Release Notes Summary
PipeChain 2017

PipeChain
flow on demand

PipeChain 2017 01
Release Date: 2017-06-16

Easier to set up and view supplier/customer and site connections

It's now easier to set up and view supplier/customer and site connections. There is a new group "Supplier/Customer - Site Connections" in User Management view and User Setting view. If user has Server Admin privilege, then it possible to add remove suppliers/customers. Adding connection sites only requires privilege Configuring. Note when connecting to a site then is the user profile created automatically.

Another major change is that for an user with role "Own" then it's not needed or possible to create supplier/customer and site connections. Such user is always connected to all supplier/customer where exist a partner agreement for these sites that the user has a profile.

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

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

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PipeChain 2017 02
Release Date: 2017-09-27

Customer product node duration meter does not work.
Fixed that customer product node duration meter view in the web would not be displayed for users if there was any content in the grid.

Add time working with to the order XSL.
Added the variable time working with to the order XSL making an adminstrator able to configure order reports by the order's time working with configuration in the XSL report. If there is a delivery agreement the time working with is taken from the delivery agreement, else its taken from the business agreement. The variable is stored in the XSL in the Order element under the name TimeWorkingWith.

Additional information should be visible on row if item is visible.
Will now show additional information on the row in the order detail view even if showOrderInfo is zero if the item is visibile. Added goods label and goods label two additional information to the confirm order view in the web.

The default timelimit was used in the link even if the setting was applied when verifying the timelimit.
The default timelimit was used in the link even if the setting was applied when verifying the timelimit. Now the timelimit setting is used properly everywhere.

Error in confirmation, unchanged order lines were seen as changed and demanded a Deviation Code
The problem appears when SP1561-USEORDERLINECONFINFORMATION is set to "5 - Enforce Deviation Code for any change". Fortunately, this is a rare setting.
The problem was corrected.

Order was not set to Pending Approval when rejecting complete order
Order was not set to Pending Approval when rejecting order with button "Reject Order". This is now solved.

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Added contact person and short description to forecast views.

Added contact person and short description to the purchase forecast and the purchase forecast period views in the web.

The order lines that is split from was not always included in the CS05 transaction

The order lines that is split from was not always included in the CS05 transaction. This was the case when CS05 is send after reconfirm and the configuration is to only send CS05 for order lines that is changed.

Log users that change password policies.

Added user logging of users that changed password policy or expired passwords. Added debug logging of update of passwords or retrieval of passwords.

Use old WebStart location if no Java webstart location is specified in servlet.properties

Use old WebStart location if no Java webstart location is specified in servlet.properties.

Lantmännen easy despatch changes.

The "Easy Despatch" and "Easy Receive" web screens have got the columns "product name" and "shipped quantity" added. An "Are you sure"-dialog has also been added to the ship and receive buttons.
Use the CS97 transaction's "prepared quantity" to populate Prepared quantity field.

Change default webstart timeout to 90 days.

Change default webstart timeout from 10 minutes to 90 days.

Order view row was not always updated after confirm or reject

Order view row was not always updated after confirm or reject. This error is now corrected.

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Changes for setting password policy

The button "Change password policy" is removed from User Detail. The button "Expire all passwords" is moved from User Detail to Sever system settings. Buttons "Change password policy" and "Expire all passwords" is not accessible when staring client with Java Web Start.

Read body in incoming mail transactions.

Incoming E-mail transactions without attachments will now have their body read as a transaction if selected property 389's list of comma separated channel ids contain the channel's id.

Search in picker could result in no rows or less row than expected

Search in picker could result in no rows or less row than expected. This error has now been corrected.

PW02 are now stopped if the confirmed price change is not allowed.

PW02 are now stopped if the confirmed price change is not allowed. If the confirmed price of the transaction have a larger difference than the order's allowed price change the transasction is stopped. The allowed price change of the order is decided by selected property 42, ALLOWEDPRICECHG.

Avoid encoding issues when redirecting at expired passwords.

Avoid encoding issues when redirecting at expired passwords by enforcing HTML encoding regardless of platform setup.

Attachment name was displayed as "null" in order line view

Attachment name was displayed as null instead of the document name. It was neither possible to download the document from order line view. Another correction that is made is that there was a down load link even if ther was no document in Document detail view. These errors are now corrected.

Correction on propagation of "FirstConfirmation" flag from CS02 OrderResponses to PW05 OrderResponses

The flag isFirstConfirmation was not progated for OrderResponses concerning Replenisment flow.

This issue has now been resolved.

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Order status remain in status Change Requested" after confirm

Order status remain in status Change Requested" after confirm, it should be updated to status "Confirmed". This was the case when either "customer change" flag is set even if there are now real changes or when pressing button "Keep previous confirmed values" in "Customer has change the order" dialog.

Handle Purchase Order (CS40) transactions where shipments are in the future and no receptions.

Purchase order transactions (CS40) where the reception time is not set and the shipment time is given, set the reception time to the shipment time. When the shipment time is not set and the reception time is given, set the shipment time to the reception time. If neither shipment time and reception time are given then the transaction should be given a shipment and reception time that's the current time. Any purchase order lines that are to be created should be blocked if reception time occured before the shipment time.

General information, description and purchase information should be visible in delivery planner.

