

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 01

Release Date: 2012-06-05

#### **CS38 DeliverySchedule transaction; Improved handling of orderlines with status 2**

Lines that are of status 2 ("Commitment for manufacturing") are in a state between forecast and firm (=order). A orderline reference might exist, and even if such a reference exists, the order itself might not exist.

PipeChain use to handle the latter case as an error. This is now seen as normal. A warning is logged if the order does not exist when it should.

Please note that this behaviour has been changed in later service packs, where no warning for a missing order is logged if the line is in forecast status 2, but an error is if the forecast status is 1 and the order is missing.

#### **Conditional display of link to order in Web Forecast Overview screen**

Lines that are of status 2 ("Commitment for manufacturing") are in a state between forecast and firm (=order). A orderline reference might exist, and even if such a reference exists, the order itself might not exist.

The forecast overview screen now only displays the ordernumber as a link for a line of status 2 if an order actually exists.

#### **CS80 Invoice transaction corrections**

Corrected handling of the roundingAdjustment in incoming CS80 so that it is used when calculating Gross And Tax.

Also corrected a programming error where rateofexchange and rateofexchange values were erroneous.

#### **SOC - New order in web shop price range**

If the price list is to be shown for user, it is placed first instead of last.

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### **CS80 should be processed error if expecting DESADV and no despatch object found in PipeChain**

CS80 should be processed error if expecting DESADV and no despatch object found in PipeChain. This error is now corrected.

### **CS38 DeliverySchedule nullexception correction**

If you had a orderrow (as opposed to forecastrow) which had an orderreference, and that order was missing in pipechain, you would get a nullexception in the transaction reader, as this should not happen.

This eventuality is now handled - A warning is logged if the order is missing.

### **SOC - Shipment and reception time is corrected for inbound order head in Commission Call-off**

Previous, the shipment and reception time for inbound order head was fetched from first outbound orderline.

Now - it is fetched from the outbound order head.

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### PipeChain 4.9.1 02

Release Date: 2012-07-25

#### **Handled background job Update Order Statuses unnecessary error in message log**

The background job Update Order Statuses mission is to ensure the correct status of orders. It is triggered via several events. If the order had been deleted or moved to finished during the run of the background job, the job fails and logs an error. This this circumstance is not exceptional, only rare.

The background job now continues to process any remaining orders, and does not log any errors.

#### **Invoice CS80 TotalAmountExclTax/GrossNet uses value of TotalAmountRowsExclTax/GrossRows**

SP01 introduced an error where TotalAmountRowsExclTax is used for the value of TotalAmountExclTax. These will differ if you are using invoicefees other than taxes on the invoicehead. The CS80 Invoice transaction will be processed error if you have invoicecheck enabled. Does not affect invoices created by the supplier on the PipeChain Web.

#### **CS02 OrderResponse transaction now handles cancellation of already cancelled orderlines**

A cancellation by CS02 OrderResponse transaction on an orderline that is already cancelled is no longer handled as a fault. Previously, that line caused the transaction to be processed with error, and processing continued. Now this line will not cause error, but an information-only message will be logged.

#### **Corrected label on Order and Orderline General Information text**

The label for "General Information" on both Order and Orderline showed "Line Information" or "Deviation Information". Changed to show "General Information" in all instances. Note that Order General Information in SOC is Called "Head Information".

#### **Change of Forecast row in CS38 DeliverySchedule turns up wrong delivstatus**

A Forecast row in CS38 DeliverySchedule that is changed from previous forecast, erroneously got their delivstatus from "Forecast" to "Change Requested". Only Firm rows (ie an actual order) should change their status. Forecast rows should always use the delivstatus "Forecast". This issue has now been remedied.

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### **Web supplier's Outbound Order Overview screen does not count finished order lines**

The orderlines column in the Web supplier's Outbound Order Overview screen does not count the orderlines that are finished. Changed this behaviour.

Also added the respective orderlines count (order lines/finished order lines) on the respective tab header in Outbound Order Detail screen in the web.

### **Sales Order Id in Web Confirm Replenishment Order Lines**

Previously the SalesOrderId was only fetched from the Head. You could thus not have different Sales Order Id's on an Replenishment order, even though the actual field is open for input. Also, SalesSubOrderId was not handled. Rectified these issues.

### **Web Shop: Checking out basket when price range expired**

It's been possible to check out a basket line where the price range has expired when the selected property 10003 was set to "order date". That is no longer the case.

### **Suppliers Web Forecast Delivery Period Overview shows DelivQty instead of DmdQty**

The forecast screen is supposed to display Demanded Quantity, instead of Delivery Quantity - which for a forecast has little meaning, and is just set to original Demanded Qty.

This issue has now been addressed.

### **Search in Web Forecast Delivery Period Overview does not include all results**

The results you get when searching in this screen by date does not include the from and to-dates, which becomes obvious when you search for a single date, but also a search for a one date interval could return zero hits even though there is data.

### **Technical staff only: Invoice Discount/Allowance/Percentage/ROWFEEA Selected Property no longer uses the label "Allowance"**

Please refer to the POC Guide chapter 8.3.

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### **Platform: Background job recovery after disturbances**

The running of background jobs could stop after periods of network disturbances. These problems are now fixed.

### **Web Confirm via Order and Forecast screens yield different dates, CS05 OrderResponse transaction**

There is a business logic in the order screen that does not allow you to confirm an order with data that results in a reception date later than today. This could result in different dates being sent in CS05 when confirming the same order in forecast and in the order screen. This is not the desired behaviour.

Enforced the same business logic when confirming orders in the forecast screen as in the order screen, where a shipment- or reception date that is before the current date, the current date will be used.

