

PipeChain Release Notes 4.9.1

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1 WELCOME

PipeChain is a software system that automates the flow of goods between companies, in production, between production and sales within a company.

Website: www.pipechain.com

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NOTICE

Information in this document is subject to change without notice.

2 UPGRADE TO VERSION 4.9.1

Here are actions for what to do before installation of PipeChain 4.9.1. Document describing how to install PipeChain 4.9.1 can be found at Customer login at www.pipechain.com - [Flow on demand](#) at customer login.

2.1 Actions before upgrading to PipeChain 4.9.1

Before upgrading to PipeChain 4.9.1 from a previous version than 4.9.1, please follow the instructions in release notes for all previous releases of PipeChain that you need to check. See www.pipechain.com at Customer login for earlier release notes.

PipeChain Analyzer 4.9.1 does NOT support SQL Server 2000. SQL Server 2005 or SQL Server 2008 or SQL Server 2008 R2 is required.

3 RELEASE NOTES PIPECHAIN 4.9.1

Release notes is a list of all new functions made in PipeChain 4.9.1. The list also includes all new functions and corrections delivered in service packs in PipeChain 4.9.0.

Please notice that this list is not updated after the release date of 4.9.1. Any new service pack in PipeChain 4.9.1 created after the release date of 4.9.1 is not included but can be found at www.pipechain.com, Customer login/Documentation/4.9.1/Service Pack Notes

3.1 New functions and improvements in 4.9.1

4.9.1	POC, Delivstatus Change Requested Triumphs all other statuses	There is a confusion on which derived order status that is the result of an change request, when the orderlines are of different status: The desired application behaviour is that if any order line is Change_Sent or Change_Requested, the order status will be that status. This means that an Order with one line Shipped and one line Change Requested, will not be Partially Shipped, but Change Requested. This is now implemented on inbound (suppliers outbound).
PipeChain 4.9.1	Quantities for reception in PW39 was not correct	Quantities for reception in PW39 is not correct. Original qty and reception qty whre mixed up. This is now corrected.
PipeChain 4.9.1	WebShop: Claims	WebShop has a new system, where Claims can be registered against order lines. The system requires a License.
PipeChain 4.9.1	POC, WebShop: Deviation on Shipment or Receipt Time was inconsistent with respect to time resolution	The limits for Deviation on Shipment or Receipt Time are specified using day resolution. The dates in the Deviation email are presented using day resolution. However, the Deviation email date comparison could raise a Deviation for a hour/minute differense if Selected Property 111 "Use Time Part" was set to TRUE (default = TRUE). Now, the Deviation email date comparison no longer use the time part.
PipeChain 4.9.1	POC: Changes to standard printouts	Invoice: - A placeholder is inserted if Suppliers Product No is missing. This means that a long product description does not overwrite anything. - The Variant column is hidden. - The rows are aligned better. Delivery Note: - The first column now displays "Delivery Row No" from the despatch. - (Buyers) Order Line was moved from the first column to a position just below the Order No. The row suffix is displayed for split rows. - The document title for the Swedish version was changed from "Leveransavisering" to "Följesedel". - The Order No

