date (the date you are using in the transaction) within the interval is replaced. This has been changed from using the delivery's forecastdate. The documentation specified shipmentdate.

Also, in PW51 (only) it's now possible to omit the supplier's product id, if you have a delivery agreement set up for the product in question.

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### PipeChain 4.9.6 05

Release Date: 2015-01-12

#### VMI, WebEDI, Monitoring: Black Stock warnings

It is now possible to receive warning messages (events) whenever

- stock at hand
- stock in transit or
- a confirmed delivery

exceeds the demand, i.e. lasts a very long time. This is a new term called Black Stock ("above blue stock") in PipeChain.

The function is controlled by Selected property no 1071 "Defines the threshold (duration days) for Black Stock. Set on Site level or above. Positive integer value. Default: 1000".

Only if any stock will last beyond this threshold, a warning is created.

There is a background job to set the frequency of this check called "Compute Black Stock". Default is once a day at midnight.

A warning may look something like this:

Black Stock is discovered for a confirmed delivery in site "2 (Site2)" for supplier "1234", "", bucket "22773344", "". Balance=1 785,00, in transit balance=952,00, confirmed balance=1 190,00. Minimum delivery quantity=119,00.

Email events may be created by prescribing on messages with text id '120039' (for own buckets) or '120040' (for customer buckets).

#### PipeChain Clients: REAL STOCK IN TRANSIT, changes to balance data in own and customer product screens

Important change for all VMI flows as well as Monitoring of stock in both desktop and web access clients.

In order to better align the term "In Transit" to the general logistic term, PipeChain is now using this "In Transit" only for goods that are shipped (and not for confirmed+shipped anymore) not yet received.

Two new Balances are displayed:

'In Transit Balance' (Shipped but not Received quantity)

'Confirmed Balance' (Confirmed but not Shipped quantity)

The previous balance data remains, and the relation is

$$\text{Virtual Balance} = (\text{Balance} - \text{Shortage}) + \text{In Transit Balance} + \text{Confirmed Balance}$$

In the same way as the field 'Duration' corresponds to the field 'Balance', the new field 'In Transit Duration' corresponds to 'In Transit Balance', i.e. as an additional run-out time.

This has now replaced the field 'Stock In Transit'.

The fields will be populated the first time after the night job "Consistency check" is run.

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### PipeChain 4.9.6 06

Release Date: 2015-01-13

#### **WebEDI - Customer Bucket Detail and Outbound Delivery Agreement Detail screens are complemented**

The Customer Bucket Detail screen is complemented with document information.

The Outbound Delivery Agreement Detail screen is complemented with price information

#### **PipeChain Platform: Background jobs could be saved with inconsistent keys**

The error was introduced in version 4.9.6.

Background Jobs of type "Scheduled by Time Window Settings" and running by site was accidentally saved with SiteKey and BizKey.

Previously they were saved with SiteKey and BizKey=0.

Thus the original records were not used, and new records with default parameters were created.

Notably, start time configurations were reset to default (once per day at 24:00/12 PM).

The error was corrected by - again - saving these records with SiteKey and BizKey=0.

#### **Action on installation**

If you have just upgraded to version 4.9.6 - no action.

If you are already running version 4.9.6 - you must reconfigure the start times of your background jobs of type "Scheduled by Time Window Settings" and running by site.

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### PipeChain 4.9.6 07

Release Date: 2015-01-14

#### **WebEDI: Transaction conflict in CS40 Purchase Orders**

If the CS40 transaction contains the same product for both a supplier with a Delivery Agreement and a supplier without a Delivery Agreement, a transaction conflict will occur (on a BOOwnProdNode).

The conflict was resolved.

#### **WebEDI: NULL pointer when Shipping**

An unconditional NULL-pointer exception occurred if there was no product (Own Bucket) defined. The error was introduced in 4.9.6 SP05. The error was corrected.

#### **New notification for changes in Delivery Agreement by CS10 DeliveryAgreements transaction**

Changes in delivery agreements are logged into the message Log by the change agent. In response to a request for the supplier receiving a notification when price or documents are changed, the logging made by change agent now also includes changes in the Document and Price. For Documents, new, deleted and modified documents (i.e. name attribute), price changes (i.e. price attribute) are logged. Please note one prize is supported by the logging.

If Selected Property 359 " Send Delivery Agreement Change mail..." is set to true, then the background job "Send Notification Mail" will send the changes in delivery agreement with regard to price and document since last time it has been run (24 h normally), aggregated into a single email per supplier, sorted in the order the changes where applied. The email is sent to the contact persons for order changes (Sel Prop 300 and 302).

Note that this means if multiple changes at the same delivery agreement is present in the log, every changes will be listed in date order, i.e. not aggregated by delivery agreement.

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### PipeChain 4.9.6 08

Release Date: 2015-02-05

#### **WebShop Property for not allowing ordering in past time is valid for order change.**

The property 10016, used to not allowing ordering in past time, is also valid when changing an order. The reception time is also not automatically changed to current time when keying in a passed date. This is done to avoid that erroneous dates just are changed to current date without giving notice to the user.

#### **PipeChain Server - The Invoice transaction checks that the invoice has lines.**

A message is introduced that informs if a received invoice transaction (CS80) not has got any lines.

#### **PipeChain Server - The Invoice transaction does not consider price base when calculating net amount**

The net amount is now correct when UnitPriceBase is used for calculating NetAmount in incoming CS80 transactions.

#### **Error logging on Order Confirmation and Order Confirmation Deviation notification mails**

Corrected logging in log file for sending of Order Confirmation and Order Confirmation Deviation notification mails. An error was logged of type "Failed to send order confirmation/shipping notification. User[NN] has no email address, neither has Partner Agreement " when the mail was not sent up to be sent.

#### **PipeChain Server: Order response from supplier (PW02) modified – allowed to cancel an already cancelled line**

Previously you got 'process error' if you tried to cancel an already cancelled order line. Independent of if you handle cancel by Operation="Delete" or Operation="Update" and DeliveryQuantity="0"

#### **Order lines was moved to Finished Order Lines before they were invoiced**

Order lines were moved to Finished Order Lines before they were invoiced. They should not be moved when partner agreement is set up to expect invoice. This error is now corrected.



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### **WebEDI: Wrong shipment date on pallet labels**

The Sshipment date on pallet labels could sometimes be one day off. The problem is now corrected.

### **WebEDI: Partially received orderline now possible to change with CS40 PurchaseOrder transaction**

Previously, orderlines that where of partially received, as not possible to update via CS40 PurchaseOrder transaction, along with received or higher statuses and fully shipped orderlines. The transaction would fail.

A business rules change has been made so the CS40 transaction now can change partially received orderlines, as long as they are not fully shipped. Also, you cannot adjust the quantity to less than what already has been shipped.

### **WebEDI: Datepicker gets "clear" button, close button changes caption**

In order to provide a method to clear the values of date in certain screens where keyboard input is not accepted, a "Clear"-button has been added to the Datepicker. The screens are Supplier Inventory Report, Supplier Forecast Accuracy VMI Report, Supplier Forecast Accuracy Order Report, also Customer Inventory Report and Forecast Accuracy VMI Report.

As a generic change, the Datepickers "Close"-button has had its caption changed to "Cancel" to better comply with application standard. The functionality has not been changed.

### **PW02 InboundOrderResponses transactions fails when splitting partially received deliveries**

A delivery that is partially received, and split so that the remaining quantity is no more than what has already been received will be erroneously handled by the transaction reader, in the case that the delivery already is invoiced - or invoicing is not used. The resulting transfer of the delivery to Finished is the root of this issue.

This issue has now been dealt with, although one bug remains: The delivery affected per above can not have its AdditionalInformation updated if no AdditionalInformation previously existed.

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### Supplier notification mail of new documents for Delivery Agreements

When documentation for a product is changed, it is now possible to send a notification to the relevant suppliers.

Either this is managed via sending delivery agreement transactions to PipeChain, or by sending the actual files to PipeChain whereafter the files are matched.

The following is configurable in this functionality:

1. To enable DAGnotification mail, selected property 359 setting=true.
2. To enabling matching between files and delivery agreements, set selected property 1064='1'. This selected property identifies a file name structure used to match towards delivery agreements. '1' supports <prodid>(<VariantId>)extension, e.g. 11(1) - ABC.pdf for product 11 and variant/revision 1.
3. If documents are independent of variants/revisions of a product, this can be set via selected property 1062: 'Attachment product level'. If this setting = 'product', suppliers are only notified once per product id, and all variants share the same documents.
4. If the documents are independent of site at the customer, this can be set via select property 1063: 'Attachment business level'. If this setting = 'business', suppliers are only notified once per business, and all sites share same documents. OBS: in this case setting 359 should only be 'true' on ONE site, otherwise there will be duplicates sent out.

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### PipeChain 4.9.6 09

Release Date: 2015-02-10

#### **CS80 Invoice cannot find the split delivery if no remainder row is present**

If a CS80 Invoice is received for an order line which is split, and no remainder row which designates which line to use, the transaction fails as there is no way to discern which is the split order line to invoice.

This behaviour has now changed so if multiple deliveries are found, originating from the same order line (i.e., a split has been detected), CS80 assumes that you intend to invoice the delivery with the lowest split number.

#### **WebEDI: Warning message on confirm with deviations adjusted.**

When confirming an order with either time or quantity out of bounds set by deviation limits, a message is prompted to the user: "Your order confirmation has been sent, though you are advised to contact your Customer or adjust Accepted Quantity / Receipt Time and confirm the order again. This message is shown even if the order confirmation transaction CS05 is not sent (according to Selected Properties 60 and 67) , confusing the user.

The message has been adjusted so it omits the "order confirmation has been sent"-part, if the order confirmation transaction is in fact not sent.

#### **WebEDI: CS40 PurchaseOrders transaction; Changed ShortDescription attribute should not be considered an order change**

In previous development the attribute OrderLine.ShortDescription in CS40 PurchaseOrders has been added into the set of attributed that triggers an order change event. This functionality is not desired by every user, which is why the Selected Property 76: "Check if ShortDescr (CS40 Orderline.ShortDescription) has changed when checking if a purchase order line is considered as changed. Default: true" has been implemented. Setting this Selected Property to false will omit any changes in the ShortDescription attribute from triggering the order change event.

#### **Analyzer: Data change for Dashboard and Report screens**

The changes were necessary since the KPI-tables (used by Dashboard and Report screens) could not handle PipeChain installations with more than one business. Now, it is possible to use multiple businesses, in one or several Analyzer databases.

OLAP processing has been separated from KPI-table update. OLAP processing is controlled by settings in PipeChainAnalyzer table AnalyzerProperties, just as before.

KPI-table update no longer requires a trigger, since it is automatically started as the final part of the Analyzer Poll background job.

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### **WebEDI: Wrong order status if several sites (WebEDI customers) use the same Order Id**

If several sites (WebEDI customers) use the same Order Id, order status for a fully Shipped order could become Partially Shipped.

This occurred if there were non-shippes order lines on another order with the same Order Id in another Site (WebEDI customer).

The error was corrected.

### **Analyzer: Update of weekly KPI tables could fail**

The error could occur when the last day of a year is a wednesday (2014 was such a year).