### **Forecast transaction CS38, non-firm, non-forecast orderline with missing orders should have the order created by pipechain.**

A non-firm, non-forecast orderline (ie "Commitment for manufacturing", 2 or "Commitment for material", 3) that are sent into PipeChain might or might not have an order reference. If the order reference exist, but the order does not, the order should be created by PipeChain when a CS38 is received with the orderline in Firm Status.

This is now implemented. An already firm orderline without an existing will not be processed, instead the transaction will be processed with errors. (Previous behaviour was that only a warning would be logged for any non-forecast line where the order was missing.)

### **Optimized POC webinterface screen Despatch Order Lines for faster display.**

Optimized Despatch Order Lines so it would run faster by eliminating datasources not used. Also other (Order) overview screens should notice a performance gain.

Should considerably lessen the strain on the server.

### **Profile setting for Net Demand and Gross Demand POC screens**

There was an error in the Profile Definitions for the POC screens Net Demand and Gross Demand, causing strange effects when trying to set their privileges. That error is now fixed.

### **Action on installation**

Review your Profile settings for the mentioned screens.

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### **POC: Restriction on number of suppliers to show Despatch Order Lines with "All Suppliers"**

When a user has access to more than a certain number of suppliers, he can no longer show the 'Despatch Order Lines' screen with the supplier selector set to "All Suppliers". Instead, he will see an instruction to select a single Supplier.

The reason behind this change is performance and stability.

### **Action on installation**

Max number of suppliers is set as the `se.masystem.Websuppl.DespatchOrderLines.MaxSuppliers` property in `Servlet.properties`. Please note that missing property sets the restriction to 5.

### **Invoice printout including PR80 VAT in account currency**

Some issues where the formatting and fetching of the report have been solved. An upgraded invoice report file (`StdInvoice.xml`) must be used for this Service Pack and onward.

If no account currency is found in the invoice, the data is fetched from Selected Property 104. If no invoice currency is found, the currency used is from the order, if available.

### **Platform: AutoConfirm via Event transactions**

Event transactions can be used to automatically confirm Messages and MACom Transactions. This is intended as a help for System Administrators.

The function requires that

- Events are configured and activated
- the Event Scanning background job is enabled
- the event User has enabled Event Export
- the event User has enabled AutoConfirm by adding the string "AutoConfirm" somewhere in the Description field (this is changed to a checkbox in version 4.9.3)

The function is executed by the Event Scanning background job. Before creating new event transactions, the available event transactions are used for AutoConfirm if

- the Event transaction is not already handled
- the Event transaction was successfully transmitted
- the corresponding User conforms to the above conditions

All Messages and MACom Transactions identified by such Event transactions are automatically confirmed.

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### **OrderId is missing in Invoice Printout and in PR80 transaction from invoice created by CS80.**

A gap in the functionality has been bridged;

The gap is that; for a CS80 supplier invoice, if the supplier is not shipping in PipeChain and he do not supply a PurchaseOrderLineId (PurchaseOrderLineId missing or blank), PipeChain cannot perform a look-up on the OrderLine. This leaves the invoice row without an (PipeChain/Replen) Order Id, for example. That OrderId will then be missing from PR80 and from the invoice printout.

The look-up functionality has been extended so that the (PipeChain)OrderId and SalesOrderId are fetched from the order, even if the orderline could not be found with the data supplied in the transaction. But OrderLine-specific attributes as Delivery Id, for example, is still not fetched if PurchaseOrderLineId is blank or missing.

### **Illegal filename characters in invoice file, PR80**

The filename constructed in PR80 and CS80 transactions are made part from the invoice number. Sometimes the invoice number contains characters that are illegal to use in a operating system filename. A windows filename cannot contain any of the following characters: \ / : \* ? " < > |

If the characters above are found in the invoice no, these character are replaces in the filename by a valid character. Fore example, "/" becomes "-" in the filename. Please note that the actual invoice number is not changed in any way.

### **The reception time in basket line is not automatically changed to same value as on order head**

Previous, the reception time on line was changed to the one in head - if it was changed.

### **Prevent multiple login-attempts on the web**

The login page now has scripting functionality to prevent multiple log-on attempts. Consecutive attempts before the original attempts is processed (which could take several seconds during intense server load). All customized versions are also upgraded.

### **Invoice transaction CS80 crashes**

There is a problem that makes outbound (customer) invoice transaction crash when matching invoice and despatch. This issue has now been remedied.

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### PipeChain 4.9.1 03

Release Date: 2012-08-28

#### **POC: Add new row to Invoice**

The functionality of the Add new invoice row-button in Create Invoice-screen in the Web Interface has been extended to incorporate new columns, and bugs has been weeded out.

This button is goverend by Selected Property 34, AllowExtraInvoiceRows

#### **New fields added to Claim Mail**

Following new fields are added to Claim Mail:

1. Supplier (SiteId and Site Name)
2. Customer Name (Schema change)
3. Sales Order Id and line
4. Supplier Product Id
5. Supplier Product Name

Purchase Order Id and Line is moved to "Head" of Claim Mail.

The xml schema is updated with customer name

#### **Action on installation**

A new Mail.xsl (2012-07-27) must be used to make change to get new layout of Claim Mail.

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### Improved control of automatic print out for delivery notes

Three selected properties are now controlling of automatic printing of delivery note during shipping.