General information, description and purchase information were always empty in the delivery planner. They are now filled with the correct texts taken from the delivery text attributes.
Tillägg:

lägg till fälten också i All order lines och i Order lines to ship. borde finnas där också.

Print out order PDF in delivery planner.

In the delivery planner view in the web a user should be able to print out as a PDF the related order report of the visible deliveries. Added a button that will create the order report related to each delivery as a PDF.

Allow mail claims on finished inbound orders.

Allowed to also create mail claim notifications if the order is a finished inbound order.

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Added a SMI filter selected property to enable toggle of SMI filters.

Users with site admin privilege (or higher) will be allowed to set selected property 10031 FILTER_SMI to false. If FILTER_SMI is set to false than anyone in the web may see all products, regardless of if it's supplier managed inventory or not.

If it's true (which is the default behaviour) a supplier can only see SMI items, or items in transition to SMI (Set inventory responsible/pending for SMI).

A user with role Own can see all products, regardless of if it's supplier managed inventory or not at any time and is not affected by this setting.

Applies to Customer Product and Customer Product Duration Meters.

Screen Product specification files is not affected by this screen.

Please note that this selected property is set only on Business level with business key filled in. All other keys must not be filled in.

Update address details in PW39 by PartyId.

If a delivery schedule transaction, such as CS38, triggers a PW39, then if the transaction contains the operation attribute AddCustomerInfoOperation="true" or AddSupplierInfoOperation="true" PipeChain will add the corresponding party id address information to the transaction. The party id attribute that decide on what address that should be used may exist on the Customer, Supplier, ShipToCustomer, InvoiceToCustomer or DeliverToCustomer XML elements. If there's no party id or if the operation is false then the address will not be added to the nodes. The business node details of the address will be added to the node if there exist a business node that has the party id given address as a main address in the corresponding business type.

Allow viewing demand plans when a demand plan lack columns.

The demand plan view in the inventory chart on the web had problems when a demand plan lacked demand columns as the indices got corrupted. Made sure that the table is still presentable if a demand plan lack columns.

Add advanced and speed search to forecast delivery period.

Added advanced search and speed search to forecast delivery period. Updated search functionality to more modern standard and will now enable use of query parameters to define search.

Use edit fields instead of selected property 136.

Additional fields seen in extra rows, columns or cards should no longer be configured by selected property 136 (SHOWADDINFOONORDERLINE), but instead by the use of edit fields and edit view.

Action on installation

As selected property 136 is deprecated all configurations for all sites must be duplicated using edit fields and edit view instead, else additional information will disapear after the upgrade.

Claim registration mails should not be empty.

Claim registration mails should not be empty. Added ClaimMail in the node creation process in PipeChain.

Creating quantity barcode temporary files when generating delivery note.

Creating quantity barcode temporary files when generating delivery note, allowing customisation on quantity barcode in the document.

Users should be informed of what password policies that are broken.

Users are to be informed of what password policies that are broken if they fail to change password. Advice of a proper secure password is added to the change password dialog in the web.

Two errors in use case "Undo Service Level Error"

In PipeChain Analyzer, the Service Level KPI (Key Performance Indicator) is computed and saved daily for each Delivery Agreement.
Sometimes it is desirable to "change history", i e when the supplier was not at fault for some external reason.
Thus "Undo Service Level Error" can be performed - by an admin user - from the "Performance Report" screen in the PipeChain Client.

This could fail for two independent reasons
- an internal error stating "Invalid object name 'UserProfile'."
- a conversion error when the user used any "locale" with non-ISO date format, stating "String out of bounds".

Both errors were corrected.

Excel documents row number should not have an appended number at the end.

Excel documents row number should not have an appended number at the end. Removed the randomly appended one that was sometimes added to the end of the row number in exported Excel documents.

Add barcode for original order id and part number to transport label.

Added barcode for original order id and part number to transport label so can be used for customized transport goods labels.

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Use the correct formatting of dates.

The gross demand, delivery, delivery lot, despatch package sequence and reception delivery views had the wrong formatting of database stored dates, something that can cause issues when viewing said dates in the web. The correct formatting for database values is now used for those views.

Added configuration of code text to the barcode parameters.

In case users wants to be allowed to print code 128 barcodes while following code 39 standard to the text a new barcode parameter CodeText is added. For instance set the setting to the selected property BARCODEPARAMETERS, 1554, to CodeType=128&CodeText=39 to have the barcode to be printed out with a code 128 standard but with code 39 standard prefixes.

Deliveries that are not changed should be allowed to be confirmed.

Deliveries that have not been changed should be allowed to be confirmed.

Delivery report issues after roles changes.

Fixed issues in the delivery report in the web that appeared after roles changes. For instance that the report stopped working when a user clicked Update and that a user could not pick deliv id nor purchase order id.

Class cast exception when copying using a own or customer role.

Removed a class cast exception when deep copy using a own or customer role.

Changed week standard in web demand plan to ISO.

Changed the standard week in the demand plan in the web to use the ISO standard.

Use siteKey instead of siteId when searching in performance and delivery report.

Using siteKey instead of siteId when searching in performance and delivery reports, as else the reports would not work if a user changed the siteId of the sites. Now the reports will still work even if the siteId of the sites have changed.

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In the Performance Report screen 'Totals', Forecast Bias Order is computed incorrectly

The computed value did not match the values in the 'Lines' or the 'Graph'. The error was corrected.