In this case the week "2015w01" was interpreted as "2014w01", which is not only incorrect, it could also cause a conflict with year-old existing data in the weekly KPI tables.

The error was corrected.

### **WebEDI: Columns Devation Info and Deviation Code are now visible in screens Outbound Delivery Overview and Finished Outbound Delivery Overview**

The new columns are visible if either of these two Selected Properties are activated

SP 1561 - "Use order line deviation code and text at confirmation. Valid values in Setting: 1 = Not used, 2 = Used, 3 = Mandatory on reject. Default: 1"

SP 1563 - "Use order line deviation code and text at despatch. Valid values in Setting: 1 = Not used, 2 = Used. Default: 1"

The new columns are never editable in screens Outbound Delivery Overview and Finished Outbound Delivery Overview.

Note: Columns were visible in screen Outbound Delivery Overview alredy in SP08.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 10

Release Date: 2015-02-16

#### **Own flow model, "aggregated every time customer flow model" not updated when customer flow model is updated**

If the update mode of your own flow model is "aggregated every time customer flow model", i.e. aggregated online, does not update automatically, i.e. online, when customer flow model is manually updated in the client - no update is made until you press the update button in the own flow model detail screen.

This issue has now been resolved.

#### **Improved error message in CS80 Invoices transaction.**

If the required fields InvoiceDate or PaymentDueDate are missing, the transaction will fail by design. The error message itself is cryptic, example: "MACom transaction processing error: Transaction number NN could not be processed. Unexpected exception while performing transaction in Invoice.insertObject! Error cause is: null". This is due to no error handling is done in the parser.

Thes standard error handling has now been implemented in the parser, and the message is now: "MACom transaction processing error: Transaction number NN could not be processed. Required field PaymentDueDate is missing."

#### **Very large number shown in engineering format**

Very large numbers (values are  $\geq 10'000'000.$ ) are show in engineering format, which also is used in transactions (ie "10E11") . This has also been affecting the web application.

This issues has been remedied; Even very large are shown in their normal user-defined formatting. Some values in the web despatch screen might still be shown with standardized format (i.e. 1234.56) for technical reasons.

#### **CS40 PurchaseOrder transaction cancel on head corrected**

The transaction reader for purchaseorders (CS40) has previously been corrected for cancel operation on head. Unfortunately, this correction introduced errors of its own.

These errors has now been corrected.

# Release Notes Summary

## PipeChain 4.9.6



### **PipeChain Server - New error messages for FlowModels**

The flow models transactions will set new error messages if the transaction not is fragmented; 110149 for own flow model and 110155 for customer flow model, errors will be handled as processed with warning.

If it is fragmented, errors will be handed as process error.

### **WebEDI: Limit Shipment date in despatch screen to todays date**

Selected Property 133, "Use today's date for the shipment time of the despatch" has been extended to be able to force the user to despatch using no other date than todays date. Previously this behaviour was controled by a simply setting the value to true, and todays date was set or simply suggested as start date, depending on the Selected Property 400 and 401. Now, the selected property 133 has three values. false, true, force, where the default is false.

Setting the value to "true" will cause the same behaviour as before, where "force" will use todays date as shopment date, regardless of the setting of Selected Property 400 and 401.

### **WebEDI: Order Date collumn added to screen Finished Delivery Overview**

The column is hideable, serchable and sortable.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 11

Release Date: 2015-02-18

#### **VMI: Reception Schedule Overview screen showed transport days erroneously**

When a Reception Schedule is of type "Transport", the screen should display "days with transports", rather than "open days".

This was correct in the detail screen and in the overview screen AFTER refresh, but the selected row in the overview screen always showed "open days".

#### **Error when confirming a manually created delivery in Java Client**

A manually created delivery suggestion could have Demand Qty 0. Due to a bug this causes the application to see the confirmation as canceling of the delivery, an error in itself. The cancellation will first finish the indelivery and then proceed to update it, triggering a second error showing as "Database Error" Failed to write column Custchange. Normal cancellation will still work however.

The second error is only present in the simple order management case, but both issues have now been addressed for all cases.

#### **Error when confirming a manually created delivery in Java Client**

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The second error is only present in the simple order management case, but both issues have now been addressed for all cases.

#### **Could not make reception registration without any suggestions or order lines**

Could not make reception registration without any suggestions or order lines, in this case should a new line be created and this line should be moved to finished inbound deliveries. But this failed with error message: Transaction number 7887899 could not be processed. Failed to delete record InDeliv [SupplBizNodeId = '51696' AND DelivAddressId = " AND ProdId = '21029208' AND ProdVariant = " AND DelivId = 'vpwthgt17705099-2' AND DelivType = 30 AND SiteKey = 4] - Record hasn't been saved yet. This error has now been corrected.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 12

Release Date: 2015-02-20

**PipeChain Server - The Order can be confirmed by the InboundOrderResponses transaction even if the InboundOrders to supplier not is set up.**

Previously the InboundOrderResponses (PW02) was not handled correctly if the InboundOrders not was set up in the partner agreement.

### **Subrow information (RemainderRowNo, IsRemainder) missing in CS80 Invoices Transaction**

When Invoicing and orderline with CS80 Invoices transaction, an orderline is finished or missing from the database, the Subrow information, consisting of RemainderRowNo and the IsRemainder flag, are not included in the outgoing CS80 Invoices transaction message generated. This issue has now been resolved.

Also corrected a minor bug where PriceUnit was not included in the orderline was finished.

### **VMI: Transport Leadtime and Production Leadtime were incorrect in the Duration Meter Overview screen**

Transport Lead Time showed Production LeadTime and Production LeadTime was always empty. The error was corrected.

In the same screen, the new (from version 4.9.6) attributes "In Transit Balance" and "Confirmed Balance" was never set. This was also corrected

### PipeChain 4.9.6 13

Release Date: 2015-02-27

### **TOM: null-pointer vid Undo Delivery Precision Error**

This was probably caused by performing the operation on a delivery that is either cancelled or "Excluded from Reports" (in these cases a null-value is saved to exempt the value from Delivery Precision computations).

These two cases are now handled as "no Delivery Precision error", and the return dialog message is updated accordingly.

### **WebEDI: Forecast Delivery Period error summing quantities over Sites**

There was an error in Forecast Delivery Period. Some of the period quantities were missing on rows summed over several sites.



# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 14

Release Date: 2015-03-09

#### **WebEDI: Gross Demand screen changes for continous outflow**

The continous outflow types (Sales Forecast, Production Plan Daily and Flow Meter) did not have their demands displayed in a continous manner, instead, only demand on the actually flow period dates were displayed. Also, the very last day of the period had its demand missing. These issues have been adressed.

Also, a number of changes have been made that make the screen to better correspond to the java client screen. The screen now only uses ISO-weeks, the demands are compiled from the actual search dates instead of beginning of week/month when week/month timebucket where selected.

#### **WebEDI: Deviation Codes can by mandatory**

By setting the two Selected Properties

1561 - "Use order line deviation code and text at confirmation. Valid values in Setting: 1 = Not used, 2 = Used, 3 = Mandatory on reject, 4 = Mandatory if change exceeds Deviation Limit, 5 = Mandatory if changed. Default: 1"

1563 - "Use order line deviation code and text at despatch. Valid values in Setting: 1 = Not used, 2 = Used, 4 = Mandatory if change exceeds Deviation Limit, 5 = Mandatory if changed. Default: 1"  
to the value 4, the manual use cases for Confirmation / Despatch will require that a Deviation Code is set for each order line where any deviation exceends the corresponding Deviation Limit  
to the value 5, the manual use cases for Confirmation / Despatch will require that a Deviation Code is set for each order line where any deviation exceends zero

#### **WebEDI: The address on a Transport Label is fetched from Delivery Recipient if Goods Recipient is missing**

The address on a Transport Label is fetched from the Delivery Recipient if the Goods Recipient is missing.

Before, a missing Goods Recipient would cause the address field to become empty.

#### **WebEDI: PurchaseInformation for order line extended settings**

Additional information for each order line is optional with Selected Property 136 "Show Additional details on the order line" This property has tre different settings;; 0 = Do not show 1 = General information only, 2 = Show all.

This functionality has been extended with a new possible value: 3 = General and Purchase information.

# Release Notes Summary

## PipeChain 4.9.6



**WebEDI: It's now possible to abort order confirmation if quantity and (reception) time limits are out of bounds.**

When selected property 40 and 41 are enabled, a warning will pop up when you confirm the order with an out-of-bound deviation. Previously only a warning that the confirmation are out of bounds are received and the confirm was sent regardless. Now, when these pop up warnings are received, it is now possible for the user to cancel the confirmation operation and return to the confirmation dialogue.

### PipeChain 4.9.6 15

Release Date: 2015-03-09

**WebEDI: Columns in the screen Create Invoice Detail are made hideable**

About half of the columns in the screen Create Invoice Detail were not hideable. Now all columns are hideable except "Product Id" (because certain functionality depends on this column).

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 16

Release Date: 2015-03-16

#### **Cancelling of reception registration was not always possible**

Cancelling of Reception registration was not always possible. When cancelling an order line that is splitted the user gets following error message "Duplicate! We already have such a record". This error is now corrected.

#### **VMI: Web supplier's Inventory Chart shows data in customer's time zone**

The web supplier's Inventory Chart now displays its data according to the customer's time zone. I.e. the same time zone as the demands originate in.

#### **PipeChain Client: Confirmed and Last confirmed qty and times are unconditionally set when saving**

The confirmed and last confirmed qty and times on an outbound delivery are conditionally set. They should only be set if you do send a PW05 when saving the order, according to your setup. Today this is not checked for, which makes the last confirmed quantity (and confirmed, if the orderline is not yet confirmed status) equal to the current value when saving data.

Resolved to only set last confirmed and confirmed qty and times when actually sending a PW05. Please note that price information is currently not affected neither before or after this change.

#### **Received delivery was not moved to finished deliveries when creating new delivery for reception**

When reception registration is processed and there is no delivery line matching an new delivery line is created a finished delivery (Finished Inbound Deliveries), but that was not the case, the delivery was created in inbound deliveries (on finished). This has not be changed so that the created delivery is moved directly to Finished Inbound Deliveries.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 17

Release Date: 2015-03-27

#### **New Screen for forecast history showing all products with colors indicating changes**

A new screen has been added to the Forecast Menu. The new screen has a dropdown with all forecast dates and when the user has chosen one of them all included products are listed below. If there are any changes compared to the previous forecast this is indicated with blue for new demand and increased demand and yellow for disappeared demand and decreased demand.

The user can choose between daily, weekly and monthly time buckets. Weekly is default. If interested in just a few product ids, you can enter a specific product id or just a part with use of % as wildcard.

The screen shows one supplier at a time but one or all sites. The current supplier is always shown with name in the screen. If showing all sites the quantity shown is the sum for all sites. Note that to sum up several forecasts all forecast must be processed the same day and only the last one will be included if there has been several forecasts processed that day for a supplier. It works best if the forecast comes periodically with one file per supplier and site, and one such file per site - all files the same day.

If there are other forecast statuses than planning in the forecast these are shown on a separate line with its forecast status.