[113] Generate Delivery Note printout automatically at Ship Despatch. Valid values in Setting: true, false. Default: false. Is now only controlling if automatic delivery note print out should be done when using Ship Despatch button

[124] Generate Delivery Note printout automatically at Create/Save Despatch. Valid values in Setting: true, false. Default: false. New parameter controlling if automatic delivery note print out should be done when using Create Despatch or Save Despatch button

[125] Generate Delivery Note printout automatically at Ready For Shipment. Valid values in Setting: true, false. Default: false. New parameter controlling if automatic delivery note print out should be done when using Ready For Shipment button

A new print button is also added in despatch detail screen

### Action on installation

If using preparation of despatches using Create/save Despatch or Ready For Shipment buttons then it can be necessary to define selected property 124 and 125.

Description of selected property controlling delivery note print out:

[113] Generate Delivery Note printout automatically at Ship Despatch. Valid values in Setting: true, false. Default: false. Is now only controlling if automatic delivery note print out should be done when using Ship Despatch button

[124] Generate Delivery Note printout automatically at Create/Save Despatch. Valid values in Setting: true, false. Default: false. New parameter controlling if automatic delivery note print out should be done when using Create Despatch or Save Despatch button

[125] Generate Delivery Note printout automatically at Ready For Shipment. Valid values in Setting: true, false. Default: false. New parameter controlling if automatic delivery note print out should be done when using Ready For Shipment button

### Back button in despatch detail in snow not backing to Delivery Note print out screens

Back button in despatch detail in snow not backing to Delivery Note print out screens. Instead id Despatch Overview screen shown without print pdf windows.

### POC: Reminder Mail displays wrong value för Order Subtype

Reminders for orders display the order's "Order Subtype Label" value.  
Reminders for order lines displayed the line's "Order Subtype" value. Now the value is retrieved from the order.

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### **POC, VMI: Performance issue in background job UpdateDurationMeters**

OwnProdNodes without any Inbound Delivery Agreement are now skipped in the background job UpdateDurationMeters.  
This may be beneficial if products are configured using unfiltered transactions.

### **Error message from integrated supplier orderconfirmation message is improved**

Error message from PW02 is complemented with purchase order id and supplier id.

### **Server Admin window hangs when displaying Users**

Caused by a deadlock with the user's thread's database. The problem is now fixed, but the Server Admin window can no longer detect if the user's db is logged on or not.

### **Action on installation**

None

### **Improved error messages in Web Shop Basket**

Improved following error messages in Web Shop Basket:  
"Dmd Qty notmultiple of DU Qty" to "Dmd Qty is not a multiple of DU Qty"  
"Shipment time is to soon, prod leadtime" to "Shipment time is to soon, production leadtime is longer than shipment time"

### **WebShop: Incorrect error message was shown when doing check out basket**

Incorrect error message was shown when doing check out basket. Message "Shipment time is to soon" was shown. This is now changed to "Shipment time is to soon production leadtime is longer than to shipment time" should be shown

### **Correction and additional functionality for PartnerDefinition(CS43) and PartnerAgreementDefinition(CS44)**

Addresses are handled correctly in CS43  
Customer Type added in CS43.  
WebUsers are handled for customers and suppliers in CS44

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### **POC: Unsuccessful line breaking in Order Printout**

If e.g. a "Description" text contains the substring "<BR>" the text should be displayed with a line break there, both in HTML screens and in PDF printouts. However, if the text would start with "<BR>", line breaking did not work properly in the PDF printout. The error was corrected.

### **Extra page break on individual label removed**

There was an extra page break on the individual label. It has now been removed.

### **Corrected schema and product discrepancies for CS80 invoice transaction.**

There were discrepancies between XML schema and the actual implementation, particularly concerning attributes DelivNoteld and DeliveryNoteld on InvoiceHead and InvoiceLine level. (See XML schema.) These attribute names have been mutually interchangeable on both levels, and the schema has been changed to correspond to actual output.

### **Add order line dialog was shown after confirm order with sub order type Syncro**

Add order line dialog was shown after Order Confirm with sub order type Syncro. This is now changed so that this dialog is not shown.

### **POC Web login: Suppliers are always sorted by numbers**

Suppliers are always sorted by numbers in the POC, regardless of the setting in Selected Property 1500, "Order by Partner name".

This has to do with a performance upgrade in 4.9.0. The sorting has now been re-included.

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### **CS38 DeliverySchedules transaction, backing of forecast status**

The CS38 DeliverySchedules transaction, previously did not allow reversing to a higher forecast status, but only allowed it to remain the same, or to be progress to a lower level (ie 4 (forecast)>3>2>1 (firm)). If you did try to reverse a forecast line, that line would fail with an appropriate error message ("Reversing of forecast status is not allowed").

The behaviour has been changed. It is still not allowed to reverse forecast status, but an attempt to reverse is now logged as a warning, and the forecast line is still updated as per the current forecast status.

(Please note that when trying to reverse or update a forecast line with an existing purchase order reference in pipechain (from a previous transaction), you must supply the purchase order reference or the lines will be interpreted as different lines, as a forecast line with order information is a unique order line.)

### **Improved diagnostics**

The Thread Dump at server shutdown is now full.

The internal support info JSP page prints a full Thread Dump from the application server.

### **LoadPlanner: Allow more than 1 week lead time**

When a Drop Point is created in a Scheduled Weekly Shipment, the lead time will be from zero to one week depending on the shipment vs receipt day + time (an earlier day is regarded as "this day next week").

Now, you can also add a Receipt Week Adjustment (exactly as in Reception Schedule / Weekly Transports). The value "0" gives the above behaviour, "1" moves receipt to one week later etc.

### **Production Order functionality restored.**

The functionality production orders is missing in the current. The "Generate Order" menu choice in indeliv suggestion is supposed to generate production orders if Sel Prop 118 is true (and normal orders otherwise) - but it does not create a true production order. Also, the summation of production order quantities and auto increase functionality does not work - the code for this in FCInboundOrder has been removed in rewrite due to performance issues. Restored functionality above.