Reports should use locale from own site.

Changed the locale and timezone used for printing time in the goods label, delivery note, invoice and order PDF reports to now use the locale and timezone of own site.

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

The current requirement of that a replenishment order should be completely shipped is too restricted for the users. Replenishment Orders should be able to be received if they are in status confirmed.

Possible NULL-pointer at Update KPI Tables

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

Use selected property 200 when shipping order lines.

Currently the selected property 200 is only used if shipping from inbound order. Use selected property 200, USEDESPATCHPACKAGE, when shipping order lines.

Show the updated percentage when confirming a confirmed order.

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

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

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

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Allow delivery precision confirm info texts longer than 70 characters.

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

Allow configuration to block changes on split when confirming.

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

Transport Label could fail

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

This could fail if the data contain characters that would not work in file names, e g "/". These are not illegal in e g Product Id:s.
The result would often be that some EAN code was missing in the label.
Now, file names are washed from such characters.

Extra rows editor should only be visible for server admins.

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

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

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

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

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

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Improvements for input of deviation information

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

(*) Explanation of SP 1561
1. "Not used" - The Deviation Text is not shown. The deviation code is not mandatory(default)
2. "Used" - The Deviation Text is shown and can be used. The deviation code is not mandatory
3. "Mandatory on reject" - A Deviation text must be entered when rejecting line. The deviation code is mandatory when rejecting line and if selectable codes exists
4. "Mandatory if change exceeds Deviation Limit" - A Deviation text must be entered when rejecting line or outside deviation limits. The deviation code is mandatory when rejecting line or outside deviation limits and if selectable codes exists
5. "Mandatory if changed" - A Deviation text must be entered when rejecting line or there exist any changes. The deviation code is mandatory when rejecting line or there exist any changes and if selectable codes exists

Coloring error for InitDuration and ResDuration

InitDuration and ResDuration should use the same color logic as other Durations.
For Outbound Delivery screens in the Web client, this was not entirely so - the "OK" case displayed "no color" instead of "green".

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

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

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

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

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Improved the way to receive order lines in the Desktop client

Added an option when right-clicking an outbound delivery in the java client to receive multiple lines by delivery note id. It is named "Receive Order Lines...". An input dialog will open and the user can enter a delivery note id. If the selected line has a delivery note id, the text field will be pre-filled with it. Once "Ok" is pushed, another dialog box will appear, informing the user about how many lines will be received. The user can confirm or cancel the operation. If the text field is empty, the user will instead get a dialog box informing the user that the delivery note id can't be empty.

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

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

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

Performance Report: column Act Dmd sometimes shows only zero values

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

Crash in screen Delivery Report

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

Added fields dmdTotalAmount and confTotalAmount

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

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

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

Allow create blanket order in Java client.

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

The rule setup for transport consignment statuses was to strict.

Adjusted rules for consignment status flow to comply with work process.

Display OrderText1 in Delivery Planner

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

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PipeChain 2017 03
Release Date: 2017-10-26

Deviation mail was not generated when an order line was split

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

The time part is now not visible when 00:00

The Consignment View will now show the dates without the time part if the time part is 00:00.

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

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

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

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

Confirm Information was not always saved

If a Confirm Order operation was performed, a Confirm Information text was added, and this was the only altered attribute, then nothing was saved to the server.
Thus, if confirming again, the Confirm Information field would still be empty.

The error was corrected.

Date Only in calls to Apport web service when booking transports

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

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Addresses for transport booking sent to the Apport web service controlleb by Selected Properties 10111 and 10112

What addresses to send to the Apport web service, when booking transports, can now be controlled with Selected Properties.
Use 10111 to control what addresses to use on the pickup side.
Use 10112 to control what addresses to use on the delivery side.

Deviation Information sometimes does not appear in MS02

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

Own users should be able to have supplier views as homepage.

Users with the role Own should be able to have supplier views as homepage in the web, the page should not be white and block the re-routing to supplier views if the user have role Own.

CS05 transaction should not be sent when rejecting an order and when Pending Approval functinallity is used

CS05 transaction should not be sent when rejecting an order and when Pending Approval functionality is used. In this case is the CS05 transaction sent when approving the reject of the order. This error has now been corrected.

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

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

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

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

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

Manual transport booking doesn't suggest an arrival time

The dialog for booking a consignment has been suggesting an arrival time, based on the transport lead time. It doesn't do that anymore, so the user can now change the pickup time only and need not worry about the arrival time.

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

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

Balance was missing in Gross Demand screen

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

Unnecessary shipment deviations could be generated

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

Hideable "Reject Info" column in order response deviation email

To show both Deviation Info and Reject Info is seen as redundant.
The new Selected Property 356 "Hide reject column in Deviation mail (true/false). Default is 'false'." is introduced.
If it is set to "true", the Reject Info column will be hidden.

Action on installation

If installed as a Service Pack in version 4.9.10, the file Mail.xsl also needs to be updated.

Transport Bookuing: Booking from screen Orders to Ship resulted in the wrong Delivery Recipient address

roblem is now solved

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

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

Allow removing deviation code at reject as server admin.

Allow removing deviation code at reject as server admin.

Limited issues of storing fields in reject dialog.