		column was made wider, while the No Of Packages column was made narrower. - The rows are aligned better.
PipeChain 4.9.1	The invoice printout is generated if the invoice is created from a transaction (CS80) as well, not only from POC web.	The PR80 Transaction has to be assigned to a channel.
PipeChain 4.9.1	Supply Client: Performance improvement in the PipeChain Supply Overview screen	The PipeChain Supply Overview screen, which is the first screen you come to after login, sometimes suffer from poor performance. Depending on the number and state of Inbound Deliveries, the screen could sometimes take several minutes to load. That problem is now fixed.
PipeChain 4.9.1	Delivery Terms should be printed also from Joined despatch	Delivery Terms should be printed also from Joined despatch as from now on is always order lines from the same delivery term code.
PipeChain 4.9.1	The despatch advice (CS48) generated from supplier integration (PW03) is corrected	The supplier Id in CS48 is corrected to the value known by customer.
PipeChain 4.9.1	POC, VMI: SP355 Hide Time Data was not applied in some cases	Selected Property 355, "Hide Time Data in Notification Mail" may be used if the mail recipient is not interested in both Shipment and Receipt times in Notification and Deviation emails. The property was not applied in some cases where it should have been applied, e g if an a Notification after an order was changed by the customer. The error was corrected.
PipeChain 4.9.1	Default values for selected properties for use mail cc has been changed	Selected Properties 304 Use notification mail cc, 316 Use deviation mail cc and 346 Use remainder mail cc's default values have been changed from true to false, to better comply with the behaviour of the other "Use mail cc" selected properties.
PipeChain 4.9.1	Checks in the Web interface Despatch screen, print of package sum	Removed default focus on "Ship Despatch" button which caused the button to be clicked whenever the user pressed Enter. There is now a check that does not allow you to deliver if the rows Qty to Deliver and the sum of Package Quantities for that row are equal, if you are using packages. Despatch package quantities are now summed up and printed on the deliver note if there are more than one package.
PipeChain 4.9.1	POC: Note field in Despatch screen	The Note field in the Despatch screen is now properly marked with an asterisk (*), to indicate that it's mandatory. The field also keeps entered value when performing operations on the Despatch.

PipeChain 4.9.1	Automatic Purchase order Line Id in Webshop.	The Purchase Order Required field in the Customer Detail / Advanced folder is extended with a new value called 'Unique Purchase Order Id Auto Line Id'. When the user is 'shopping' and this is set he either has to key in unique Purchase Order Line id on every line or leave them all empty. If all are empty, the Replenishment order Line id is used instead.
PipeChain 4.9.1	VMI: Possible to receive email notifications in more outbound cases	Before, the standard email notifications for outbound Confirmation and Despatch were configured on the PipeChain "User". This handles the WebShop cases but not VMI orders which are created by PipeChain Supply without any Order Contact User. In addition to this it is now possible to send Confirmation and Despatch emails to the Partner Agreement contact. The function is controlled by two Selected properties "290 - Generate Notification Mail for Confirmed Outbound Order using mail address from Partner Agreement Contact. Settings: 0 = never, 10 = only if order contact is missing, 20 = always" "291 - Generate Notification Mail for Despatched Outbound Order using mail address from Partner Agreement Contact. Settings: 0 = never, 10 = only if order contact is missing, 20 = always" Emails are triggered both by transactional response (CS02 - Outbound Order Response, CS03 - Outbound Despatch Advice) and manual response in the PipeChain Java Client. The email information is somewhat changed: columns "Delivery Note Id" and "Delivery Complete" are added to the Despatch message the order type ("Purchase" or "Replenishment") is displayed in the mail header Sales Order Id is displayed if it exists the Comment column is suppressed in the Replenishment case since Customer Order Id is absent in the Replenishment case, BOTH Customer Order Line and Replenishment Order Line are used for sorting the rows
PipeChain 4.9.1	Google Analytics - web site traffic analysis	The web application is now prepared for Google Analytics, which is a tool for analysis of web site traffic.
PipeChain 4.9.1	SOC, WebShop: New screens for customer's forecast	The customer's web interface contains two new screens for displaying and, in some cases, update the customer's forecast
PipeChain 4.9.1	POC: If attributes were not editable, Order Changes could not be correctly Confirmed	If an order is changed by the customer (CS40 Purchase Orders), the change can be accepted in the supplier web interface for Confirmation, and then the customer changes are displayed in the screen as both