There is currently no Export to Excel in the screen but if selecting and copying the table area and pasting it into Excel the output can be managed in Excel.

Note that the old Forecast History screen has changed name to Product Forecast History, but has the same functionality as before.

#### **Action on installation**

If the screen should be added to the customized menus, the following address should be added:

<http://hosting.pipechain.com/pipechain/supplierforecasthistory>

#### **Correction of error in order response (CS02)**

If the customer id wasn't filled in in the Customer Id attribute the transaction failed with error message null. The error has now been corrected.

#### **Analyzer could show too high "Real Outflow" for Inventory and Forecast Accuracy VMI**

An error in the "Delete Finished Inbound Order"-operation could leave "loose Reception Registrations" in the database. This was corrected.

Sometimes, deliveries are removed or moved in the database. This could also lead to "loose Reception Registrations".

Regardless of the cause, loose "Reception Registrations" in the database are now removed by the nightly background job "Supply Database Cleanup".

"Loose Reception Registrations" would be interpreted by PipeChain Analyzer as inflow, which would translate to an equal "Real Outflow" when the balance was unchanged.

Unfortunately, this error will be repeated until the "loose Reception Registration" is removed.

Also unfortunately, there is no possibility to automatically remove this error from the Analyzer history.

# Release Notes Summary

## PipeChain 4.9.6



### **Analyzer: Loading of weekly KPI table could fail**

This would show up as lack of data in Dashboard and Report screens, and as a message in the message log.

The problem occurred when a Delivery Agreement had a MaxTime set to "9999d". This gave an integer overflow in SQL Server averages computing.

The problem was corrected.

### **Popup eliminated for supplier if no time changed**

When the popup for deviation on confirmation is activated with selected properties 40 and 41 there was a popup even for orders with lines on different times just because the lines had delivery time on different time and not because the supplier changed the order head time. This popup has now been eliminated.

### **PipeChain Client via Citrix: Fixed problem with save file dialog**

There have been problems with the save file dialog, under certain circumstances, when running the client via Citrix. These problems are now fixed.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 18

Release Date: 2015-04-30

#### **WebEDI - Corrections when shipping orderlines without any order**

Order Logging as well as Deviation Mail required that the order line referred to an existing order. This meant that shipment not could be performed for such order lines.

These requirements are now removed, however note that such orderlines can have neither Order Logging nor Notification Mail.

#### **WebEDI: Forecast Delivery Period Overview aggregates forecast status in "All Sites" mode**

When selecting "All sites" in the Forecast Delivery Period Overview, all forecasts from all sites are aggregated. In this process, even forecast of different forecast statuses is aggregated. This is an error, forecast should always be aggregated on base of their forecast status. This issue has now been resolved.

Also, when choosing "All sites", certain information that cannot be aggregated (ie Site Id, Name, forecast date, etc) from the different forecast is blanked out in the resulting table, regardless if the line is aggregated from different sites or not. Previously, only actually aggregated lines had non-aggregatable information blanked out.

#### **VMI: Delivery Agreement always shows field "Send Delivery Suggestions"**

Before, this field was blanked out and disabled with a rather obscure logic.

The changes affect both Overview and Detail, both Inbound and Outbound.

#### **VMI: Delivery Agreement Parameter Group was not editable if defined in the Business or Server level**

This was due to an erroneous condition when the screen was multisited in version 4.9.6. The error was corrected.

#### **MACom: File transaction was sent twice**

Fixed a bug, that could cause a file transaction to be sent twice.

Optimized EMail transaction's sender loop and database cleanup of ShippingDocs.

# Release Notes Summary

## PipeChain 4.9.6



### **JavaClient - Handling of order lines modified when deleting order in Java client.**

The order lines are only cancelled if they are suggestions and the order is an replenishment order, otherwise they are deleted.

### **Deviation Code is lost when confirming an order with error or with warning**

If an order is confirmed with an error or with a warning that prevents the confirmation taking place, the deviation code on the (each) orderline is lost, and have to be re-selected.

This issue has been remedied.

### **PW40 PurchaseOrders transaction all lines are set to "change sent" status**

Per default all orderlines are set to delivery status "change sent to order system" when processed by a PW40 Outbound PurchaseOrders transaction reader, regardless if any changes exists. The behaviour from PW40 WebpurchaseOrder transaction have now been changed so that only lines that are in fact changed will be set to change with "change sent".

### **CS02 error message possible nullpointerexception handled**

In Service Pack 01, Error messages have been improved for the transactions PW40 PurchaseOrders, CS80 Invoices, CS02 OrderResponse, CS03 DespatchAdvice, CS08 ProductDefinition, CS72 ProductRequisition

This error message improvement on CS02 OrderResponse could lead to a nullpointer exception if transaction data is faulty and no corresponding biznode was found. This is now handled in a new error message.

### **VMI: "In Transit Duration" was not color coded in Web Clients**

The error was corrected for both Supplier Web Client and Customer Web Client.

### **Cannot add delivery agreement to parameter group**

A bug in the change management for delivery agreement documents that has been added to this version, has made it impossible to add a delivery agreement to a parameter group, or to accept a calculated group into a delivery agreement, where documents exist for the delivery agreement in question.

This issue has now been resolved.

# Release Notes Summary

## PipeChain 4.9.6



### **MACOM – WebShopProductInformation in ProductDefinition transaction does not always work.**

The WebShopProductInformation did not work if the main category not had the same name as the catalogue. This is now fixed.

### **Analyzer: SQL for Analyzer Poll (inventory) was reengineered**

The SQL for reading inventory data from the PipeChain database was complex and contained existence-checks for reception quantities. These are necessary to compute outflow.

This solution - although computationally correct - proved to be extremely time-consuming if the PipeChain database and the Analyzer database resided on different physical servers.

This construction was abandoned, instead outflow is computed for each bucket (without accessing the database for each bucket).

### **Analyzer: Weekly dashboard data was not displayed for weeks containing data from too few days**

For several of the dashboard's inventory indicators, you can choose showing "all data" or "active data only".

Data is considered "inactive" if the product has no outflow at all. It is often unwise to mix this data with the "active" data.

The logic for determining if a week was "active" used to be "the week contains at least 3 active days", and did not check if the week contained complete day data.

This was the cause of the problem.

The logic was changed to "at least half of the found days are active", which means that week data is displayed even if it contains one single day - and that day is "active".

### **Action on installation**

The Dashboard shows data from the KPI tables, which are updated with daily increments.

However, the KPI tables can be emptied and then updated from the screen "Business Detail". This operation will cause the "active" flags to be recomputed for all weeks.

### **The Flow Models transaction does not work if the same customer has agreement with several suppliers in same business.**

The Flow Models transaction (CS21) is now handled properly. If there are several sites the site identification is handled by matching the customer product id with the delivery agreement. Thereby the customer can be unaware of which site is delivering and just send in all inventories and demands in one file.



# Release Notes Summary

## PipeChain 4.9.6



### **WebEDI: Gross Demand screen changes for continous outflow (2)**

The continous outflow types (Sales Forecast, Production Plan Daily and Flow Meter) did not have their demands displayed in a continous manner, instead, only demand on the actually flow period dates were displayed. Also, the very last day of the period had its demand missing. These issues have been adressed.

Also, a number of changes have been made that make the screen to better correspond to the java client screen. The screen now only uses ISO-weeks, the demands are compiled from the actual search dates instead of beginning of week/month when week/month timebucket where selected.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 19

Release Date: 2015-05-11

#### **WebEDI Product Specification Files: File name of attachment document mapped as document name**

Product Specification File normally looks for files with name containing the Product Id specified in the Delivery Agreement. This new alternative functionality means that the screen instead looks for a file name that is equal to Delivery Agreements Document Name where Document Type = "Attachment External File", 50. (I.e. Document Name = "test.pdf". One can have several documents per product, which will result in one line per file found document, just like before.

The file must of course be available on the designated attachment root (Selected Property 1061), otherwise the product is listed as before - without any files and links.

The function is activated by setting the Selected Property 1065 to "true"; [1065] File name of attachment document mapped as document name. Valid: true, false.

#### **It's now allowed to update an order in status Partially Received with PW40**

It's now allowed to update an order in status Partially Received with PW40. Previously it wasn't allowed just because of the status on the order head. If a received order line is sent in an order the received line is just not updated and therefore also not sent in any outgoing transaction either. No error message is put in the message log in this case either.

#### **WebEDI: Purchase Forecast Period cannot aggregate products with unit conversion**

Due to a bug, products with unit conversion information cannot be aggregated as normal when "All sites" is selected, regardless if the unit conversion is set to "no conversion". This issue has now been resolved.

#### **Setting of first shipment time and last shipment time at confirmation**

First shipment time and last shipment time is now set to confirmed shipment time at order confirmation. Previously they were set to the current time of confirmation (the point in time the order line was confirmed, not the shipment time the supplier stated in the confirmation). The value will always be overwritten at despatch, but if the order line is finished without shipment the time of confirmation will remain in these fields.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 20

Release Date: 2015-05-19

#### **Analyzer: Error in computation of "Real Outflow"**

An error in Reception Registration handling caused "Real Outflow" to occur for more days than the actual reception day.

The error only affects outbound deliveries, and was introduced in 4.9.6 SP18.

#### **CS80 Invoice transaction: Notification mail failure stops transaction if the order line invoiced is finished**

Due to a bug, the notification mail will fail the transaction of the Invoicing is done on a finished order line.

This issue has now been remedied.

### PipeChain 4.9.6 21

Release Date: 2015-05-21

#### **Analyzer: Another error in computation of "Real Outflow"**

A correction in "Real Outflow" handling in 4.9.6 SP20 was not correct.

The error causing "Real Outflow" computation error was removed, but another (less crucial) error was introduced. This error is now also removed.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 22

Release Date: 2015-06-26

#### **PipeChain Client: Clear button in most filter dialogs**

Most filter dialogs now have a 'Clear' button, by which you can clear the dialog's settings before setting a new filter.

#### **WebClient: Text popup dialog error in Chrome and FireFox**

Some fields, displaying potentially long texts, have a button, by which the text can be displayed in a popup. In some browsers, the popup didn't wrap the text when it was longer than the width of the popup. That problem is now fixed for Chrome and FireFox.

#### **WebShop: Demand quantity is shown in webshop screens for finished orders**

The demand quantity is now shown when looking at the finished order and when looking at the order line detail.

#### **Action on installation**

Please note that the WebcustFinishedInDeliv.jsp is changed.

#### **Automatic generation of forecast transaction CS50 corrected**

There was a problem in the automatic generation of forecast transaction CS50. CS50 contains all outbound delivery suggestions, grouped by customer. The error has now been corrected.

#### **Invoice related data lost when reopening order**

Some data related to invoicing was not restored when an order was reopened. This affected the invoicePrice, invoiceDate, invoicedQty, invoicedPercentage and InvoiceStatus on orderline, which was instead set to default values for a newly created orderline. This led to the reopen order never being finished automatically since it registered as "Not invoiced", and ultimately, data was lost.

This issue has now been resolved.

#### **Modifications of background jobs are logged**

All modifications of parameters to background job including enable and disable are now logged. The text id 120138 is used if you want to set up a notification.