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## PipeChain 4.9.1



### PipeChain 4.9.1 04

Release Date: 2012-09-24

#### **SOC: Cannot save changes in Customer Forecast Overview**

The first issue addressed is an sporadically occurring error in the Customer Forecast Overview screen. Some times, you cannot save changes you make - the page just reloaded. This is an issue which is believed to do with Internet Explorers translation of the HTML code when passing it on to the server. Rewrote the code so it works with Internet Explorer as well.

The second issue is that you can not save, or even properly navigate to the second page (if you have many products in your Category). The navigation functionality is not for editable screens, so the navigator was removed. All products for that Category is now displayed on a single page.

#### **The reception time in basket line is not automatically changed when updating**

The behaviour was changed in 4.9.1 SP02 to not automatically update the reception time in basket lines from the order head, when confirming, updating or checking out. Now, updating does update the basket lines' times.

#### **Nullpointer error CS72 ProductionRequisitionResponses and PW02 InboundOrderResponses**

You would get a severe error in CS72 ProductionRequisitionResponses and PW02 InboundOrderResponses, resulting in the crashing of the transaction. This was due to a bug, which has now been corrected. The error has been present since the release of 4.9.1.

#### **Own balance was updated twice in In & Out Deliveries in Inventory Chart**

Own balance was updated twice in In & Out Deliveries in Inventory Chart. This error is now corrected.

#### **Lookup of despatch line with PurchaseOrder reference in CS80 Invoices transaction**

Previous behaviour was only to use the PurchaseOrderId as reference if a complete PurchaseOrder reference was available. This behaviour is now changed so that the PurchaseOrderId reference is used even if PurchaseOrderLineId is missing or blank.

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### **WebShop: Split Order Line never possible if Frozen Horizon is used**

If Frozen Horizon is > 0, Split Order line was never possible due to an erroneous condition in the server. The error was corrected.

### **Improved errormessages from CS80 Invoices transaction**

When a transaction goes wrong, the error is logged, and the parts could optionally get an email with the text of the logged error. The error-messages has been improved and extended to contain more metadata, and make them more readable.

### **Further improvement of transaction error messages**

Errors "No item has mnemonic=" has now been improved so that actual name if the faulty item is displayed. Ie. "No Taxtype has mnemoic="

### **CS80 Invoices transaction fetch PurchaseOrderLineId from OrderLine**

If the InvoiceLine in the transaction misses the attribute PurchaseOrderLineId, the InvoiceLine in PipeChain is created with that PurchaseOrderLineId reference blank. This behaviour has been changed so that we perform a lookup on the OrderLine invoiced, and copy the data from there.

### **"Keep the customer" - buttontext corrected, POC Confirm Order**

When reconfirming an order where the customer has changed it, the buttontext should read "Keep the customer's previous values". Instead it reads "Keep the customer". Corrected the text.

### **Corrected transaction crash for PW02 InboundOrderResponses when Orderline.Operation ="Delete"**

Corrected programatic error in the transaction reader. Error present since 4.9.1.

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**Order Change notification mail is sent by DeliverySchedule CS38 even if no change has taken place.**

Due to an error, an order change notification mail is sent from CS38 weather the order is changed or not. This issue has now been remedied.

### **POC: A new (fast) Welcome screen is available**

Web suppliers and POC users can now select a new start page, called "Welcome". Selecting this new start page should speed up login, since the page doesn't read any data.

### **Action on installation**

Go to the "User Detail" screen, and select "Welcome" as your new start page if you think that it takes too long time to log in.

### **Quantities could be mixed up when shiping despatch and using Ready For Shipment**

Quantities could be mixed up on despatch lines when shipping destatch and using Ready For Shipment. This Error is now corrected. The sort order on line is also improved now showing line according to Despatch Row No.

### **POC: Performance for order screens**

It is now possible to speed up screens displaying orders, by avoiding reading unnecessary line information.

### **Action on installation**

Set selected property 7001 to a suitable value:

0 = Count total and severe lines.

1 = Count total lines only.

2 = Count severe lines only.

3 = Do NOT count lines.

If you need to count total lines, you should create an index on columns [SupplBizNodeId, DelivAddressId, ReplenOrderId] in tables InDeliv and FinishedInDeliv.

### **Selected property 10022 Changeability has got a new value 3 which means no test.**

The shipment time is not tested if the value is set to 3

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### **Only Tax Type is now not not cause a match of taxes when processing CS80**

Only Tax Type is now not not cause a match of taxes when processing CS80. Tax Rate and Tax Category is values that causes matching of CS80 tax4s with configures taxes in PipeChain.

### **POC: Changed default search interval for Forecast Delivery Period Overview**

Changed default search interval for Forecast Delivery Period Overview. The default interval length in week mode is now 53 weeks (was 27).

### **POC: Corrected week numbers in Forecast Delivery Period Overview**

Error correction. The week containing 2012-Dec-31 and 2013-Jan-1 is now correctly displayed as "W01 '13".

### **The error message Mixed Price List No appeared even if the Price List No not was mixed**

The error is fixed.

### **Corrected html syntax which causes problems in Internet Explorer 9**

Internet Explorer 9 has proven to have some problems with displaying the login page. The login page has been changed so that it displays correctly even in IE9.

This feature could be installed without the need to upgrade to a Service Pack.

### **Deliverynote cannot be printed in POC if the orderline is finished**

You cannot print a deliverynote if any of the orderlines in the despatch have been finished - instead you get an ugly error dump.

This issue have now been resolved.

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### **Improved errormessages from PW03 InboundDespatchAdvices transaction**

When a transaction goes wrong, the error is logged, and the parts could optionally get an email with the text of the logged error. The error-messages has been improved and extended to contain more metadata, and make them more readable.