Limited issues of storing fields in reject dialog by changing the name of the link of the inbound order's reject dialog.

Invoice screen does not show any data

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

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

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

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

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

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

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

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Report screen "Totals" finds too many records

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

Outbound forecast history searching and headers fixed

The search function in UVForecastHistory has been fixed. You can now search for a Customer's Product Id.

In the grid view, since the Supplier Id column was actually showing the Customer Id, the placing of Supplier Id and Customer Id and the columns associated with them have swapped.
The same thing has been done in UVPurchaseForecastHistory. The headers Supplier and Customer have been swapped to match their values.

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

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

PW08 Consigmnet Response was not sent when processing PW07 Create Consgnment

PW08 Consignment Response was not sent when processing PW07 Create Consignment. This error is now corrected.

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

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

No more need to click button twice in the invoice view.

The invoice button no longer requires a user to click twice.

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

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

Create Invoice could fail

Occasionally, Create Invoice will fail with message "No Data".
This could happen if an invoice was created (by entering the Create Invoice dialog) but not sent.
Such an invoice could be removed by the system, and then the Depatch Lines still referenced the deleted Invoice.

The error was corrected.

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

A user that sorted by an deviation code and if the user removed said item afterwards with edit view caused the view crash. Removed deviation code from the search if the deviation code was not visible in the view.

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

We have now introduced a new Selected Property 285 - "Order Notification Mail source for Supplier, values 0 = from Supplier only, 10 = from Supplier if exists, 20 = from Order Contact only, 30 = from Order Contact if exists, 40 = always from both. Default is 0.".
In this version, only CS40 Inbound Purchase Order is affected.

Action on installation
The default value (from Supplier only) would suit most TOM installations.
Some installations rely on another setting (from Order Contact only OR from Order Contact if exists). These require Selected Property 285 to be set.

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

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

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

Loading of KPI tables fails
Loading of KPI tables fails.
The error message typically states that a NULL-pointer has occurred in method updateKPIDayCombinedTableOld().
The error was introduced i version 2017, where the aim was to find late delivery updates in PipeChainAnalyzer and allow these to update all KPI-tables (yes, a delivery update will affect all four KPI-tables).

Selected Property 110 Error (USEONEPACKAGEROW) fixed

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

Fixes for the all invoices in the web

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

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

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

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

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

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PipeChain 2017 05
Release Date: 2017-11-03

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

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

Update waybillNo of all despatches when waybillNo of a consignment is updated.

WaybillNo of all despatches is updated to the same new waybillNo of their consignment when waybillNo of a consignment is updated. The despatches that are updated are all despatches that share waybillNo and consignmentId with the consignment.

Split rows should activate change of time in confirm dialog.

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

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Release Notes Summary
PipeChain 2017

PipeChain 2017 06
Release Date: 2017-11-10

Deviation Mail (MS02) changes

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

Export to Excel has reduced memory footprint

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

Open up for long named settings object names.

Administrators could not toggle named settings that had longer named settings object names than 70 characters, now opened up for allowing up to 200 characters if the administrator use the alter script.

Action on installation

The following script must be run on the target database to allow editing object name with a long object name than 70 characters.

```
BEGIN TRY
BEGIN TRANSACTION;

ALTER TABLE SelectedNamedSetting ALTER COLUMN ObjectName NVARCHAR(200) NOT NULL
ALTER TABLE NamedSetting ALTER COLUMN ObjectName NVARCHAR(200) NOT NULL

COMMIT TRANSACTION;

END TRY BEGIN CATCH
  PRINT N'Altering object name - Failed: ' + ERROR_MESSAGE();
  ROLLBACK TRANSACTION;
END CATCH
GO
```

Removed offline functionality of webstart client

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

Inbound Order - Better performance when exporting to Excel

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

Release Notes Summary
PipeChain 2017

Order Lines to Ship - Performance

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

Update of flow model should retreive work days.

If a flow model is updated and a negative virtual flow is generated the work days calendar used for calculate the flow should be attempted to be retreived for calculations. If failed to retreive the work days calendar the model will throw an exception and stop the calculation.

Use supplier's timezone when retreiving closed days.

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

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

"Monitor Supplier Overview" shows a lower value for "Suggestions to Confirm" than the number of "Late Confirmations" found in screens "All Order Lines" and "Delivery Planner".
This occurred for order lines in status "Suggestion" that also had a "Late Shipment" remark.

Simple Search function temporarily removed from report screens

Temporarily removed the Simple Search setting and the Simple/Advanced buttons that controlled the search setting, and made the Advanced Search setting the default setting.

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Release Notes Summary
PipeChain 2017

PipeChain 2017 07
Release Date: 2017-11-13

Simple Search function temporarily removed from report screens

Temporarily removed the Simple Search setting and the Simple/Advanced buttons that controlled the search setting, and made the Advanced Search setting the default setting.
Temporarily changed the Reset button functionality to set Offset fields to 0 as well.
Made the reset button appear when any offset field is not 0.
Added Inbound and Outbound Performance Report to the list of displayable views in the Dashboard.

All Invoices screen was very slow for some suppliers

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

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Release Notes Summary
PipeChain 2017

PipeChain 2017 08
Release Date: 2017-11-15

Added more attributes to the CS65 transaction

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

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

Use safety and max balance for severity in delivery planner.