# Release Notes Summary

## PipeChain 4.9.6



### **Zero All Demand functions in Gross Requirement (CS21) now works without BusinessId/Siteld**

The Zero All Demand functions in Gross Requirement (CS21) compare the content in the transaction with the content in the database (within the context of identities supplied in the database). The function now works without BusinessId/Siteld in the transaction. It now uses the business id from the customer referred to in the transaction when the transaction comes from a customer, and it uses the site id from the channel when the transaction comes from a site and there is no site in the transaction.

### **Analyzer: Screen "Delivery Precision Report" shows wrong data in one case**

The error only concerns the performance indicator "Confirmed vs Delivered - Time", when the supplier is responsible until reception (as opposed to until shipment) AND the Selected Property 8040 "Delivery Precision: use 'First Confirmed'(false) or 'Last Confirmed'(true) in Web Dashboard." is set to "false".

In this case, shipment data is presented in stead of reception data.

### **WebEDI: Product Specification Screen; document date**

A sortable column containing document creation date has been added to the "Product Specification" screen. This is the date when the document was uploaded to the server.

### **DeliverySchedules CS38 transaction without split level creates multiple notifications in mail**

Due to a bug, if the CS38 DeliverySchedules transaction splitlevel is not set (ie not set to "DeliverySchedule") the notification mail to suppliers mail could contain notifications about new forecasts and orders not intended for that supplier.

This issue has been remedied.

### **WebEDI: Delivery Agreement Notification mail link to Document files**

In the Delivery Agreement Notification mail ("Product Information Update Notification") there is now a link on the "document id". Clicking on the link directs the user to the Product Specification page with a predefined filter listing only the relevant product with the documents listed. (If the user is not previously logged in, the user is directed to a login page before reaching the Product specification page.)

In the Product Specification page the user can view all documents for the product, and click/right-click on the link to open/save the document related files.

# Release Notes Summary

## PipeChain 4.9.6



### **WebEDI: Finished Delivery Detail showed wrong Shipped Quantity**

In most cases the "Delivery Quantity" is equal to the "Shipped Quantity", but not always. The error was corrected.

### **PipeChain Client / Inbound Delivery Overview: Reposition at same location after Reception Registration**

After Reception Registration, the Inbound Delivery Overview screen tended to reposition at the top of the screen when the highlighted delivery was lost. It now repositions at the same location as the received row occupied.

### **Analyzer: Minor error in PipeChain Supply could cause a major error in PipeChain Analyzer**

An error in PipeChain Supply may cause two split finished deliveries to end up with identical keys - except for Reception Time.

This error is not yet identified, but it appears to affect Purchase Order Lines that are split at reception time.

This error could cause a much worse error in PipeChain Analyzer, the two splits could update an existing delivery in the Analyzer twice in the same database transaction.

This is illegal, and the saving of deliveries for the affected site would fail until the key error was resolved in the PipeChain Supply database.

Now, PipeChain Analyzer has been made robust for this particular case, by viewing it as an "insert" instead of as an "update".

## **PipeChain 4.9.6 23**

Release Date: 2015-06-30

### **File name tracking on transaction detail**

The server, path and file name is now saved in transaction detail. You find the information with labels Info 1, Info 2 and Info 3 in the tab for additional information.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 24

Release Date: 2015-08-25

#### **WebEDI: Product Specification Screen; document date sortable both ways, improved performance**

"Document creation date" in "Product Specification" screen.column is now sortable in both directions. (Default sorting is ascending).

Eliminated a performance bottleneck, massively improving screen fetching speed for the user.

#### **WebEDI: Forecast Delivery Period Overview - first demand date changed behaviour**

The column "First Demand Date" in the Forecast Delivery Period Overview screen has been the date of first existing demand, even if that demand has been cancelled, i.e. Demand Quantity is 0. This has been deemed missrepresentative.

Changed behaviour so that First Demand Date shows the first actual demand, i.e. Demand Quantity > 0, within the search period.

#### **WebEDI: New screen All Inbound Deliveries**

The traditional Inbound Delivery screens shows either Active or Finished deliveries. This screen shows both.

#### **WEBEdi: Unicorn Menu no longer accessible from User Details**

Removed the possibility for the webuser to change his or her startpage to "Unicorn Menu". Unicorn is development project and not generally supported in 4.9.6.

#### **MACOM – Order logging for Transaction PW05 is corrected.**

If many orders are included in the same transaction, all are logged. Both order and dispatch are logged.

#### **Outbound VMI – FlowModel generation is corrected.**

Sometimes, the flow model did not create an ending record with zero quantity, now it does.

# Release Notes Summary

## PipeChain 4.9.6



### **PipeChain Client: Delivery Agreement warning colors corrected**

The counting of Delivery Agreement warnings/errors in the Supply Chain Overview screen didn't always match what was displayed in the Delivery Agreement screens.  
Problem is now corrected.

### **Analyzer: Forecast Accuracy report screens now allows data for multiple date offsets**

The report screens Inventory Report, Forecast Accuracy VMI and Forecast Accuracy Order now contains data for up to three offsets in the "table" panel.  
No changes were made to the "Totals" or "Graph" panels.  
This applies to the PipeChain client as well as the Web Supplier client and Web Customer client.

### **Conditional CS05 InboundOrderResponse sending from CS72 ProductionRequisitionResponse transaction**

Changed the logic in CS72 ProductionRequisitionResponse transaction from "Don't send InboundOrderResponse transaction (CS05) if operation='replace all' and supplier is of type production and the order is of type replenishment" to disregard the replace all-flag. I.e. new logic is "Don't send InboundOrderResponse (CS05) if supplier is of type production and order is of type replenishment".

This change also affects the Supplier InboundOrderResponse transaction (PW02)



# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 25

Release Date: 2015-09-01

#### **Show all decimals in orders message (PW01)**

If there were four decimals in the price, only three were shown. Now up to six decimals are shown in the orders message sent to the supplier (PW01).

#### **Update Currency on order head on sending and confirmation**

When an VMI-order is sent or confirmed the currency is now filled in on order head from the currency on the lines. The order line currency comes from delivery agreement price ranges. The update is done in the background even if the user not is allowed to change currency. The order is intended to have the same currency on all lines, the behaviour if there should be different currency on all lines is undefined.

#### **Supplier notification mail for Delivery Agreements, correction**

If you have the setup Sel Prop 1062 =variant (default) och 1063=business, and you're logged product change are void of variant information (ie you are not using variant in your product identifier) the background job will crash as the resulting SQL is unparseable.

This issue has now been remedied.

#### **Enhanced performance on processing big transactions**

Processing of big transactions has been enhanced so also these transactions can be fragmented.

#### **Downloading Drawings from order line.**

The workflow to download drawings related to an order line is complemented.

The drawings are copied to a node defined by a property.

The delivery agreement transaction can handle a reference to a drawing.

The purchase order transaction can handle a reference to a drawing.

The drawing can be downloaded from the delivery agreement , order line and finished order line detail screen.

The drawings are copied from the delivery agreement to the order line when the order is created on web.

#### **Action on installation**

Property 1061 has to be used, please consult PipeChain for transactions.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 26

Release Date: 2015-09-07

#### **Incorrect blanket order id was selected for suggestions**

Incorrect blanket order id was selected for suggestions. All suggestions get the same blanket order id regardless of shipment time.

#### **Analyzer: New report screen "Combined Report"**

This report screen is similar to inventory Report, but adds data for Delivery Precision and Forecast Accuracy Order.

It is currently the only report screen that contains Delivery Precision KPI data.

The screen is so far only available in the PipeChain Client (i.e. NOT in the Web Clients), and so far the report screen contains only a Service Level graph.

#### **MACom: Sales Report Transaction (CS54) did not update Own Buckets correctly**

If the product has one or more Delivery Agreements, the data (Real Outflow and d:o Date) must also be updated in the Supplier Partial Tank.

If there is more than one supplier, Real Outflow is divided according to Replenishment Share.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 27

Release Date: 2015-09-25

#### **Send CS05 InboundOrderResponse transaction when Despatch Advice changes the order line**

New functionality making it possible to opt for a CS05 transaction to be sent out before the CS48 transaction if any changes is made at shipment, i.e change of shipping or reception date, as well as total quantity on the orderline. This is regardless of shipping by the PW03 InboundDespatchAdvice transaction or by shipping through the web portal.

This new functionality is activated with the new selected property 77, "Send CS05 Inbound Order Response before sending CS48 Despatch advice, if Despatch changes order line. Default: false".

If the Selected Property 67 is set to 'change', only the order lines that has been changed in the despatch advice will be sent. Otherwise, all orderlines in the order will included in the CS05.

#### **Keep receipt time on shipping with new shipment time**

It's now possible to keep the receipt time even if the order line wasn't shipped exactly on time. With the new setting in selected property 126 set to true the receipt time is not changed as long as the new shipment time is before the confirmed receipt time.

These two rules affect the shipping and setting of times:

Let Despatch Advice calculate reception time (if missing). Overrides 126 if set to true. Valid values in Setting: true, false. Default: true

Let Despatch Advice keep reception time even if shipment time is changed. N/A if 119=true. Valid values in Setting: true, false. Default: true

Also the status is now kept in Confirmed if order response is not expected after changing an order line.

#### **Analyzer: Analyzer Poll computes Forecast Accuracy Order erroneously if the supplier splits order lines**

If a supplier splits order lines, the original Demand Quantity remains on the original line and the remaining Demand Quantity is set on the new line.

Since Forecast Accuracy Order sums Demand Quantity per Site x Partner X Product X Time Bucket, such splits result in too high "Real Demand", and Forecast Accuracies will be affected accordingly.

If Selected Property 54 "Keep Demand Quantity on Split" is set to "false" (default "true"), the above problem does not occur. However, this is NOT a remedy because it affects Delivery Precision (Demand) and Demand Fulfillment.

Instead, the error was corrected by avoiding split lines when computing the "Real Demand" into PipeChain Analyzer.

# Release Notes Summary

## PipeChain 4.9.6



### **WebEDI: HMTL table i order information report printout correction**

A bug in the escape sequence where the characters '&' occurring between tags was not handled in the report printout HTML conversion, causing the conversion to fail.

This issue has now been addressed.

### **WebEDI: Forecast History screen expanded functionality**

The Forecast History screen has been expanded with several columns, proper column names, edit view-functionality, and Excel export.

### **Analyzer: Changes to function "Undo Delivery Precision Error"**

The function is available in the Inbound Delivery Overview and Finished Inbound Delivery Overview screens, and is used if the system has recorded a Delivery Precision error but the supplier was actually not at fault (for whatever reason).

The function works in two steps, an analysis that confirms the error and an undo-operation where "confirmed" data is set equal to "actual" data.

The change concerns the "confirm error" step.

Previously, the situation in the PipeChain Analyzer database was analyzed, now the situation in the PipeChain database is analyzed - provided that a "Changed"-flag is set, i.e. the data will be copied to PipeChain Analyzer at next Analyzer Poll.

This corrects the perceived problem that an erroneous delivery can be "undone" several times, each time reporting that an error was found.