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## PipeChain 4.9.1



### PipeChain 4.9.1 05

Release Date: 2012-10-18

#### **Extended data in deviation and notification emails**

##### **+ DEV2358 -CS02 skickar Despatch-notifiering även om man inte skepp**

The notification and remainder emails has been extended with the following attributes

Notification (Order Confirmation, confirm basket, etc):

Line (replen), Requested Shipment Date, Requested Receipt Date, ProductName, Customer Product Name, Requested Quantity, Unit of Measure, Requested Price, Currency, Discount-

Deviation - OrderResponse;

Product Name, Customer Product Name, Unit of Measure, Currency, PriceUnit

Deviation - Despatch:

Product Id, Product Variant, Product Name, Product Description, Customer Product Id, Customer Product Variant, Customer Product Name. Customer Product Description. Unit of Measure

Deiviation - Invoice:

Invoice Date, Payment Due Date, Delivery Note Id, Product Variant, Product Name, Customer Product Id, Customer Product Variant, Customer Product Name, Customer Product, Description, Unit Of Measure, Currency, PriceUnit

#### **Outbound Order Response CS02 transaction could send despatch notification/deviation mail even if not shipping**

The Outbound Order Response CS02 transaction could also be used for shipping. There is a bug wich allows the CS02 to send a notification/deviation mail even if the orderline is not a shipped in the transaction. This happens if the orderline is already partly shipped.

This issue has now been corrected, and a despatch mail is only sent if the CS02 orderline is actually a shipping.

#### **Improved performance in screen Despatch Overview and Despatch detail**

The performance in screen Despatch Overview and Despatch detail is improved. The performance is also improved when doing Ready For Shipment and Ship Despatch in detail screen.

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### **Improved performance in screen Deviaton Overview**

The performance in screen Deviaton Overview is improved.

### **Login Error after Partner Agreement has been deleted**

A bug could make the webusers linger in the application even after the corresponding partner agreement is deleted. This behaviour happens when you are logged into a site in the PipeChain Supply Application and deletes a partner agreement belonging to another site.

Trying to log in onto the PipeChain Web Interface, with the webuser in question, causes suspicious-looking errors like "Login Failed. Could not connect to the server. 0".

### **The Changeability field is removed from Inbound Order Overview screen in the WebShop**

The information was not very useful and the performance is increased if it was removed

### **POC: Changed logic for Deviation when shipments are prepared**

This change only affects situations where the supplier prepares shipments which are collected by the customer ("Use Prepare Despatch" in the Partner Agreement).

Before, the deviation logic was applied at collection time, which meant that the supplier was "punished" with a deviation if the customer collected late, regardless if the cause for this delay. Now, the deviation logic is applied at prepare time if the supplier prepares shipments.

### **Inbound Despatch screen filters Deliv Note Id, Shipment Time and Reception Time**

The Inbound Despatch screen now uses some of the "Deliveries" filter options, such as Delivery Note Id, Shipment Time and Reception Time.

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### **Correction in OrderResponse message PW02 regarding keyword ConfirmOrderLinesNotInThisMessage and identify with Purchaseorder Id**

The combination purchaseorder id and ConfirmOrderLinesNotInThisMessage did not work. Now it is corrected.

The order lines on outbound side, if order type is 'Commission Call-off', is now handled.

### **Despatch created with CS03 DespatchAdvice gets wrong Shipment- and Reception times.**

The Shipment- and Reception times on the despatch created is not fetched from the Shipment data from the transaction, but is instead fetched from the Delivery's Confirmation. This is wrong, as the Shipment data should override previous data from the Confirmation.

The error only occurs in the Advance Shipping Notice-case - when both DeliveryNoteld and DeliveryRowNo is specified - and has now been remedied.

### **POC: Optimized retrieval of Deviation Limits**

Since a Deviation Limit is often used many many times, an optimization saves the data so that is only read from the database once.

If a Deviation Limit is altered, the user must relogin to get the new value.

### **Init/Res Duration was not changed when "Change Time..." was used by right click in Inbound Delivery Suggestion Overview**

The error is fixed

### **Inbound Invoice screen filters Deliv Note Id and Shipment Time**

The Inbound Invoice screen now uses some of the "Deliveries" filter options, such as Delivery Note Id and Shipment Time.

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### PipeChain 4.9.1 06

Release Date: 2012-10-25

#### **PipeChain Client: Faulty Business Key in screen Property Values**

A faulty Business Key was displayed in the detail section of the Property Values screen, when it in fact should have been 0 (as was correctly displayed in the overview section).

#### **Action on installation**

None

#### **Selected Properties Allow Joint Delivery, Allow Joint Invoice and Allow Split Invoice Joint Delivery now behaves like other Selected Properties**

The Selected Properties Allow Joint Delivery, Allow Joint Invoice and Allow Split Invoice Joint Delivery, number 11, 12 and 23 respectively, previously had a double catch that required both the site and the partner's setting to be true in order for the effective value of the Selected Property to be true. Now these Properties behaves like other selected properties, finding the value of the furthestmost branch of the Biz-Site-Partner tree branching.

(Selected Property 23 Allow to split lines from an Order in one Despatch on several Invoices was previously named Allow Split Invoice Joint Delivery. )

#### **Changes in behaviour for Joint and Split Invoices, CS80 Invoices Transaction**

Selected Property 23 Allow Split Invoices Joined Despatch has been renamed Allow Split Invoices. The behaviour of the Property has been changed. The new behaviour is that setting the property to true (default), will allow you to Split the lines on a Despatch on multiple invoices. Otherwise you must invoice all the lines from a Despatch on the same Invoice.