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

Simplify the setup of consignment status mail.

Changed the selected property CONSIGNMENT_STATUS_MAILS (388) to use the setting field as a comma separated list instead of a property values list.

Force refresh view when close modal in closed days.

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

Added description to selected property 388 and 389.

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

Added stauts mail notification to CS09 transaction consignment reader.

Added stauts mail notification to CS09 transaction consignment reader.

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

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

Invoice Line Fees were displayed on empty

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

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

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

Release Notes Summary
PipeChain 2017

The + button beside date in report screens temporarily hidden

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

Migrated mail sender configuration.

Migrated mail sender configuration of MP13 from 2017 R3.

Reminder mail section "Deliver to" is empty

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

Action on installation

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

Deviation mail does not display the "split" line

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

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

Fixed illegal null value error for OutDeliv.Contract

Delivery Schedule Transactions now won't give illegal null value error for column OutDeliv.Contract.

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

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

Closed readers.

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

Turned off FOP complex scripts.

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

Added invoice status to invoice overview.

Added invoice status column to invoice overview in the web.

Bugfix : Cancel Consignment when status is Saved.

Fixed a bug concerning Cancel of Consignments in status Saved. We ignored any error messages from Unifaun, and set the Consignment's status to Cancelled when we shouldn't.
The problem is now solved.

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

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

Some Transports were never found at Confirm Order

The error occured for a transport with a longer leadtime than other transports, i e it had an earlier Shipment Time but a later Receipt Time than another transport.
In this case the transport with the longer leadtime was never detected, and most often the Receipt Time was computed using the Lead Time.

Analyzer Poll could stop after saving Inventory and Delivery data

The problem occured because VERY large numbers of cancelled order lines could be generated by the Delivery Schedule transaction (CS38 or PW51).
These eventually built up to an amount of data that could fill the heap when clearing HistoryChanged flags after saving Delivery data.
This would cause the Analyzer Poll job to halt, and the only trace would be a printout in the log file.

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

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

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

Error at printout blocks files from being deleted.

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

Ship despatch consignment booker should take site in consideration.

Ship despatch view's consignment booker should take site in consideration when the consignment service list is acquired.

Release Notes Summary
PipeChain 2017

PipeChain 2017 10
Release Date: 2018-02-02

Received deliveries should show reception quantity.

In the web, received deliveries should show reception quantity, not yet received quantity and receptions if the delivery status is partially received or higher, regardless if the order have been shipped or not.

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

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

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

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

Improved the memory allocation when loading views

Improved the memory allocation when loading views

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

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

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

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

Delivery schedule transactions should not fail if shipmentDate is null.

Delivery schedule transactions in MACom should not fail if shipmentTime is null if there is a receptionTime or a PrefDelivDate in the transaction.

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PipeChain 2017

Added outbound forecast view to the web.

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

Added outbound forecast period view to the web.

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

Added technical information to the error dialog.

Added technical information to the technical details in the error dialog when a error have occurred in the web.

Handle quantities with different quantity separators.

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

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

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

Many tool tips are wrong in the outbound report screens

The report screens were originally built för the inbound case.
For the outbound case, necessary changes were made for visible lead texts, but not for tool tips.

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

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

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Performance improvement of inbound order view.

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

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

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

Better logging of failed logins

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

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

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

Action on installation

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

Inbound delivery overview should not loose database connection if changed site

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

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

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

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

It should be possible to set "Account Currency" (Selected Property 104) on the Supplier or Partner Agreement (i e Supplier x Site) level.
The property displays that it must be set on the Partner Agreement level only, which was very unfortunate since the code assumes that it is set on the Supplier level.
This has been changed so that it may now be set on ANY level, though Supplier or Partner Agreement level will be the most useful.

The setting was used for "Print Invoice", now it is also used for "Account Currency" in the "Create Invoice" dialog.
"Account Currency" (and "Rate of Exchange") is only displayed if it differs from "Order Currency". If currencies differ, "Rate of Exchange" is set to 0.0. This enforces the user to change it to the proper value.

Enable monitoring of negative outflow

Each PipeChain Analyzer poll computes "Real Outflow" as the difference in Balance plus incoming deliveries. This is
- stored in the Inventory fact table
- used when computing Forecast Accuracy (VMI)
- written back to "Real Outflow" in the products/buckets in PipeChain Supply

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

Whenever a negative Real Outflow is encountered, this is added as an "information" message to the Message Log, e g:
    Inventory Poll: Negative Real Outflow discovered in Site "EKM" for Supplier "Produktion", "", product "79852298-02", "". The Real Outflow value is "from Sales Data Report transaction", and amounts to -123 456 units.
A message can also for a "Customer", and it can also be "computed by PipeChain Analyzer".

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

Disallow negative Forecast (VMI)

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

If a negative forcast record is encountered, it will be changed to a zero quantity, and a warning message is added to the Message Log, e g:
    Negative Flow Period found. Flow Model in Site "EKM" for Customer Id = "", "70175", Product Id = "71742205", "" has got a negative demand replaced with zero.

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

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

Added a better error message if mixed timestamp types.

Added a better error message if mixed timestamp types at PW51 transactions.

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

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

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

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

Delete of Consignment and Despatch when Consignment Booking is used

This applies only to installations that use Consignment Booking.