		<p>"demand" and accepted/confirmed" values. If the newly changed attribute was UNEDITABLE in the screen, it would not be used in the Confirmation operation. This would result in a saved/confirmed order line with some old attributes erroneously remaining. Possibly an erroneous Deviation email could also be sent, or an erroneous warning or error dialog could appear. A Price difference could yield an error dialog, which would make the Confirm operation impossible. The error was corrected.</p>
PipeChain 4.9.1	POC: Possible nullpointer error was corrected	<p>An input error management structure was in some situations used before it was initialized. This would cause a null-pointer error in class WebsupplOutOrderServlet method executeBP_ConfirmOrder() line 607 modifINC.frTempStorage.put() The error was corrected.</p>
PipeChain 4.9.1	POC: Confirmed Price was not affected by Price Conversion	<p>If supplier and customer use different currency, a price conversion can be applied to the presentation in the web supplier interface. Due to an error, Confirmed Price was not affected by Price Conversion. The error was corrected.</p>
PipeChain 4.9.1	POC: Price or Discount deviation could appear after a customer Order Change even if the new values were confirmed without change	<p>Price and Discount deviation relies on that the previously confirmed values are saved. In the case where a customer Order Change (transaction CS40 Purchase orders) was accepted by the supplier, these values were not updated. The error was corrected.</p>
PipeChain 4.9.1	Production lead time was set to transport lead time when processing Flow Mode CS21	<p>Production lead time was set to transport lead time when processing Flow Mode CS21. This error is now corrected.</p>
PipeChain 4.9.1	Outgoing Transaction PW39 DeliverySchedules - Added Supplier Element	<p>The supplier element in incoming transaction CS38 DeliverySchedule is not propagated to the outgoing transaction PW39 DeliverySchedule, as the PW39 already had a supplier node higher up in the transaction structure. But the supplier information is needed in PW39, so we now propagate the supplier node from CS38 to PW39.</p>
PipeChain 4.9.1	Transaction CS38 DeliverySchedules should use Customer.ContactPerson as Order Contact Person	<p>If any order is created or updated from a deliverieschedule transaction, they will use the element Customer.ContactPerson as the orders contact person.</p>
PipeChain 4.9.1	Changed warning and error handling	<p>The ShippedFirmOperation attribute has been extended with the following values "QuantityIsDemandNoWarning" and "QuantityNotYetReceivedNoWarning". The rules for</p>

		transaction beeing processed with errors, warning, and ok have been changed to the following: With Error: Only if you explicitly try to make an change of lines that you are not allowed to due to processing flags the transaction will be processed "With Error". As long ShippedFirm operation is not "No Update", and we don't throw errors when trying to change a shipped or partly shipped orderline. With Warning: In all cases where you do something that is not permitted, the transaction will be "Processed with Warning." Quiet: If your processing flags are of the "... NoWarning" - type, no warning will be logged If you get a bad error, ie "Processed Error", these rules have not been changed.
PipeChain 4.9.1	The component will only appear once in the cathalogue hierarchy	The CS08 Product Definitions and CS49 CathalogueDefinitions is completemeted with an operation status called InsertUnique which will ensure that the product only is refferred once from a cathalogue in the business.
PipeChain 4.9.1	Database statement is not always closed when processing CS06 Receiving Advice	Database statement is not always closed when processing CS06 Receiving Advice. This was the case when continue to receive on an existing finished inbound delivery. This is now Corrected.
PipeChain 4.9.1	Webshop: Notifications are managed on the "outbound" side of a Commission Order	Before there was no notification management on the "outbound" side of a commission order. A possible workaround was to add customer email addresses in the "inbound" side of the commission order, however this did not always yield the desired result with respect to e g "Delivery Recipient", "Order Line Id" and "Product Id". Now all notifications work the same way for outbound commission orders and other orders, and are activated per User: - New Order - Order Confirmation Deviation - Order Confirmation (all) - Despatch Deviation - Despatch (all)
PipeChain 4.9.1	Delivery Agreements for same Supplier plus Suppliers Product Id in all Sites in a Business	It is now possible to define Delivery Agreements for the same Supplier and Supplier Product Id in every Site of a Business.
PipeChain 4.9.1	Order Lines with status Change Requested was shown in screen Ship Order Lines.	Order Lines with status Change Requested was shown in screen Ship Order Lines. This is now corrected.
PipeChain 4.9.1	Web Shop: Possible to export and import forecast for web customers with Excel documents.	IIt is now possible to export and import forecast for web customers with Excel documents. Export and import can be done in a new screen "Forecast Horizon Overview" in the Web Shop. A Outbound Delivery Schedule Configuration must be created before any