Selected Property 12 Allow Joint Invoice: If this Property is set to true (default), you are allowed to have more than one Order on one Invoice. Otherwise, an Invoice can only contain lines from a single Order.

If both these properties are set to false, you are still allowed to Invoice a despatch with lines from multiple Orders - these Orders must be fully Invoiced by the Invoice transactions, each order in separate Invoices transactions.

# Release Notes Summary

## PipeChain 4.9.1



### **Add extra invoice rows in transaction CS80 Invoices**

Selected Property 34, Allow Extra Invoice Rows allows you to add rows to the Invoice, rows that does not corresponds to any Despatch Row or Order Line. This is possible to do in the Web Interface.

However, In order to add extra rows in the CS80 Invoices transaction, the following conditions must be met:

- a) The Property 34 must be set to true (default),
- b) The Invoiceline in the transaction must have a non-blank PurchaseOrderId
- c) The Invoiceline in the transaction must not have a PurchaseOrderLineId, or a blank one.

### **Order's Invoices status does not turn out correctly when cancelled lines exist**

When invoicing an Order with cancelled lines, the Order's Invoices status does not turn out correctly. Since the cancelled lines are not invoiced, you end up with Partially Invoiced, where (fully) Invoiced would be correct.

Changed the behaviour to disregard cancelled lines when computing the Order's Invoice status.

### **Automatic confirmation does not work for order change with CS40**

Automatic Confirmation was set correctly (both order and lines in status Confirmed after both create and update) if the AutoConfirm attribute was set in the CS40 (Purchase Order Transaction), but not when it was set via the "Send Delivery Suggestions" attribute of the Delivery Suggestion Parameters tab (in Own Site or in Partner Agreement screens).

### **Partner Agreement transaction CS44 is improved to handle Delete**

Delete can be used as Operation in CS44 and the agreement will be removed.

### **Correction of Defintion of user in Partner Agreement transaction CS44**

The site profile is defined even if the user already is defined.  
Attributes as phone fax e.t.c is updated for existing users.

# Release Notes Summary

## PipeChain 4.9.1



### **Forecast Data is now also updated for Demand lines that are "zeroed out" in CS38 DeliverySchedules transaction.**

The CS38 DeliverySchedules transaction now updates Forecast Data (Forecast Number, Previous Forecast Number Date, Start Date, End Date also for Demand lines that are "zeroed out". ( I.e. Demands from a previous Forecast that are no longer present in the new Forecast and have their Demand Quantity set to 0.)

### **View despatches in Despatch Overview screen took very long time when not having any search conditions**

View despatches in Despatch Overview screen took very long time when not having any search conditions. This error is now corrected.

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 07

Release Date: 2012-11-20

#### **Autoconfirm in transaction CS40 PurchaseOrders and CS38 DeliverySchedules now updates price and times data too**

The autoconfirm functionality only confirmed quantity changes from the customer. Now changed price information and shipment- and reception dates are also affected.

#### **Webshop: Notification Mail MP01 was not sent to Order Contact if order type was Commission Call-off**

All Notification and Deviation mails (MP01 and MP03) on the outbound side can be configured per User. This did not work in the above case. The problem was corrected.

#### **POC, WebSupplier: Deviation Limit template cannot handle "Not used."-values**

"Not used."-values may occur in the top (Server) level Deviation Limit definitions (as a more readable representation of a null-value).

If such values were "Put to Template" and then "Get from Template" in another scope, an error would occur.

The error was corrected. "Not used."-values are no longer put to the template, neither are they got from template.

#### **Partner Definition Trans Reader for supplier is corrected**

Null exception is fixed.

#### **The user of property 1410, order history lifetime, is extended.**

The property 1410 is number of days the order and orderline is kept in the finished tables

This has been implemented earlier for the supplier side.

Now the same property is valid for the customer side as well.

This means that if a property previously is defined without telling if it is valid specific for suppliers, it is now valid for customers as well. The user has to define specific if it shall be valid for supplier, customer or both.

#### **Action on installation**

Please run the upgrade script named

PIPECHAIN\_040900\_TO\_040901\_PASS\_25\_Property1410\_MSS.sql to set old properties to be valid for suppliers only.

# Release Notes Summary

## PipeChain 4.9.1



### **Supplier Confirm on web - Copy new demand of cancel - corrected**

The function could in some cases give a null exception, which is removed

### **Incorrect CS00 Acknowledge transaction caused channel to stop**

An incorrect CS00 Acknowledge transaction could cause the MACom channel to stop. This error is now corrected. Instead is now an error message written in message log and if the transaction is a file then it's moved to err-folder

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 08

Release Date: 2013-03-01

#### **New behaviour in Web Customer Forecast screen**

- 1) The Web Customer Forecast screen now uses a navigator as most other overview pages does.
- 2) You can now choose to only display forecast active products, or all products by clicking a checkbox.

#### **Default web page shows garbled text**

Some users have experienced that the default page of the web application just shows a bunch of garbled text in the browser, instead of "You will be redirected to the login page". Other users have question the need of that page.

The solution to this is to direct the user to the loginpage instead of the default page, whenever that page is requested. This behavior is now default, but customizable. This is not version dependent.

#### **Action on installation**

The new file index.html is should in the root webapp if this new behaviour is desired.

#### **Receptions Schedule information can be set from Partner Agreement transaction ( CS44)**

The node ReceptionSchedule can be added below Customer and Supplier.