- A cancel request is no longer sent to the Consignment Booking Provider (Apport) when a Consignment is deleted in PipeChain. This is clarified in the new detailed confirmation message that's displayed to the deleting user when he attempts a manual delete.
- Any associated Consignment is NOT automatically deleted when a Despatch is deleted manually.
- Any associated Consignment IS automatically deleted when a Despatch is deleted by the cleanup night job. No cancel request is sent to Apport.

Schema error in CS33 Outbound Delivery Finished

The error caused validation errors for "correct" transactions.

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PipeChain 2017

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Release Date: 2018-03-02

Outbound Forecast Delivery Period slow - Customer Filter not working
Upon investigation of performance issues in the web screen Outbound Forecast Delivery Period, it was discovered that the customer filter was not working.

This has now been corrected.

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

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

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

PipeChain Client: Dropdowns, Browsers, Dialogs et.c. on multiple monitors
Solved problem with various popup windows appearing on the wrong monitor in a multi monitor environment.

Fixed spelling errors and missing ' in PW02 error messages
Changes:
 - "OrderLine" -> "order line"
 - "ordeline" -> "order line"
 - Added missing ' to error messages.

PW02 error with IsSplitDelivery fixed
The PW02 transaction will no longer give an IsSplitDelivery write error when splitting a delivery.

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

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

Fixed null error in PW02

PW02 transacations will no longer generate a null error.

PW51 multiple receptions of same delivery.

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

Changed logging from system to timing of forecast period view.

Changed logging from system to timing of forecast period view.

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

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

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

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

Allow translation of extra rows.

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

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PipeChain 2017

Changes to edit view authorizations.

Fixed that a user should be able to edit Available to all users for an existing named setting (not possible to check if there is no existing saved view). Fixed that a user that does not have access to any change of Available to all users should also have Available to all users disabled.

To save a view as Available to all users the user needs to be at least Site Admin in current screen plus at least Site Admin in System (Module level).

Attribute SiteId added in the Sender element for outgoing transactions

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

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

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

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

Pending Approval: PW01 InboundOrders transaction sent on Restore Order and Cancel Pending Lines

Using the Pending Approval status functionality, the transaction PW01 InboundOrders is now sent on Restore Order and Cancel Pending Lines commands, respectively.

PW01 will be sent on all the channels that are refered to in the partner agreement.

Reception registration in PW51 OutboundDeliverySchedule can cause transaction to loop and fail

If a reception registration in sent in PW51 OutboundDeliverySchedule on a delivery that is present in the transaction demand element lista, the transaction will fail and with the cryptic message "Maximum transaction loop count exceeded".

This issue has now been resolved.

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PipeChain 2017

PipeChain 2017 12
Release Date: 2018-04-16

New roles for when shipment time and reception time is editable when updating a shipped despatch

From now on is shipment time not editable and reception always editable when updating a shipped despatch.
Before this change was this controlled by terms of delivery and selected property 41 and 133.

Fixed null error when changing shipment time for a shipment

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

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

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

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

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

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

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

AVLProbe login and MAComCheck.

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

Action on installation

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

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Negative durations in views

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

Cancel confirmed deliveries in the web

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

Fixed issue that blocked despatch while using despatch packages.

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

Increased security.

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

Action on installation

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

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Partner Product keys are now available in Report screens also when Delivery Agreements are not maintained
Originally, product data were fetched from the product (bucket) definitions and used in an OLAP dimension.

Since then
 - report screens have been introduced as an easy-to-access alternative to OLAP, also for supplier or customer roles
 - product data are fetched also from deliveries
 - partner product data was added (essential for users with supplier or customer roles), fetched from Delivery Agreement data

Now, partner product data is fetched also from deliveries. This means that e g TOM Suppliers will get an improved understanding of report screen contents.

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

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

Order Response transaction (PW02) did not always trigger change management
This error is significant only if "Pending Approval" is used.

The first time a PW02 is received, the order lines are in status lower than CONFIRMED. In this case, change management was not triggered and the order/line was not moved to status "Pending Approval" even if it was changed.
Subsequent PW02 will work correctly, because now the order lines will be CONFIRMED.

The error was corrected.

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Use case "Cancel 'Pending Approval' lines" did not work correctly

This error is significant only if "Pending Approval" is used.

Use case "Cancel Pending Approval order lines" had two errors:
- the whole order was cancelled, even if only a subset of the order lines were in status "Pending Approval"
- it created an incomplete outgoing order transaction (PW01). This contained only the cancelled order lines, which caused the whole order to be reported as cancelled

Now, the order is not cancelled if there are any remaining order lines.
Now, the PW01 transaction contains the whole order. Cancelled lines will have Operation=Cancelled. Other lines will have Operation=NotChanged. The order head will have Operation=Updated, unless the whole order is cancelled.

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

When reconfirming an order, the IKEA Industry specific M3 Converter will now write a PDDT element instead of a CODT element when converting a CS05.
The CS05 now also includes an new attribute showing if it is a reconfirmation.

Action on installation

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

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

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

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

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

Notes did not always show up in the overview screens

This affects overview screens that display "worst note", i e Own Products and Inbound Deliveries.
Brand new Notes (created AFTER the screen was displayed) did not always show up.
If the screen was visited at a later point, all Notes would show up.