		<p>export and import is possible. The Outbound Delivery Schedule Configuration is created when receiving delivery agreement information for customer product. The exported Excel document is according to PipeChain defined format. Each row in the Excel sheet has following columns: 1. Customer Product ID 2. Customer Product Variant 3. Supplier Product Id 4. Supplier Product Variant 5. Demand quantities for all forecast periods as configures in new screen Outbound Delivery Schedule Configuration in PipeChain Client. The Excel sheets for Import to PipeChain must have the same structure as the Excel sheet created by Export. All products and forecast periods according to selected Config Name (Outbound Delivery Schedule Configuration Name) must be populated to be able to import a new forecast into PipeChain. For more information see release notes items about updating Delivery Schedule Configuration with transaction and functionality in screen Outbound Delivery Schedule Configuration.</p>
PipeChain 4.9.1	The delivery schedule configuration can be set from the product definition transaction CS08	<p>DeliveryScheduleConfiguration is a new keyword below OutboundDeliveryAgreement. Attributes are Name, ForecastIntervalMode and ForecastHorizon, the values can be updated in the Java client and is used in the Outbound web forecast screen.</p>
PipeChain 4.9.1	Delivery Schedule config is viewed in the delivery agreement	<p>The delivery schedule config name, expire date and 'is active' is viewed in the outbound delivery agreement in the advanced folder.</p>
PipeChain 4.9.1	SOC, Webshop: New functionality for Customer Forecast (Delivery Schedule)	<p>... .. New screen for "Outbound Delivery Schedule Configuration" Outbound Delivery Schedule Configuration is normally populated by transaction CS51, but it is also possible to view and create/alter configurations from the PipeChain Java Client. Configurations may only be deleted if they are not in use.</p>
PipeChain 4.9.1	POC: Calculated Receipt Time remains after an error at confirm order	<p>When confirming an order, the calculated line Receipt Times would sometimes fall back to their original values after an error. That problem is now fixed.</p>
PipeChain 4.9.1	Analyzer: Deliveries and Orders are sometimes not saved with the proper Delivery Responsibility	<p>If Delivery Responsibility was set to "From Terms Of Delivery", this value was saved to the Analyzer. Such records are counted in the Delivery Precision KPI, it needs either "Until Shipment" or "Until Receipt" responsibility. The correct behaviour (decide responsibility from the settings of Delivery Responsibility AND Terms Of Delivery on Site, Partner Agreement, Delivery Agreement and Order)</p>

is now implemented.

PipeChain 4.9.1	Changed behaviour and buggfix in CS38 DeliveryScheduleTransaction	The functionality has been changed from removing all cancelled (Demand Quantity = 0) Forecast Rows regardless of ForecastScheduleOperation (ReplaceProduct/ReplaceAll), to only remove forecast Rows for the actual product, if ForecastScheduleOperation="ReplaceProduct". The new functionality is according to (existing) documentation. Also fixed a bugg where a confirmed or partially shipped delivery could loose its status.
PipeChain 4.9.1	Automatic confirmation of purchase orders	Now it's possible to set automatic confirmation of purchase orders orders on site level. Before it was only possible to define on inbound partner agreement level.
PipeChain 4.9.1	Shipped deliveries was not included in Partner(customer) Resulting Balance in screen In & Out Deliveries	Shipped deliveries was not included in Partner(customer) Resulting Balance in screen In & Out Deliveries. Only quantity from confirmed deliveries are used for accumulating partner resulting balance. This is now corrected.
PipeChain 4.9.1	Order change notification was sent even if nothing was changed in order or in order lines	Order change notification was sent every time a new CS40 was received and the order this already exist in PipeChain. This is now changes so that the change notification is only sent if some data are changed on order or order line.
PipeChain 4.9.1	Additional suggestion could sometimes be created	An additional suggestion could sometimes be created even if demands was covered without this suggestion. The error is now corrected. This is a roll back of changes made in PipeChain 4.8.0.
PipeChain 4.9.1	Database access hangs in Socket Read	Long running database access could cause the server to hang idefinately. Most likely caused by sockets timing out. Problem solved by turning on the drivers socketKeepAlive flag.
PipeChain 4.9.1	POC: Missing default TermOfDeliveryCode could cause errors	If there is no was no default TermOfDeliveryCode defined under site, the processing might crash. Not that this is only if TermsOfDelivery is used and no valid termsofdelivery is present in the order. This issues have been remedied. Also improved internal logic for finding TermOfDelivery.
PipeChain 4.9.1	POC: Several problems concerning Delivery Precision screen and Invoicing	1 - The screen is visible in both the Java and Web clients. In the Java client, a "data compression" setting is available, which shows fewer bars. In the Web screen there is no setting. Here the setting is changed to "Show All". 2 - The label "Delivered Price" is unnatural and changed to "Invoiced Price". 3 - Since invoicing can occur both before and after