Another case that is handled better is: if a delivery is changed (becoming incorrect) in PipeChain Supply AFTER it has already been saved to PipeChain Analyzer.

### **BG Job Check Consisten fails with "Internal error: Tried to initialize this BOWorkDays twice"**

Problem was caused by an interlal initiation problem, and is now fixed.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 28

Release Date: 2015-10-01

#### Order line formatting without zeroes

When order lines are created in PipeChain for VMI orders it's now possible to choose if the line id should be zero padded or just a number. Zero padded numbers are easier to sort while it is not correct when sending VMI orders to suppliers in EDIFACT ORDERS because the line number should be numeric in ORDERS and also when the order response comes back the zeroes might have been removed on the supplier side.

To get just a line number without leading zeroes you must set selected property 28 to false.

[28] To define whether the order line identities created by PipeChain should be zero padded. Default is true.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 29

Release Date: 2015-10-22

#### **Supply: Error when no Delivery Agreement Param Group exists**

The error was introduced in version 4.9.6 SP 18.

If no Delivery Agreement Param Group exists, the Delivery Agreement Param Group screen cannot be displayed due to a null-exception. Then a ParamGroup cannot be created, so it is difficult to get around the error.

#### **WebEDI: Forecast History screen multisite and multibiznode**

The Forecast History screen have now been multibiz-noded. Also corrected aggregation errors when in multisite mode. Biznode data are only shown on rows in multibizmode.

Please note that due to performance reasons, a maximum of 1000 rows can be selected. The user is notified thereof via a displayed text on the end of the table, if the limit is exceeded. Therefore, data might be missing from the screen when processing large amounts without use of search and filters.

#### **WebEDI: Missing columns in Outbound Delivery Screen**

VMI -related columns of InventoryGraph, Duration and Computed Qty got lost in conjunction with development made in 4.9.6. These columns have now been restored.

#### **Cleanup nightjobs loop prevented**

In some rare situations, the cleanup night jobs could get stuck in an eternal loop. That problem is now fixed.

#### **Customer Outflow Overview screen now shows 26 weeks weekly customer Flow Model**

The Customer Outflow Overview screen now displays the customer's Flow Model (customer's planned consumption) for the coming 26 weeks in weekly time buckets. The column "total delivery quantity" has been removed and Customer Balance and Virtual Customer Balance have been added instead. The screen can be considered a report to give an overview of customer gross requirements.

# Release Notes Summary

## PipeChain 4.9.6



### **WebEDI: Link from Despatch to Order that has been deleted positions on wrong order.**

When trying to position itself on an order that has been removed (as per a reference from a despatch/invoice row) the Finished Outbound order screen miss-positions itself on the next order found.

This issue has now been corrected; The screen now behaves as it should (and the ordinary Outbound order screen already does), by displaying the message "No items found, showing empty screen.", and then displaying an empty screen.

Also corrected an error that could happen when trying to position on a removed order.

### **WebEDI: New columns in All Outbound Deliveries Screen**

The columns of InventoryGraph, Duration, Computed Qty's, Deviation and DeviationCode have been added to the All Outbound Deliveries Screen.

### **Despatch not created from PW03 InboundDespatchAdvice transaction, CS48 InboundDespatchAdvice**

Corrected bug from old ASN behaviour where deliveryRowNo was mandatory in PW03 InboundDespatchAdvice transaction for a Despatch to be created. If the despatch is not created, no CS48 InboundDespatchAdvice is sent from PW03.

### **Net Shipping Demand screen Multisited**

The WebEDI screen Net Shipping Demand has been multisite-enabled. Also improved clarity of the search conditions.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 30

Release Date: 2015-10-27

#### **POC: Double order lines after split**

If an orderline is split (during confirmation), the new line will often be displayed twice. The error was corrected.

#### **Analyzer: Repetitive Transaction Conflicts in the LogFile**

When the Analyzer Poll background job saves inventory data snapshots, "Real Outflow" is computed. Normally, this is written back to the products/buckets in the Supply database.

If a Transaction Conflict occurred during this writeback (because someone else happened to write to the same bucket at the same time), the code did not recover correctly from this, and the writeback would fail due to Transaction Conflict 100 times before giving up.

The error may cause some inventory data snapshots to be missing from the Analyzer.  
The error was corrected.



# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 31

Release Date: 2015-11-02

#### **Incorrect delivery status after cancel of gods reception**

The delivery status was incorrect after cancel of gods reception. This was the case when the reception registration was done on a delivery with status Suggestion. When cancelling the gods reception for this delivery then should the status be changed back to status suggestion again. But that was not the case. The state was just backed to "Confirmed". This error is now corrected.

#### **Analyzer: Analyzer Poll computes Delivery Precision erroneously if the Site's timezone differs from the server timezone**

The differences between demand/confirmed/actual timestamps (part of the Delivery Precision KPI) are handled in the local time zone.

The following time-logic was performed partly with "local" rather than "server" calendar, which could yield an erroneous result.

The error was corrected.

#### **Analyzer: If a delivery was backed from "finished" and the finished again, two records were saved in PipeChain Analyzer**

2015-06-24, an effort was made to avoid a very crucial error - when Analyzer Poll was saving deliveries it could fail with a "Transaction Conflict" if two deliveries (erroneously) had identical keys except for Reception time. This situation would remain until someone corrected one of the offending deliveries in the PipeChain database. Thus the code was changed to view this at two separate records, which would not cause any "transacion Conflict". However, this effort created a new problem; If a delivery was backed from "finished" and then finished again (a rare but legal use case), two records were saved in PipeChain Analyzer.

The error was corrected by removing the above change. It was replaced by a new check in the PipeChain Supply "finish delivery operation"; if there already is a finished delivery with identical keys except for Reception time, the operation fails with an error message and a stack dump.

This will ensure that Analyzer Poll will not encounter the problem. The situation should not occur from any legal use case. Note that backing a delivery and then finishing it again will NOT cause any error message.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 32

Release Date: 2015-11-30

#### **WebEDI: Forecast History screen and Forecast Delivery Period equalized**

Made the layout and formatting of Forecast History and Forecast Delivery Period exactly the same. Site info is never rendered in html, Supplier is rendered only if all suppliers are rendered. This is made to save screen estate, as the information is readily available in the site and supplier selectords. In Excel, supplier and site is always rendered by customer request.

Also removed the 00:00 in First Demand Date when Time Bucket type = "Day" for all forecast screens, as this column never has a time stamp.

#### **Confirmation Transaction (PW02) could generate empty Deviation emails**

For an integrated supplier, deviation emails may always appear, even when no deviation is present. These look strangely empty, with no lines and an empty Confirmation Information field.

The error was corrected.

#### **Delivery Agreement Change Notification Mail Adjustments**

1. New delivery agreements are included in in the notification mail. New Agreements come sorted before any Changed Agreements. To activate this behaviour, please set up the Selected Property 361 "Send Delivery Agreement Change mail that includes all (inbound) new DAG since last time the background program Notification Mail Sender was executed. Default false" to "true".
2. "Document added" is nw highlightend with yellow color, as for price when price is changed.
3. Corrected that new price presented in notification is missing decimals, and increased number of decimals span for both new and old price from 0-2 to 2-4.
4. Added the optional possibility to include an installation specific text to be included in the notification, in "DAGHeader.xml". The text is be added after the text Sent From .... and before Notification for: ....)
5. Solved an issue where only the first , instead of the latest, change for a delivery agreement was included in the mail.
6. Solved an issue when the background job responsible for sending the notificanmail was set up in bussiness mode level; Only partners with agreement for the site selected to run the background jobb did create the notification mail.

#### **BGJob Consistency Check: Failed due to error initializing BOWorkDays**

Problem solved by exluding BOWorkDays from the BO-Cache.

# Release Notes Summary

## PipeChain 4.9.6



### **WebEDI: Forecast History screen keeps user selected forecast date**

The Forecast History screen now keeps the user selected forecast date when switching site and supplier. If the forecast date does not exist in the actual forecast history, the date will be shown with post comment "(not found)". Of course, no data will be displayed, only the text "No history data found". The last forecast available will be shown with ("current") as post comment.

### **POC: Web Supplier's Overview - Orders to Confirm**

The counter for Orders to Confirm now also includes orders with status 'Sent to Order System'.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 33

Release Date: 2016-01-04

#### **Product Forecast History Detail shows history from all sites**

Sitefilter had mistakenly been disabled for this screen in SP17, leading to data for all sites being shown, despite the screen is not multisite-enabled.

#### **Next Delivery's Resulting Duration was not computed as expected**

In some cases, Own stock's future Duration was indicated wrong after outbound shipments was made. Before this change, Next Delivery's INITIAL Duration was computed as "duration until shortage", but Next Delivery's RESULTING Duration was computed as "duration until zero balance". This could lead to confusing results when the quantity of an outbound delivery exactly matched the available balance.

The algorithm was changed so that both Initial and Resulting Duration computes "duration until shortage".

#### **Web start client: The error handling on inactivity handling is improved**

When the PipeChain client - started via Java Web Start - experiences an inactivity timeout, the user has previously been forced to dismiss a number of not very informative error messages. Now a single informative message is displayed, and then the user is immediately presented with the login dialog.

#### **WebEDI: Product Specification Screen; removed time part from Creation Time column**

"Document creation date" in "Product Specification" screen per specification now only shows date, and no time. Renamed the Column from "Creation Time" to "Creation Date".

#### **Automatic Receipt is corrected.**

If several suppliers are delivering the same product to a customer or a customer is supplying several customers with the same product, the correct order line is selected to make automatic receipt.

#### **Product definition transaction improved.**

Product definition, CS08, will not signal error when trying to removing a catalog reference that does not exist.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 34

Release Date: 2016-01-15

#### **New value for Generate Notification Mail, property 305.**

New value for Generate Notification Mail, property 305.

Property 305 is used to notify a supplier if a new or changed order is sent from customer to the supplier. Previously the setting was limited to 'True' and 'False', which means that if it was set to 'True' the supplier was notified if a new order was sent to supplier or an existing was updated. This functionality does still remain but a new value 'Change' is added.

If the value is set to 'Change' the supplier is only notified if the order is changed, not if it is a new one (CS40). If the order is a part of a forecast, the supplier is notified if the forecast is updated, but it is not checked if the contents of the order in the forecast is updated (CS38).

#### **Transaction History Cleanup improved.**

The existing se.masystem.macom.historydays is now set up to control how many days transaction will be saved.

It is now possible to set up an optional value for the number of days that the transactions CS08, CS10, CS15, CS04 and CS21 will be saved. The property keyword is called se.masystem.macom.historydays\_short. The value of se.masystem.macom.historydays is used if the number of days, for the new keyword, are fewer or if it does not exist.

Example;

```
# -----  
# history days for CS08, CS10, CS15, CS04 and CS21  
# -----  
se.masystem.macom.historydays_short = 3
```

#### **Action on installation**

Set up se.masystem.macom.historydays\_short if the functionality is wanted.

#### **Transaction overview, in Java Client, is complemented with new search options.**

The transaction overview screen is complemented with a possibility to key in several types in the Transaction Type field.

If the user keys in a number of types, as example CS01, CS04, CS48, all transaction with these types will be selected.