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

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

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Release Date: 2018-05-09

Release Notes Summary
PipeChain 2017

PipeChain 2017 14
Release Date: 2018-05-14

Allow grouping shipment of inbound order lines by final destination

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

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

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

Increased loading and scroll speed for Inbound Order Overview Screen

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

Add buyer contact to order lines from their order.

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

Order number in beginning of subject in Order Confirmation Deviation Mail

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

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

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Reception time is now updated when changing shipment time in ship dialog

When changing shipment time in Create Despatch dialog then is also a new reception time calculated according to the actual transport lead time. This calculation is dome immediately in the dialog. Before was this calculation only made when shipping was done.

Inbound Order Repsonse: Error message from transaction error at price difference did not display enough information

Inbound Order Response (PW02): Error message from transaction error at price difference now follows Order Repsonse error message standard. Error in price difference now also prevents the order line from entering "Pending Approval" state.

Order Response and Despatch Deviation failure to send

Due to a bug introduced in a previous service pack (SP12), the Order Response and Despatch Deviation mail would fail when sent from an non-interactive source, like a transaction.

This issue has now been resolved.

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

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

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Release Date: 2018-05-21

More information can now be added to the Delivery Note of a despatch of an order

When shipping an order using the "Ship Order" button, you can now enter additional information for each order line e.g. FSC information. The input fields are hidden by default and can be shown by making the column "Information" visible through editing the view. The information entered in the input field will be shown in the generated Delivery Note.
The Delivery Note will now also show text which has been entered in the OrderText1 field in the Business Agreement for the order.

All the extra information mentioned above will also be shown in the CS48 transaction that is sent out when shipping an order.

The weekday of an extra transport could be erroneous

A transport's shipment time and weekday is presented in the shippers timezone, its receipt time and weekday is presented in the receivers timezone.
The weekdays were not always correctly computed.

Improved error message when there are duplicate Package No in CS03

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

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

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

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

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

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

Impossible to delete a Supplier Croup or Customer Group

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

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Release Date: 2018-05-30

Rounding error gives an extra package when creating packages

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

Deviation mail did not consider Selected Property 355 HIDE_TIME_DATA_IN_NOTIFICATIONMAIL

Added a new value to Selected Property 355 HIDE_TIME_DATA_IN_NOTIFICATIONMAIL:
<3> = According to time Supplier is working with
This setting will send deviation mail according to Shipment or Reception Time, depending on what time Supplier is configured to work with (Shipment Time, Reception Time or Terms of Delivery Code)

Added Gate information to Order printout

Gate information has been added to order lines in Inbound Order printouts.

Release Notes Summary
PipeChain 2017

PipeChain 2017 17
Release Date: 2018-09-13

Null-pointer in the ReceivingFinished transaction
Happens when a Delivery that has no assigned Order gets fully received, both transactional and manual use cases.

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

After shipping a part of the quantity, the remaining row would occur multiple times
The remaining row would occur as many times as a shipping was made due to an unfortunate JOIN when reading from the database.

Bugfix: Group shipment by Final Destination
Correction of default value for selected property [10032] Use final destination when grouping deliveries for a despatch. Default value is false.

Deviation on shipment time was not always triggered
Deviation limits on Shipment/Reception Time at Confirm were sometimes overwritten by Despatch deviation limits in the internal cache.

Minor errors in Delivery Report presentation
Three independent corrections:
1 - "Demand Receipt Time" did not display the correct value
2 - In the Java screen, many columns were not sortable (mainly shipment/receipt dates)
3 - "Announced Rcp Time" was displayed as "Rcp Time" (there is also an "Actual Rcp Time")

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

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

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

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

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

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

CS06 Reception Registration: Duplicate key error

CS06 Reception Registration now handles the case when there are several receipts of one delivery/order line in the same goods reception transaction.

The IsUnique property is not enforced in all use cases

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

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

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

This issue has now been resolved.

Analyzer Poll for Delivery Forecast could not handle transaction conflicts

Transaction conflicts (simultaneous update to one object) can occur. They are generally handled by repeating the update that came last - and failed.
When saving Delivery Forecast to PipeChain Analyzer, this function did not work as expected. The error was corrected.

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

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

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

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

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

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

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

Action on installation

Before this correction, it was possible to create more than one Deviation Code object with the same Deviation Code string.
This was not an intended "feature" and I have now ruled this out, so now the Deviation Code string functions as a key.

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

Changing from All Sites to a single site, in the web client's site selector, could lead to an erroneus filtering.

There was an error in the web clients site selector. Under certain circumstances an erroneus filter condition was set when the user changed from "All Sites" to a single site. The problem is now fixed.

Contact Name now searchable and sortable in All Order Lines screen

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

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

When confirming a transport in the Delivery PlannerConfirm, Purchase Order Id will longer be overwritten with Replenishment Order Id.

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

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

New selected property to limit the ways of creating and booking consignments

A new selected property #1029 has been added, named CONSIGNMENT_LIMIT_ACCESS_TO_CREATE. When set, it limits the ways the user can create and book consignments.
0 = No limit (default).
1 = User can only create and book consignments via the Consignment and Consignment Service screens.
2 = User can only create and book consignments via the Create Despatch and Ship Despatch screens.