		goods receipt, delivery data is now updated to PipeChain Analyzer also when an invoicing occurs. 4 - The correctness of "Demand vs Invoiced Price" and "Confirmed vs Invoiced Price" are significantly improved since "not yet invoiced" deliveries are omitted from the data.
PipeChain 4.9.1	POC: Transport Label - the "Date" is changed from "Print Date" to "Shipment Date"	This change was made on the standard Transport Label as well as custom Transport Labels.
PipeChain 4.9.1	Auto Send Lower Limit in Delivery Suggestion Detail/Advanced was not populated with data	Auto Send Lower Limit in Delivery Suggestion Detail/Advanced was not populated with data. This error is now corrected.
PipeChain 4.9.1	Demand values was sent instead of actual values in CS71 and CS72	Demand values for quantity, shipment time and reception time was sent instead of actual values in CS71 and CS72. This is now corrected so actual values (confirmed values) are sent for replenishment order. For other Delivery Types like purchase order are demand values sent.
PipeChain 4.9.1	WebShop - test that all products in an order has prices from the same price list	If the property 10025 is set to true, the price list number is shown last in the price range. The price list number also has to be equal to be able to confirm the order.
PipeChain 4.9.1	Order Line status was not always correct after cancelling Despatch when shipped more then confirmed	If shipped quantity is greater than confirmed even after a despatch is cancelled then should the status still be shipped, partly received. It can also be set to Recived after cancelled the despatch. This is not corrected
PipeChain 4.9.1	POC, WebSupplier: Deviation Limits - continued	In addition to the standard edit/new/copy/delete-functionality, the Deviation Limits also support a Template function. In the "Deviation Limits / Settings" part of the Deviation Limit Screen or Partner Agreement Detail Screen, you can select "Put Settings to Template" or "Get Settings from Template" from the popup menu. First you "put" (all) the settings from the context you wish to copy, then you move to another context and "get" the Template settings. You can "put" settings from any "scope" (server, business, site, site + partner type, partner agreement) and "get" them in any other scope. The Partner Agreement Detail Screen may display settings from various scopes, here only settings defined in the partner agreement scope are "put", other settings are not affected. After a "get", a dialog box will display the number of added settings as well as the number of overwritten settings. The Template is actually saved

(in the database) as any other Deviation Limit. Thus it is visible in the Deviation Limit Screen, and a Server Administrator may edit it as any other Deviation Limit. This also means that the same Template is shared for all users, so it is not advised that two users edit Deviation Limits simultaneously.