#### **Forecast Delivery Period Week & Month cosmetical errors**

1) in Week mode, sometimes an extra week, void of quantites, is added after the proper end week according to the search dates.

2) in Month mode, if no date with quantity is found, the "First Demand Date" column shows "\*\*\*\*Error\*\*\*\*" instead of beeing left blank.

Both these issues has been resolved.

# Release Notes Summary

## PipeChain 4.9.6



### **Customer Definition screens for Owens & Minor.**

Added a ScrCustDef screen and a ScrCustProdDef screen to allow editing information of customer and their products of an agreement.

Added unit of measure to outbound delivery agreements.

See attached documents for further details.

### **Action on installation**

Add the CustDef and CustProdDef tables to the DB.

### **Sometimes, Order lines of type Replenishment did not get Replenishment Order keys copied to Purchase order Keys**

This applies to inbound Delivery Suggestion Generation.

Suggestions within the Confirmation Horizon would get the keys copied if Delivery Confirmation Strategy was "Automatic Confirmation", but not in other automatic cases.

The manual cases (Create Order and Add To Order) did not have this error.

### **Check of catalog and category name in the products catalog is improved.**

Some special characters as ' < > & is causing problem when displaying on the web.

They are not allowed in category or catalog name.

### **Duration calculation did not use the Shortage value**

The algorithm started with "Balance" instead of "Balance - Shortage".

### **The "Unit" attribute was not correctly displayed in Screen Own Bucket, tab Customer Buckets**

When the screen was entered, the "Unit" column was empty.

When a row was selected, the text appeared.

### **Customer Purchase order by transaction improved.**

Confirmed lines for orders that are partially shipped can now be handled by Customer Purchase order transaction PW40.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 35

Release Date: 2016-01-20

#### **Production order optimization with auto increase improved**

Existing logic for auto increase is only looking at the resulting duration of the suggestion have proven to leave out products that have an efficient resulting duration, but an initial duration that would warrant action. The logic has been rewritten to include those suggestion with low initial duration.

#### **Erroneous outbound deliveries could show up in the Inventory Chart**

In the tab "In & Out Deliveries" some outbound deliveries could show up although they did not correspond to the selected Product/Bucket.

The error occurred if some outbound Delivery Agreement had "Product Supersession" definitions, and was caused by an erroneous SQL which was corrected.

The correct function is to show

- inbound and outbound deliveries using the Own Bucket keys (Site, Product Id and Product Variant)
- outbound deliveries where customer's product keys match via Product Supersession

#### **Forecast Delivery Period screen - changed behaviour of week and month timebucket**

Forecast Delivery Period - changed behaviour of week and month timebucket so that when week is selected, you always include all the demands for the entire week. The same behaviour goes for month. Previously, only the demands within the actual dates in the search parameters were included.

#### **Possibility to see Shortage as part of "Customer Demand Plan Backlog" History.**

It is now possible to see the historical sum of a customer's Shortage and Forecast backlog in the History tab in the Inventory Chart. "Customer Demand Plan Backlog" will get this behaviour if Selected Property 1072 is set to true.

#### **ExcludeFromReports added to DeliveryAgreements and FlowModels, DeliveryAgreementData part and PartnerAgreements**

The attribute ExcludeFromReports for delivery agreement is added to the following transactions:

DeliveryAgreements CS10

FlowModels, DeliveryAgreementData part CS21

PartnerAgreements CS44

# Release Notes Summary

## PipeChain 4.9.6



### **No delivery suggestion was generated when having a high shortage quantity**

No delivery suggestion was generated from automatic delivery when having a higher shortage quantity than a "normal" delivery quantity. A suggestion that covers the shortage was created but not all suggestion that should follow was not created as it should. This error is now corrected.

### **PurchaseOrder transaction from customer does not not always work properly.**

Outbound PurchaseOrder transaction PW40 from customer is corrected.  
A missing Supplier node below OrderHead does not result in an error.

## **PipeChain 4.9.6 36**

Release Date: 2016-02-02

### **EDI-related eventmails sent indiscriminately to event subscribers**

The logging of EDI transaction events and errors often miss information about which Site or Business the error was logged into the loggbok. This will have the result that an error that really would only concern the users or admins for a specific Site or Business, will be sent to everybody that subscribes to those events. Although no information is actually lost, flooding the user/admin with errors not concerning him will make it harder to find the relevant events and errors to react to.

The issue of logging the correct business id has now been solved. The issue logging of the correct site has been solved for some transactions, and the process of resolving this for all transactions is ongoing.

### **Calculate reception time in realtime when creating a Despatch**

You can set up the Create Despatch screen so that the Reception time calculated from Shipment time and the Lead time from the product at the first order line. (To be precise: Products Lead time at the time the order was created). However, this calculation will only occur when despatching, giving no feedback to the user before the despatch has been created.

Additional functionality has now been provided to the Create Despatch screen so that Reception time is calculated by the above formula whenever the Shipment time, or the rows to despatch, is changed. It requires that both Shipment and Reception time are open (editable) in the screen.



# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 37

Release Date: 2016-02-18

#### **Absent email address could cause unnecessary "Failed to Send Notification" messages**

Could occur for outbound Order Response (CS02) when a new order line was created (feature "Create Order line if Missing").

#### **Update of scheduled shipment time in loadplanner.**

The scheduled shipment time can now be set to a day and time after the drop point. The shipment time is assumed to be the week before.

#### **Mark of many shipments loadplanner in shipment detail.**

Four new commands for marking many lines in shipment detail is introduced to handle the mark of many lines at the same time;

Mark all lines

Mark line and above

Mark line and below

Un-makr all lines

#### **Initial/Resulting Duration showed error color although no delivery existed**

Occurred in Own/Customer Bucket Duration Meters.

Color coding is now applied to Initial/Resulting Duration when deliveries exist.

#### **Transcaction Overview and Detail is complemented with direction.**

The direction is can be either in or out, for a few types it is both.

The column is sortable and searchable. Default is in and out. If the user search for in, transactions that are in and in/out are selected. If the user search for out, transactions that are out and in/out are selected.

# Release Notes Summary

## PipeChain 4.9.6



### **Added missing columns in outbound delivery related views.**

Added "Received quantity" and "Not yet received quantity" columns in the Outbound Delivery Overview, Outbound Order Detail, Shipment Detail, Own Bucket detail and Customer Detail.

Added "Purchase Order" column in Shipment Overview, that describes the purchase order id span of the given shipment. If there is only one purchase order id, it will be that purchase order id, else it will be written as "<Minimum Purchase Order Id>/.../<Maximum Purchase Order Id>", to describe that it contain at least the minimum purchase order id and the maximum purchase order id in said span.

### **Addition test in InboundOrderResponses.**

The InboundOrderResponses, PW02, is complemented with a test that a splitted line has to have the same product as the origin line.

### **PipeChain Client: Problem with Save dialog when running under remote desktop (e.g. Citrix)**

Solved problems occuring when opening the Save file dialog when the PipeChain client is run via remote desktop (like Citrix).

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 38

Release Date: 2016-02-26

#### **Combined Reports for supplier and customer is improved.**

The field SL is now presented with 2 decimals.

The fields DP(D), DP(FC), DP(LC), DF, Red, Yellow, Green, Blue and Empty are now presented with 1 decimal.

#### **Transaction MP03 not logged**

There was a bug in the logging of MP03 Remindermail where you connect the transaction to the order for logging purposes. This could cause the Remindermail transaction to not show up in the orders transaction logging screen.

This issue has now been resolved.

#### **PipeChain client: The warning "Failed to locate requested record" removed when less relevant.**

The warning "Failed to locate requested record" will no longer appear when you go to a screen via a menu selection, or the Back/Forward buttons.

#### **Changes to Available Balance and Relative Availability**

Several changes were made to all screens that display Outbound Deliveries with Available Balance and Relative Availability:

- no data is displayed for deliveries which are already balance adjusted (according to Strategy for Adjusting Balances due to Deliveries, which is configured in the Own Site screen)
- previously, deliveries of the same product with the same shipment time would assume the same "starting point balance". Now they are computed individually, using the full Shipment Time sort order (Shipment Time - Customer Id - Customer Address Id)
- the caption for "Avl Excl Sugg" and "Rel Avl Excl Sugg" were changed to "Avl Bal" and "Rel Avl Bal", to reflect that these are the recommended values to work with. "Avl Incl Sugg" and "Rel Avl Incl Sugg" are unchanged.

# Release Notes Summary

## PipeChain 4.9.6



### **Error 'Partner Agreement not found' when inserting a new Partner Agreement**

Under certain circumstances, you would get the error 'Partner Agreement not found' when inserting a new Partner Agreement. Circumstances included:

1. It was the re-insertion of a Partner Agreement that had existed before, but had been deleted.
2. 'Partner Agreement Specific' Process Configuration was selected.

The problem is now solved.

### **Automatic recalculation of delivery suggestions can be omitted.**

If an outbound delivery is updated, the automatic recalculation of delivery suggestions is omitted if property AUTO\_RECALC\_DELIVSUGG, 9005, is set to false. Default is true.

### **PipeChain Client: "Input Error - Cannot interpret '-nn' as an integer number" appears when changing screen, or selecting a saved view.**

A dialog, displaying the error text "Input Error - Cannot interpret '-nn' as an integer number". appeared, under certain circumstances, when changing screen or selecting a saved view. The problem only occurred for saved views with hidden columns, and is now solved.

### **Deviation Emails were not sent**

An error was introduced for Inbound Order Response Deviation emails, when another error was corrected for Outbound Order Response Deviation emails in version 4.9.6 SP37. The error was corrected.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 39

Release Date: 2016-03-21

#### **Changes in functionality for calculating reception time in realtime when creating a Despatch**

Corrected buggy behaviour where first delivery's RT was visibly adjusted as well as the Despatch when screen loaded.

Also corrected an javascript error making the functionality for calculating reception time in realtime not to work at all in Internet Explorer (all versions).

#### **KPI table update sometimes fails**

Occurred mostly during the manual operation "Update KPI tables" (KPI = Key Performance Indicator from PipeChain Analyzer, e.g. Stock Level or Delivery Precision).

The operation would display an error message, with the following line appearing in the details:

Caused by: KPI table update for site '...' was not successful: Unexpected end of data at hasNext().

When this happened, some data would be missing when looking at the KPI table in Management Dashboard or report screens.

The error was corrected.

### PipeChain 4.9.6 40

Release Date: 2016-03-23

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 41

Release Date: 2016-04-22

#### **Customer Name could not always be used as filter attribute in the Dashboard**

The dashviews for Stock Units, Stock Days and Stock Value did not handle the Customer Name filter attribute correctly.

#### **Warning colour was not applied correctly to Shipment Time**

The error occurred only when "Expect Despatch Advice" is used.

#### **Forecast History not showing any data in week mode for US users**

There was an error in the Forecast History screen that made the Week mode for US users (where the week starts on Sunday) to be void of quantities. This issue has now been resolved.

Also resolved the same issue in screens Net Dmd and Product Forecast History.