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Release Date: 2019-06-13

WebShop order screens fail if user try to sort on customers Delivery Address Id
The error would cause a "Failed to open a database cursor"-error, which made the order screens impossible to use.
Since the sorting order has been saved, the problem cannot be solved as a SP upgrade only, the erroneous record must also be deleted from the database.

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

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

The customer selector does not work in screen "All Finished Order"
Regardless of selected customer "All customers" would appear. The error was corrected.

CS05 InboundOrderResponses sends duplicates of AdditionalInformation
There is issue where CS05 InboundOrderResponses can send duplicates of AdditionalInformation elements. This issue has now been resolved.

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

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

CS40 error message improved
When an Inbound partner agreement is missing, the CS40 transaction will now generate a more informative error with Site Id and Order Id.

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Error messages from PW02 and PW03 enhanced

Error messages that come from PW02 and PW03 has enhanced with more information and will now show Supplier info, Prod Id and Site Id.

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

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

Analyzer Poll background job could execute longer time than expected

Background:
Deliveries in pipechain can have "late changes" for several reasons, e g invoicing was made or the delivery was backed from finished to active.
Such changes have been handled by PipeChain Analyzer for a long time, but they were NOT handled when updating the KPI-tables (these are used for Report screens and Management Dashboard screen).
From version 2017, this was handled also in the KPI-tables.

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

Consignment booking with payment code C

There is no longer any specal handling for payment code C when booking Consignment via Apport/Unifaun

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

Both errors appeared for products with multiple suppliers, and both errors prevented the flow model from being updated.
The transaction conflict could also cause some performance issues (slow transaction execution) when appearing frequently.

Deviation Code was not handled correctly in the Ship Order dialog

If a Deviation Code had been added at Confirm, it did not show up in the Ship Order dialog.
If a new Deviation Code was added in the Ship Order dialog, it was not saved.
The errors were corrected.

Editable web client row fields may turn grey/invisible

The problem occurs in Chrome but not in Windows Explorer. It started to appear in early november 2018 in all PipeChain versions.
It occurs in dialogs with a header and lines at the bottom, whenthe lines get close to the bottom of the browser window – regardless if the dialog is moved down or if the head contents of the dialog are made larger.
Text fields (editable or not) are unaffected, but fields with buttons (e g "Tasks", "Shipment Time", Deviation Code") become grey/invisible. Interaction on the fields is still possible, and when you interact the fields may be briefly visible.

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

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

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

DeviationCode handled erroneously in both Confirm and Ship

Confirm: if ONLY DeviationCode was changed, the change was not detected and nothing was saved.
Ship: the field DeviationCode was handled correctly if the field was visible, but gave a NumberFormatException if it was hidden and also contained data.

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Sometimes Cancel Order cannot be performed

Although a Deviation Code is entered, the system still demands a Deviation Code.
The error appears if the order line has a previous Deviation attached:
 - if this Deviation already has a Deviation Code, Cancel Order will execute, but the order line will be saved with the previous Deviation Code.
 - if this Deviation has no Deviation Code (saved with a "Deviation Code is required"-flag, possibly when system settings were different), Cancel Order cannot be performed.
The error was corrected.

There is a workaround if you have an earlier revision:
If you first Confirm the order with the desired Deviation Code, you can then Reject the order with the same Deviation Code.

DeliverySchedule transaction CS38/PW51 without order line identity

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

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

This error could occur if a Devation Code was entered at confirmation, and Deviation Code is not used at shipping.
The system would see a change, which would trigger a Despatch Deviation email (MS02), but no change would be visible (i e nothing yellow) in the email.

Confirm could fail with a null-pointer error

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

Order is now set to pending approval when an order line is cancelled

When a supplier cancelled an order line with order response (PW02) the order was not set to pending approval. This is now corrected.

WarehouseId added to Inbound Receiving Response PW66

WarehouseId has now been added to Inbound Receiving Response PW66

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

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

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

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

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

A new selected property activates the functionality above if set to true.
[1080] Split order line on partial shipment. If true and desadv qty is less then order line qty then is order lines split in two parts

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

Possible to use added control logic for Customers Product Id, Suppliers Product Id and EAN No in transactions

A new Selected Property is introduced: "(1075) Specify if PW02, PW03 and CS80 should verify Product Id and EAN No, and possibly update these values. Setting: true, false. Default: false".

If set, added control logic is added to the following attributes:
- Customers Product Id
- Suppliers Product Id
- EAN No

Logic is added so that the responding transactions will
- fail if these attributes mismatch in comparison to the order transaction: However, values in transactions may be empty as long as all three are not empty
- allow identification using Suppliers Product Id or EAN No or both
- set the Suppliers Product Id or EAN No attributes if they were empty in the order transaction

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

Selected Property #391 has been added. When a Order Confirmation Deviation mail is sent out, the setting of SP #391 controls the subject of the mail.
If not set, the default subject of "Order Confirmation Deviation from supplier..." will be used.

A Deviation Code added at Confirm could be erased at Ship

If a Despatch was Created, then Shipped, Deviation Code would be overwritten with "No Deviation Code".
The error did not occur if a confirmed order was shipped directly (i e without "Create Despatch").

Correction of date handling when partly confirming

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

CS80 did not find the split order lines

When splitting an order line the two new order lines was stored in the database in incorrect order, resulting in the CS80 trying to handle one of them twice which caused the error.

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