PipeChain 4.9.1	Min quantity did suddenly change value in OutDeliv Detail	Corrected
PipeChain 4.9.1	POC, WebSupplier: Deviation Limits	<p>The following Selected Properties have been removed and replaced by the new object Deviation Limit: - 317, Quantity change threshold [percent] for Deviation Error, and generating Deviation Mail - 318, Receipt Time change threshold [days] for Deviation Error, and generating Deviation Mail - 319, Shipment Time change threshold [days] for Deviation Error, and generating Deviation Mail - 321, Price change threshold [percent] for Deviation Error, and generating Deviation Mail - 322, Price change threshold [amount] for Deviation Error, and generating Deviation Mail - 323, Discount change threshold [percentage points] for Deviation Error, and generating Deviation Mail In Deviation Limit, these settings have become a bit more flexible: - all limits may have two different settings for changes "up" or "down". For "time" settings, a later date is considered "up". - there are independent limits for different use cases [Confirmation, Despatch, Invoice] The currently used settings are thirteen: - Confirmation Quantity (%) - Confirmation Shipment Time (Days) - Confirmation Reception Time (Days) - Confirmation Price (%) - Confirmation Price (absolute) - Confirmation Discount - Despatch Quantity (%) - Despatch Shipment Time (Days) - Despatch Reception Time (Days) - Invoice Quantity (%) - Invoice Price (%) - Invoice Price (absolute) - Invoice Discount The settings are used for Deviation Emails, Deviations (see other 4.9.1 Release Note) as well as for Severity (color) setting in screens. The Deviation Limits are managed in a new screen in the PipeChain Java Client (the "Cog Wheels"). As before, it is possible to specify settings on a basic level (e.g. Server, Business or Site) and override them on a more specific level (e.g. Site or Partner Agreement). You must have Configuring Privileges to edit settings on Site level, Administrative privileges to edit settings</p>

		above Site. The Deviation Limits are also displayed per Partner Agreement, with limited editability.
PipeChain 4.9.1	Inventory Activity exempted from nightly cleanup	Inventory Activity is now exempted from the nightly cleanup. Inventory Item is, on the other hand, now purged every night (it was earlier mistakenly exempted instead of Inventory Activity).
PipeChain 4.9.1	Date parsing rejects out of range elements	Date parsing is no longer lenient for out of range date elements. E.g. "Jan 32" is now rejected, rather than interpreted as "Feb 1".
PipeChain 4.9.1	Validate invoice totals before accepting a CS80 Invoice transaction	You can now validate the invoice totals of incoming CS80 Invoice transactions. The total submitted in the InvoiceHead.InvoiceTotals are compared to the calculated values of all rows, fees and taxes. A invoice that is not valid, fails the entire transaction with an error message. You enable this functionality by setting the value of Selected Property 71 "Validate invoice totals before accepting a CS80 Invoice transaction. Values: false (default) or true" to true.
PipeChain 4.9.1	Web Services is now distributed in an own zip file	PipeChain Web Services (at the moment only used for Dynamic Role Center) are now distributed in an own zip file webapp_WebServices.zip. For the web app there are now three zip files: 1. webapp.zip - Mandatory 2. Webapp_WebStart.zip - Optional, is a Add On to webapp.zip 3. Webapp_WebServices.zip - Optional, is a Add On to webapp.zip (New) When you unzip Webapp_WebServices.zip you be asked to overwrite some files, please answer yes to all. There also exist a command file RemoveWebServiceFiles.bat for removing web services files from a web app. If not using Web services then should also some line be removed to avoid unnecessary error messages in tomcat log, see file ReadMe_RemoveWebServiceFiles.txt
PipeChain 4.9.1	POC: Unparseable Dates kept after error when Confirming Order	The Confirm Order screen has had a fallback mechanism for erroneously entered dates. A calculated date was printed in the field if the user had entered text that couldn't be interpreted as a date. That mechanism is now removed, and the field will display the text entered by the user.
PipeChain 4.9.1	POC, WebSupplier: Deviations and Deviation Codes	It is now possible to assign a Deviation Code for an order line with a deviation. Deviation Codes are configured in a new screen in the PipeChain Java Client (the "Cog Wheel" menu). When an order line is Confirmed a Deviation Code can be chosen if a SelectedProperty is set "[1561] Use order line