Attributes:

Operation="Insert" or "Update"

LeadTime

ScheduleId

Type ="Reception Days"

MondayIsOpen="True" or "False"

TuesdayIsOpen

WednesdayIsOpen

ThursdayIsOpen

FridayIsOpen

SaturdayIsOpen

SundayIsOpen

The element is included in strandard from 4.9.3

# Release Notes Summary

## PipeChain 4.9.1



### **PipeChain Client: Own Bucket Overview screen, errors in Max Balance column**

There was an error in the Max Balance column in the Own Bucket Overview screen for products with multiple suppliers. The value could vary depending on whether the row was selected or not. The problem also "spilled over" to columns with colored severity indication, depending on Max Balance, such as Duration and Balance.  
The problem is now solved.

### **Improved performance in Despatch Order Line**

The performance in Despatch Order Line is now improved

### **CS48 DespatchAdvice transaction contains unique DeliveryRowNo**

DeliveryRowNo are simply a counter for rows in a Despatch. Every Despatch Row should have a unique DeliveryRowNo within the Despatch. When shipping zero quantity, the DeliveryRowNo could end up being non-unique. This issue has now been corrected.

Also, Lines that are shipped with quantity zero will not be added to the CS48 transaction - unless the shipment complete flag is set. This is a signal for the customer to close the Order Line - there will not be any more shipments on this line.

### **The combination of new product and Product supersession does not work in transaction ProductDefinition (CS08)**

The transaction was set to error with the comment that the product did not exist.  
The rule is ignored in this case.

### **Action on installation**

None

### **New property to force user key in reception time in WebShop basket**

If the property 10017 is set, the user has to key in the reception time in the basket.  
It is not automatically populated.

### **Logic for setting InvoiceStatus on Order and Orderline rewritten**

The logic for setting InvoiceStatus on Order and Order Line has proved to be littered with numerous faults. It has been rewritten and now should work better.

# Release Notes Summary

## PipeChain 4.9.1



### **Analyzer: Error in time dimension**

This error applies to the time dimension "by week" of the PipeChain Analyzer OLAP database in versions 4.7.0 and later.

It does not affect other usages of PipeChain Analyzer, such as Management Dashboard, Delivery Precision Report Screen, or customer specific Delivery Precision functions, neither does it affect the time dimension "by month".

Due to an erroneously built key, data in weeks crossing december and january may use the wrong year. E g data in 2012w52 is instead displayed in 2011w52.

It is a presentation error only, the saved data is correct. The error is corrected by running a SQL script that changes view "ViewDimTime".

If you run a locally installed PipeChain version where this error exists (4.7.0 or later), you may contact PipeChain support to obtain this correction script.

### **Action on installation**

No action, when installing or upgrading to recent versions (4.9.1 or later) the correction script is run automatically.

### **IComp WebShop basket instructions**

An instruction image+help text/remainder for basket operation is now visible at login page. The instructions are also available in the Basket View as a pop-up via an button marked with "i".

### **WebShop - Confirm changed orderline while it has been goods received - fixed**

A null exception was raised if a changed orderline was 'goods received' before the change was confirmed in the webshop.

It is now fixed.

### **Ignore order response on shipped order lines**

Now order response on shipped order lines is ignored. Even if there is a small deviation on the line that deviation is ignored as the line is already shipped and the "only-confirmed" lines are important to update.

Applies to Order Response from supplier (PW02).

# Release Notes Summary

## PipeChain 4.9.1



### **Problems with CustomerForecast Web-import**

The CustomerForecast could not be imported in the web interface due to a bug released in a previous service pack. This issue has now been solved.

Referenced to helpdesk as PC7123.

### **VMI: Data Exchange does not send Reception Registrations with quantity = 0**

If a row was shipped and received with partial quantity, then received and finished with a ZERO quantity, the last reception was NOT reported to the supplier.

This would leave the supplier with an outbound delivery in status "Partially Received".

Reception Registrations with quantity = 0 should also be sent in Data Exchange.

### **POC: Transport Label - order info in Transport Label missing if the Order is not found**

When displaying a Transport Label - if a Despatch Line does not find a corresponding Inbound Order, the program searches no further.

Changes:

The order (or order lines) might be finished, thus they are also found in the corresponding FinishedXXX table.

If the order is totally absent (a rare case), the text "[NOT FOUND]" is added after the Order Id.

### **The shipment and reception times in order head was not correct when confirming in POC in Commission Call-off scenario**

The suggested times will now be the same as previously confirmed, not the original demanded.

### **Webshop - The shipment time is now correctly calculated from reception time.**

Webshop - The shipment time is now correctly calculated from reception time.

Production leadtime was previously included in the calculation, which was not correct.

It does not affect the calculation anymore.

# Release Notes Summary

## PipeChain 4.9.1



### **POC, Supply: Three errors in the Delivery Precision Report Screen**

- 1 - In the Web Supplier the screen did not limit to suppliers found in the user's WebUser configuration.
- 2 - Shipment data was not merged correctly with reception data, which caused erroneous results.
- 3 - Filtering by "Delivery Date" did not find exactly the expected records.

All three errors were introduced in version 4.9.1.

### **Duplicate package number changed behaviour in PW03 InboundDespatchAdvice transaction**

Package duplicates sometimes exist because the sending system sends multiple packages referring to the same pallet = same package number. This is not allowed in pipechain. Previously the transaction failed with an error message like: "MACom transaction processing error: Transaction number 191540 could not be processed. Duplicate Key, we already have such a record."

The behaviour is now changed so when a duplicate package number is detected, and the GoodsLabelType is 'G' or 'M' (both packages must have the same GoodsLabelType) the duplicate is ignored without any action.

Also improved the error message for when a duplicate package number breaks the business rules. Ex: "MACom transaction processing error: Transaction number 5385 could not be processed. Despatch Advice stopped. The Delivery Note with Id='1043707\_1' was stopped because more than one package had the same package number, PackageNo='7053636'. Despatch Advice was sent from Supplier '111095' to Customer '5560686577' at Site '5560686577'."