#### **Forecast History Week & Month cosmetic errors**

- 1) An extra day/week/month, void of quantities, could be added after the proper end period.
  - 2) In Month mode, if no date with quantity is found, the "First Demand Date" column shows "\*\*\*\*Error\*\*\*\*" instead of being left blank.
- Both these issues have been resolved.

#### **Slow loading of Report screens with large data**

After the report screen was displayed the first time, subsequent updates required far less time, even if more data was displayed.

The problem especially affected the Combined Report.

The problem has been handled in three ways:

- By default, the screen starts in week-mode instead of in day-mode. Normally, the week table contains less data. It is also common to start the analysis in week-mode.
- Instead of loading the graph when the screen is displayed the first time, the graph is loaded when it is displayed.
- A special check for the Combined Report (necessary because it was introduced as a Service Pack requiring a database change) was rewritten to take less time.

# Release Notes Summary

## PipeChain 4.9.6



### **Forecast History removed extra periods + fixed nullexception on overflow**

An extra period was always shown i day or week mode due to misscalculation. In any mode, additional extra periods could be added if there where 0-qty firm-forecast demand that was positioned out of the forecast-forecast demand range. Corrected both those problems. (Firm-forecasts demand are only considered if they are not 0.)

Also fixed a nullexception that occurs if your search result returns more than maximum of 1000 rows, and a minor bugg causing the return of maximum number of rows + 1.

### **Order office calendar**

If a user wants to have remainder mails in a different time frame (an office calendar) than what's described by the suppliers ordinary calendar (the shipping calendar), the user can now set a property value category 362, ""Name of an alternative calendar that should be used when sending remainder mails and marking severities.".

### **Action on installation**

To use the property 362 the user should create a new calendar in the Calendar view, create a new property value category 362 with the correct site and bizKey, and set the setting to the id of the previously created calendar.

### **LoadPlanner Shipment Overview: Error dialog appears when clicking on an empty shipment**

A message "Failed to Fetch" appeared unnecessarily and has been corrected. Everything else was normal.

The error was introduced in version 4.9.6 SP 37.

### **True percentages when exporting to Excel from PipeChain client**

Percentage are now exported as true percentages when exporting to MS Excel from the PipeChain (Java) client. This makes it possible to do calculations on them directly, without having to format the cells manually.

### **Maintain value of Inbound Order delivery count**

If a user selected an inbound order in the Inbound Order Overview (Java client only), the counter for red (R.AI.) and yellow (Y.AI.) alerts changed. This is now corrected.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 42

Release Date: 2016-04-25

#### **Forwarding agent and Waybill number can be updated after despatch.**

Forwarding agent and Waybill number can now be updated after the despatch has been "shipped". It is the same procedure as for updating shipment or reception time. Use the button "Update Despatch" in the Despatch Detail screen.

This means that if Selected Property 73 is set, all four attributes can be amended after shipment. The logic after an adjustment is executed by the setting itself (e.g. do nothing more or send a transaction with the amendment).

### PipeChain 4.9.6 43

Release Date: 2016-04-27

#### **Send delivery forecast to customer before sending despatch advise**

In some cases the customer expects a delivery forecast before having the deliveries so they can prepare in their ERP for the deliveries. In some cases the delivery forecast must be exactly as the despatch advise. Therefore it is now possible to always have the delivery forecast sent to the customer just before the despatch advise just to eliminate any discrepancy thereby preparing for a correct booking of the arrived goods.

To activate this feature a new selected property has been introduced: [79] Send PW38 Delivery Forecast with outbound partner agreement scope before sending PW48 Despatch Advise to the customer. Valid values in Setting: true, false. Default: false

#### **Action on installation**

If this should be used selected property [79] Send PW38 Delivery Forecast [...] should be set to true.



# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 44

Release Date: 2016-05-30

#### **Order Line sometimes appears twice after Despatch**

The error appeared if the system was configured to use "deviation code management" at confirmation but not at despatch.

If the orderline contained a deviation from confirmation (either a Deviation Code was added OR a confirmation deviation limit was violated), this was not noticed at the despatch, and if a despatch deviation limit was violated, a second deviation was created.

#### **Action on installation**

If you have noticed that despatched Order Lines sometimes appear twice, please contact PipeChain support.

#### **Delivery Agreement Notification; error message correction and improvement**

Removed unwanted error message in log that showed an error to check for price changes, for the completely normal case of no price changes was made and thus not logged in the first place.

Also improved error messages around the board for unexpected errors when generating DAG Notification mail.

#### **Error when calculating time for next data exchange corrected**

Sometimes calculation of next time for data exchange to get deliveries ended up in null pointer exception. This will after this correction not happen. Also a missing error message was reimplemented.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 45

Release Date: 2016-06-15

#### **Allowed to change prices for a confirmed Replenishment Order**

It is possible to change Demand Price and Confirmed Price for order lines in screen Inbound Order Detail, on conditions

- it is a Replenishment order
- it is in status Confirmed
- user has at least Configuring privileges

This use case does not trigger any transaction, but it generates an information message (id=110212).

#### **PipeChain client - Filter improvements**

The PipeChain filter panel has open input fields for Supplier, Product and Customer. There's been a change in how an entered value is interpreted.

If the user had typed 'ABC' in a field, the old rule searched for rows that STARTED WITH 'ABC'. The new rule searches CONTAINS 'ABC'.

To accomplish STARTS WITH or ENDS WITH, you can use the percent character (%) as a wildcard, i.e. 'ABC%' for STARTS WITH and '%ABC' for ENDS WITH.

#### **Possible to activate SSL for mail Receiver (POP3)**

Now it's possible to activate SSL for Mail Receiver (POP3). This is done by setting mail receiver to port number 995. This is done to support Outlook Office 365.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 46

Release Date: 2016-06-22

#### **Smart II\_Add the ability to sort on some columns (Inbound Delivery screens)**

Added sorting for product name in Inbound Delivery Suggestion Overview and Inbound Delivery Overview in the Java client.

Added product description column in Inbound Delivery Suggestion Overview, Inbound Delivery Overview, Inbound Delivery Suggestion Detail, Inbound Delivery Detail, Finished Inbound Delivery Overview, Finished Inbound Delivery Detail, Supplier's Inbound Deliveries and Inbound Order Detail's Order Lines and Finished Lines in the Java client.

Added sorting to the product description column in Finished Inbound Delivery Overview, Inbound Delivery Suggestion Overview and Inbound Delivery Overview in the Java client.

#### **Added a duration column to the history screens.**

The history screens in PipeChain will now have an added duration column in the history data grids. The duration column's data is from the duration of when the forecast data was stored.

#### **Logging Background job sometimes created messages on wrong site.**

The site could sometimes be set to 1 even if that site did not exist.  
This is now corrected

#### **PipeChain client's Excel export in XLSX format**

When exporting to Excel, from the Java client, the file will now be in the XLSX format. Among other things, this format allows more columns.

#### **Change in use case "Undo Delivery Precision Error" that compensates for a historical error**

A historical error (corrected in version 4.9.6 SP 31) may cause a discrepancy in

- shipping dates saved to PipeChain Analyzer - indicating a Delivery Precision error
- Delivery Precision computation by PipeChain Analyzer - indicating no Delivery Precision error

#### **New feature in InventoryReport for Consignment Balance.**

InventoryReport (CS04) is complemented with possibility to update Consignment Balance for a customer product. A new operation ZeroAllConsignmentBalancesNotInThisInventoryReport will set the balance to 0 for those not included in the report.

# Release Notes Summary

## PipeChain 4.9.6



### **Reminder mails are sometimes sent too early depending on time zone.**

Example:

If the server is set up to be in Swedish time zone and the supplier has got a British time zone and the background job is set up to start 00:00, the British supplier will get the reminder mails one day too early than setup. This is now corrected.

### **Allow select of mail protocol.**

In the client in the channel detailed view of a mail channel the user can now specify a custom mail protocol. A user or developer can now also override settings by injecting a properties file to solve sudden receive mail configuration problems without requiring an upgrade.

### **Added possibility to send suggestions from supplier to customer during normal data exchange**

Added possibility to send suggestions from supplier to customer during normal data exchange. If "Show delivery suggestion for next xxx workdays" is checked then a suggestion is sent from supplier. But only suggestions with receipt time before xxx work days are sent.

By default all suggestions with delivery status less or equal to "Sent" are included. But this can be changed by the new selected property [83] "Minimum status for included suggestions in a suggestion data exchange. Values 0 - 30 according to Delivery Status, value above 30 will block sending of suggestions. Default: 0 (All suggestions)".

### **New screen for own inflow**

A screen that shows own inflow has been implemented. The new screen shows both VMI and TOM demands, with search by time and grouping by site/supplier/product. Use the Supplier and Product filtering to narrow down the data you want.

Also note that it is the demand quantity and shipment/reception time that is used, which could very well be different from confirmed values, especially for TOM deliveries.

### **All data is shown at Outbound Order Detail when orderline is finished.**

Corrections are made to fetch all information to screen.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 47

Release Date: 2016-06-30

**Columns Order Date, Mode of Delivery and Mode of Delivery Code was displayed without data in screen "All Deliveries"**

Columns Order Date, Mode of Delivery and Mode of Delivery Code was displayed without data, this has now been corrected.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 48

Release Date: 2016-08-09

#### **New Property to handle Partner Product Supersession**

During Product Supersession, it has been allowed to key in a new product not yet configured as own bucket. A new property for Partner Product Supersession called CHECK\_PPC\_PRODID, no 128, can be used to prevent this behaviour. If it is in use, the PPS Prod Id has first to be defined as Own Product to be set. Default is "false". Set selected property 128 to "true" if you want the check to be made.

#### **Action on installation**

Nothing needed. "False" (old behavior) is default.

#### **Inbound VMI: CS21 Transaction Enhanced With Zero Balances Not In This Inventory Report**

The CS21 transaction reader has been enhanced with the possibility to zero all the balances of the products for flow models not in the inventory report.

In addition to the flow model, the following must be defined in the CS21:

<FlowModelOperation Operation="ZeroAllFlowModelsNotInThisPlan"/> and <ProductBalance...>

#### **Deviation code for finished order lines corrected**

"Finished Order lines", column "Deviation Code" is now having the same combination of information as the Deviation Code column in the screen "Order Lines" (not finished).

This mean that we have added "Deviation Code Description" as a suffix to "Deviation Code".

#### **Additional column in Own Product Overview showing Allocation Procedure**

The product attribute Allocation Procedure has been added to the Own Product overview screen. The value is taken from the product attributes and can be set either manually in the product detail screen or by transaction CS08.

#### **Simplified configuration of shipments in the LoadPlanner**

To simplify the configuration of the LoadPlanner it is now possible to skip setting up drop points and use the Default lead time in the connected reception schedule to calculate the receipt time in the transports. Also applicable in calculation of the receipt time for shipment lines when changing shipment time.

To have full benefit of this feature you can have two different reception schedules with different leadtime connected to the same route. Then you will get different receipt time depending on what reception schedule the products (delivery agreements) are connected to.

Default Lead time must be >0 to give this behaviour

Shipments with real drop points will not be affected by this new feature.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 49

Release Date: 2016-08-22

#### **Invoices lines switches places when calculating Invoice**

In some instances, when you re-calculate an Invoice, the invoices lines switches their relative order, seemingly random, every time.