deviation code and text at confirmation. Valid values in Setting: 1 = Not used, 2 = Used, 3 = Mandatory on reject. Default: 1". When an order line is Despatched a Deviation Code can be chosen if a SelectedProperty is set "[1563] Use order line deviation code and text at despatch. Valid values in Setting: 1 = Not used, 2 = Used. Default: 1". A tooltip on the Deviation Code field shows the allowed deviation limits. Deviation Code can only be entered from the web screens, not from the Java Client. A Deviation is saved for the order line in two cases - if a Deviation Code is chosen or - if the order line is changed in excess of the Deviation Limit settings. The test is performed whether the system is setup for sending deviation email or not. (New management of Deviation Limits is described in a separate Note) It is still possible to complete any Confirmation or Shipment without entering any Deviation Code. If a Deviation exists, the Deviation Code field will have a yellow background color. Verify deviation codes before reporting There is a new web screen "Deviation Overview" where it is possible to verify deviations codes before sending a Deviation Report. The screen shows order line data together with deviation data. It is possible to change Deviation Code and Line Information as well as to confirm the deviation code. Unconfirmed deviations are not reported. The user must have at least Site Administrator privileges to edit the Confirm check box.

PipeChain 4.9.1	POC: Value of InvoiceLine Id/No for Invoices	The InvoiceLine Id (No) from invoices generated by pipechain was blank. The Invoice printout did not reference the Invoice Line No. This issue has been addressed, and now the the Invoice printout now prints the InvoiceRowNo as "Invoiceline", and also populatds the attribute "RowId" on the "InvoiceLine" Element in the CS80 Invoice transaction.
PipeChain 4.9.1	PW40 could not be processed without purchase order Id in order head, CS02 nullexception	PW40 could not be proccessed without purchase order id in order head. Purchase order id is optional in order head but PW40 was processed error when no purchase order id was supplied. Also, CS02 OrderReponse transaction threw a nullexception when encountering Pre-3.0.0 versions of the transaction. These issues have now been remedied
PipeChain 4.9.1	Suggestion deleted when delivery agreement is deleted	Delivery suggestions are now automatically deleted when their corresponding delivery agreement is

		deleted.
PipeChain 4.9.1	CS02 Order response from Supplier - Supplier contact information can be updated	The supplier contact information can be updated by the order confirmation message, it is saved although the order is set to finished.
PipeChain 4.9.1	Outbound Delivery Overview screen can be sorted on shipment time	
PipeChain 4.9.1	WebShop Check that the product not is an VMI product	As default, the system checks that the product not is a VMI product - It shall not be possible to buy VMI products in the shop. The check is visualised in the basket and it is not possible to confirm the basket. This check can be turned of ot the property 10026 is set to false
PipeChain 4.9.1	CS05 is not sent for the confirmed delivery when shipping with split	CS05 was not sent for the confirmed delivery when shipping with split. If a confirmed delivery is split the remaining part that is still confirmed must also be sent in CS05 Inbound Order Response as the quantity is decreased. This is now corrected.
PipeChain 4.9.1	Notification mail had wrong subject when a Forecast CS39 was received	Notification Mail had wrong subject when receiving a forecast. The Email subject was Order Notification but should be Forecast Notification
PipeChain 4.9.1	Invoice Deviation mail: CC to order contact(s) was sent to supplier contact instead	If the Selected Property "(320) Send copy of Invoice Deviation Mail to Customer Contacts in Order" was set, the deviation was sent to the supplier contact. It should have been the order contact(s). The error was corrected.
PipeChain 4.9.1	POC: Entered values kept after an error in Confirm Order	When an error occurs in the Confirm Order screens, values changed by the user are now kept after the user has dismissed the error message.
PipeChain 4.9.1	Minor changes in Reports	- StdOrder.xml -- label LineNo change to Line No - StdDeliveryNote.xml -- Now shows Purchase Order Line instead of DespatchInvoice Row, Qty changed to Quantity, Quantities printed with number of decimals according to set up - StrInvoice.xml -- What does this Supplier Call me (Id) + What does this Supplier Call me (Address) is printed intead of only What does this Supplier Call me (Address)
PipeChain 4.9.1	Price deviation in Invoice does not show up in the Invoice Deviation mail	The absolute price is a floating point number, but it was stored in an integer, and was thus truncated. Deviation Llimit = 0.05 did not work at all. The error was corrected. The "old" price was taken from the wrong place (where the "new" price was stored), so no price deviation was ever reported, neither absolute, nor relative. The error was corrected.