### **Production order lines where displayed twice in production order screen**

Production order lines were displayed twice in production order screen if the orderline product is a member of or two product groups. This error is now corrected.

### **SOC: Despatch notification was not sent when shipping an outbound delivery**

Despatch notification was not sent when shipping an outbound delivery. This error is now corrected.

### **Supplier Confirm on web - Copy new demand of cancel - corrected**

The function could in some cases give a null exception, which is removed.  
The customer change to quantity 0 is handled as cancel.

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 09

Release Date: 2013-04-05

#### **Auto-cancelling of orders with auto-confirm does not work in CS38 DeliverySchedules transaction**

The auto-confirm functionality in the CS38 DeliverySchedules transaction automatically confirms orders placed. When a line is cancelled, this is not automatically "confirmed", and even though the order line gets the correct status of "Cancelled", the Order itself would get the status "Change Requested".

This issue has now been remedied so the auto-confirmation of cancelling will yield the correct order status.

#### **CS38 DeliverySchedules transaction should treat forecaststatus 2 and 3 as 4 if no order reference exists**

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

#### **Correction in product definition (CS08) and delivery agreement (CS10) transaction.**

The SupplierManagedInventory flag is not considered for new agreements, only for updated agreements.

Several price ranges with price list info and date limits but without quantity limits are now allowed.

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 10

Release Date: 2013-04-11

#### **Added web client support for IE10 and Chrome**

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

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

#### **Cleanup of PriceRange corrected, regarding date check**

The background cleanup job can be set up to clean up price ranges where the valid to date has expired. This can be initiated by a setting on own site.

It is now considered to be expired if it is previous day. The time part is not used anymore. This means as example that a price valid to 2103-04-01 00:00 is valid that whole day if not time is used in the order.

#### **Enhancement of function för received delivery notes in sent delivery schedules**

The function for sending received delivery notes in delivery schedules didn't handle partial deliveries and delivery note could be detailed with quantity equal to 0. This has now been changes by updating the despatch row on goods receipt on the inbound side and then sending the despatch row data instead of the order line data in the delivery notes in the delivery schedule (PW39)

#### **Order lines, belonging to delivery agreement are not deleted automatically just because the delivery agreement is removed.**

It should still be possible to have a complete picture of an order where the goods is received after a delivery agreement for one of the products is removed.

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 11

Release Date: 2013-05-20

#### **Package sum check error Websupplier Create Despatch**

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

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

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

#### **PipeChain Client: Edit menu's line section not enabled**

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

#### **Issues on CS40 Purchase Order with autoconfirm**

Fixed the following issues:

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

#### **WebEDI: Deviation Text is truncated if it contains an apostrophe**

The entered string was saved correctly, but was truncated at the apostrophe when displayed. The problem was fixed specifically for Deviation Text, as a more general solution is not safe to apply in a released version.

# Release Notes Summary

## PipeChain 4.9.1



### **Analyzer: Problem when using linked servers**

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

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 12

Release Date: 2013-09-12

#### **Show additional Information in Outbound Order Detail (order lines)**

There is now the possibility to show Additional Information (Texts) on orderlines directly in the order line overview table(s) in WebEDI (POC). This functionality has previously only been available in the Webship (SOC).

To activate this functionality, please set the new selected property 136 to the values 1 or 2. "[136] Show Additional Information on order line. 0 = Do not show, 1 = General Information only, 2 = Show all. Default: 0".

#### **Customer change in new order in CS38 DeliverySchedules transaction**

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

This issue has now been remedied.

#### **Action on installation**

- 4470 får meddelande att order har blivit cancelerad fast vi redan mottagit ordern ??  
Vore bra om mottagna följesedlar kom med i nya planen, då kan vi se om de är mottagna eller annullerade

#### **Web user deadlocked at logout**

When logging out, a web user could sometimes hit a deadlock, that in rare cases locked the entire server. That problem is now fixed.

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

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

The correct behaviour that the check would be att order line level - the lines that are not yet fully shipped are permitted to be changed.

# Release Notes Summary

## PipeChain 4.9.1



### **Shipment time set differently when shipping goods that has been reported as "ready for shipment"**

Selected property 133 does now even affect shipment time and reception time when shipping goods that has been reported as "ready for shipment"

### **Order head information at Commission call-off was not always complete in PW01 at order change**

Additional information/General information was not written at order change.  
Customer/EndCustomer was not written at order change.

### **WebEDI: Solved problem with error handling after failed Create Despatch**

When a Create Despatch failed, the user would sometimes get an unrelated error message, with a reading something like:

"java.lang.NumberFormatException: Cannot interpret '2013-09-16+00%3A00' as a date and time. Try something like 2013-09-10 14:43".

This problem has now been solved.

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

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

The error was corrected.

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

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

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 13

Release Date: 2013-11-11

#### **Problems when entering confirm order web page caused by date in address**

There is a problem on entering the confirm order web page for users with simplified chinese or greek locale in the browser. Some characters in the date format causes problems. This issue has now been resolved.

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

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

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

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

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

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

#### **WebShop: Order lines could be created with demand dates set to 1970-01-01**

Order lines could be created with demand dates set to 1970-01-01 when confirming basket in web shop. This is now blocked, a message is displayed that demand receipt time/demand shipment time is not set.

# Release Notes Summary

## PipeChain 4.9.1



### PipeChain 4.9.1 14

Release Date: 2013-11-29

#### **WebEDI: Fixed problem when importing Forecasts**

Importing a Forecast with dates around the new year could fail because of a bug. That problem is now solved.

### PipeChain 4.9.1 15

Release Date: 2014-02-19