This issue has now been resolved.

#### **Using reply mail when receiving mail did not work**

If transactions are e-mailed into an e-mail channel in PipeChain, there is a setting on the channel so the sender can receive an e-mail response back.

This "Reply Mail" did not work properly. This error is now corrected.

#### **Duration calculation was erroneous at Outbound Shipment**

The error affected transactional shipment (CS03) and manual shipment from PipeChain Client, for Flow Period Type "From Outbound Deliveries". The error has been present for a very long time.

At shipment, durations are recalculated. The Own Bucket balance was adjusted down, but as the shipped Outbound Delivery was not yet written to the database, the Flow Periods were not adjusted down.

This would result in a too low Duration value. If the Duration Meter color was changed, an erroneous warning would be logged. The error would remain until the next duration calculation.

#### **New operation "Undo Service Level error" available from Combined Report screen.**

It is now possible to undo a Service Level Error. Basically change a "red product" on a historical day to become "green". Typical reason behind this is to correct a technical mishap.

Correction is made by right-click in the Combined Report Screen on the single selected line.

The following conditions must be met:

- Time Buckets is "Day"
- Group By is set so that the row is NOT aggregated (Count = 1)
- The row HAS a Service Level error (=0%)
- User has at least Site Administrator privileges

The SL error is undone both in KPI tables and in PipeChain Analyzer.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 50

Release Date: 2016-08-25

#### **Error when displaying Inbound Deliveries per Supplier Group**

When displaying the tab Inbound Deliveries in the screen Supplier Group Detail, a dialog box "Failed to open a database cursor" would appear, and some or all of the Inbound Delivery rows would be unreadable. The error was corrected.

### PipeChain 4.9.6 51

Release Date: 2016-09-07

#### **Error on change shipping time and performance enhancements**

A minor error stopped user from changing shipment time on a shipment in the load planner. This error has been corrected now. Also the performance was enhanced for the changing shipment time operation.

#### **Connection to mailserver every time mail are read**

Now is the mail server connected (login/logout) each time mail are read. Before this change was the mail server connected when email channel was started. This change will prevent reaching maximum concurrent connections for the IMAP protocol.

### PipeChain 4.9.6 52

Release Date: 2016-09-12

#### **Quantity, and other fields, was not displayed in PipeChain client's Inbound Order / Order Lines**

Quantity, and other fields, was not displayed properly in PipeChain client's Inbound Order / Order Lines. The problem is now solved.



# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 53

Release Date: 2016-09-28

#### **Use minimum delivery quantity as multi unit quantity**

For a specific customer setup, it is now possible to use minimum delivery quantity as multi unit quantity. This is enabled with selected property 84 Enable use of delivery unit quantity as multi unit quantity.

Default: false

The functionality is specified per delivery agreement by selecting delivery unit ID Use Min Deliv Qty as Multi Unit Qty

### PipeChain 4.9.6 54

Release Date: 2016-10-11

#### **Extra default timeout for receive mail**

Changed the default timeout when receiving E-mail from 30 seconds to 50 seconds.

#### **Delivery Agreement Detail screen: change in custom code**

This change does not affect the standard PipeChain product.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 55

Release Date: 2016-10-25

#### **Inflow in client and in net demand shipping in web had different values.**

Inflow in client and in net demand shipping in web had different values. Changed to show confirmed quantities rather than demanded quantities.

#### **Incorrect error message when invoice is incorrect in Total Amount Excluding Tax has been corrected**

In the text below the InvoiceTotal.Total Amount Excluding Tax from the invoice was replaced with the amount from the calculation.

MACom transaction processing error: Transaction number 1428 could not be processed. Invoice stopped. Invoice 'V16-03687' was stopped because validation check failed; InvoiceTotal.Total Amount Excluding Tax (80.20) differs from the one calculated (80.20)! The invoice was sent from Supplier '9003009' to Customer 'Xxxx' at Site '000'.

This is now corrected to

MACom transaction processing error: Transaction number 1428 could not be processed. Invoice stopped. Invoice 'V16-03687' was stopped because validation check failed; InvoiceTotal.Total Amount Excluding Tax (80.20) differs from the one calculated (800.20)! The invoice was sent from Supplier '9003009' to Customer 'Xxxx' at Site '000'.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 56

Release Date: 2016-11-21

#### **PipChain client: Increased stability when exporting to Excel**

Export to Excel from the PipeChain client is now less likely to fail.

#### **The DeliveryAgreements transaction is corrected.**

The DeliveryAgreements transaction (CS10) is corrected. If the same product was modified for several suppliers, the transaction would cause a transaction conflict. This is now corrected.

#### **Error when trying to delete delivery agreements**

When trying to delete delivery agreements for a product that is delivered to the same site from more than one supplier you can get an error, and the delivery agreement is not deleted. This error can occur both with automatic and manual delete.

The technical error description starts with "se.masystem.pipeline.bo.BOOwnFlowModel cannot be cast to se.masystem.pipeline.bo.BOSupplPartialFlowModel". This issue has now been resolved.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 57

Release Date: 2016-12-20

#### **Erroneous record names creates unnecessary logging**

Whenever a user enters the Create Despatch screen, the webserver logs the message "Cannot read record field 'qtyToShip' ", together with a complex stack dump. Also, whenever a user enters the Create Invoice screens, you get the same warning for the fields 'price', 'percentage' and 'addFee'. The errors are insignificant themselves as the record fields are not used, but the massive log output the cause have a risk of hiding real errors from exposure.

These negligible errors have now been corrected and the log file will be much leaner now when these items will no longer be present.

#### **InboundOrderResponse transaction PW02 without ReceptionTime attribute on OrderHead element are erroneously always marked as supplier changed**

An InboundOrderResponse transaction PW02 without ReceptionTime attribute on OrderHead element are erroneously always marked as supplier changed.

This issue has now been resolved.

#### **Duration calculation was erroneous at Outbound Shipment**

The problem affects Flow Period Type "From Outbound Deliveries".

The error was corrected for transactional shipment (CS03) and manual shipment of Outbound Delivery from PipeChain Client in service pack 4.9.6 SP49.

Now the same correction has been applied to manual shipment of Outbound Order and to manual shipment from LoadPlanner shipment.

At shipment, durations are recalculated. The Own Bucket balance was adjusted down, but as the shipped Outbound Delivery was not yet written to the database, the Flow Periods were not adjusted down.

This would result in a too low Duration value. If the Duration Meter color was changed, an erroneous warning would be logged. The error would remain until the next duration calculation.

# Release Notes Summary

## PipeChain 4.9.6



### **KPI tables may fill very slowly**

When the Dashboard screen was introduced, data size was limited to 100 days or 52 weeks -for performance reasons.

When Report screen were introduced, data size of 400 days or 57 weeks were allowed.

This proved to be too much - when KPI tables need to be cleared and re-filled, the process may require several hours if the data size is large (millions of records).

Thus we are forced to retreat to the old limits, 100 days for daily resolution, 52 weeks for weekly.

### **Action on installation**

Selected Properties controlling displayed Forecast Accuracy weeks [8008, 8009, 8018, 8019] were not handled properly.

This is now corrected, but their setting must now be specified as "number of days".

It is now possible to empty the KPIDay/KPIDayCombined tables with "TRUNCATE" in stead of "DELETE".

This is recommended only if the Message Log states that DELETE has actually failed. If so, contact PipeChain.

### **Error markings in web screen Outbound Order Detail for received order lines, columns 'Init D' and 'Res D'**

Earlier, received order lines and not yet received order lines were presented in separate tabs.

The error appeared when these tabs were joined. Received order lines do not have any InitDuration/ResDuration, and this was not handled correctly.

### **Correction of customer product definition screen**

An error made it impossible to create new customer product definitions. Now that error has been corrected.

## **PipeChain 4.9.6 58**

Release Date: 2017-01-10

### **Weekly KPI tables are sometimes mysteriously emptied**

KPI tables contain secondary data, retrieved from PipeChain Analyzer, with either daily or weekly resolution.

When dealing with weeks, it is important to realize that "Year of day" and "Year of Week" will differ for a few days (0 to 3) in the beginning of a year.

Since this was not realized, the daily incremental KPI table update would occasionally empty the table. The data would then be restored a few days later.

Note that if e g 30 weeks are saved, the problem will appear near week 30.

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 59

Release Date: 2017-01-13

#### **PipeChain client - Export to Excel when text looks like a number on exponential form**

There's been a problem when exporting text that looks like a large number on exponential form (e.g. 12E123). Text on that form is now exported as text, not as a number.

#### **BlanketOrderType implemented as option**

The field Blanket OrderType is implemented in the Blanket Order table as an option. It can be updated by the BlanketOrder transaction and is viewed in the java client.

#### **Action on installation**

The script PIPECHAIN\_040906\_BlanketOrderTypeTable\_FOR\_VPT\_MSS.sql has to be run if it shall work.

It is not necessary to run the script if you not want the functionality

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 60

Release Date: 2017-03-14

#### **WebEDI: Taxes page unreliable**

Some users have experienced the Taxes web page to crash when editing or creating new taxes. This issue has now been resolved.

#### **Delivery Agreement Parameter Group was not considered when updating a Delivery agreement with transactions.**

Delivery Agreement Parameter Group was not considered when updating a Delivery agreement with the transaction DeliveryAgreements (CS10) or ProductDefinitions(CS08). Updates on data controlled by the parameter Group is ignored.

#### **Temporary Invoices cleaned by nightjob**

Previously, temporary invoices (i.e. invoice drafts) was left until they become old enough to be cleaned by the regular cleanup routine in the Supply Database Cleanup background job. Now, temporary invoices are deleted by the night job as part of the cleanup routine.

Also improved internal background job handling of large chunk of business objects to be deleted by limiting number of objects per commit.

#### **Failure on automatic receipt**

The automatic reception of overdue deliveries has a serious problem that causes some deliveries to never become automatically. The error text is "Automatic Receipt: An automatic receipt could not be done on Delivery... Error cause: Null."

This issue has now been corrected.

#### **Added the identity of deleter (user name) to logging of Delivery Agreement removal**

There is a message logged in the message log every time a delivery agreement is deleted (The message text id is 120002). That message is void of the identity of whom deleted the message. Added the identity of deleter (typically a user, a background program, or a nightjob). Example: Delivery agreement deleted for Supplier Id = "103797", bucket "33000491" variant "" was deleted by "User sa".

Also added the user to other delete messages that did not have a user. These are the message with text id 120001 (product) and 120003 (receptionschedule).

# Release Notes Summary

## PipeChain 4.9.6



### PipeChain 4.9.6 61

Release Date: 2017-03-15

#### **Translatable column headers in BlanketOrder**

The column headers in the BlanketOrder tab in the DeliveryAgreement view has been made translatable. Also, the following default column headers have been renamed.

"Line" to "Purchase Order Line Id"

"Received" to "Received Quantity",

"Received" to "Received Amount".

#### **Action on installation**

The script PIPECHAIN\_040906\_BlanketOrderTypeTable\_FOR\_VPT\_MSS.sql has to be run if it shall work.

It is not necessary to run the script if you not want the functionality