PipeChain 4.9.1	Web Shop: Possible to send Claim Mail when doing registration of a claim	Possible to send Claim Mail when doing registration of a claim in Web Shop. If Claim Mail (MP92) is configured it will be sent during registration of a claim i.e New Claim Registration from customer 2 Claim Id Reg Date Claimed By User Customer Purchase Order Id Line Batch No Claim Reason Code Claim Code Impact Claim Text Claim Qty Shipped Qty Received Qty CLM-14 2012-01-17 saweb 2 KM120116-06 010 BN1230453503456 R1 I1 Test tisdag 1.0 30.0 30.0
PipeChain 4.9.1	All Deliveries was not always shown in Short Term/Day tab for Demand Plan History	All Deliveries was not always shown in Short Term/Day/Inbound/Outbound) tab for Demand Plan History. Some deliveries could be over written by a line representing the snap shot time and there by was not all deliveries shown. This is now corrected.
PipeChain 4.9.1	Suggestion generation could be incorrect when suggestion exist with reception time before confirmed deliveries	Suggestion generation could be incorrect when suggestion exist with reception time before confirmed deliveries. This is the case when there are both suggestion and confirmed deliveries to choose when matching and all these suggestions and deliveries has reception time before the wanted demand date. This is now corrected.
PipeChain 4.9.1	Suggestion generation could be incorrect when suggestion exist with reception time before confirmed deliveries	Suggestion generation could be incorrect when suggestion exist with reception time before confirmed deliveries. This is the case when there are both suggestion and confirmed deliveries to choose when matching and all these suggestions and deliveries has reception time before the wanted demand date. This is now corrected.
PipeChain 4.9.1	Web Client: Exporting to Excel exports all rows	When exporting the contents of a web client overview screen to Microsoft Excel, the export has sometimes contained only the rows visible in the screen. Now, all the rows in the result are exported.
PipeChain 4.9.1	WebStart: Client's max heap controlled by property	It is now possible to specify the client application's max heap size via a property in the webapp's servlet.properties file. See that file for instructions.
PipeChain 4.9.1	Possible to use PipeChain Order as Purchase Order info for Consignment inventory activities	From now on it's possible to use PipeChain Order as Purchase Order info for Consignment inventory activities. Note that PipeChain order Id and line is only used if no Purchase Order info is applied.
PipeChain 4.9.1	Possible to use calendar to decide when delivery suggestion generation should be executed when using trigger start with CS34	Possible to use calendar to decide when delivery suggestion generation should be executed when using trigger start with CS34. This can be configured by setting Strategy For Exporting Data in Partner Agreement to "Triggered". The calendar is checked to

		determine if the trigger from CS34 should cause Delivery Suggestion Generation (if calendar open) or just Save Demand Plan in Suppliers History (If calendar closed). Note that Time Window: Start Time in Partner Agreement is still used if using Automatic Confirmation and using "Triggered" This time should be set the time (or just after) the CS34 is expected to be received.
PipeChain 4.9.1	CS44 Partner Agreement transaction is extended	The transaction is extended with ContactInformation, DeliveryResponsibility and TermsOfPaymentAndDeliverySource
PipeChain 4.9.1	POC:Possible to control if user is allowed to change quantity when shipping	Selected property 56 "It is allowed to set total shipped qty >= delivery qty when shipping (true, default)" is now change to handle more control. Selected property 56 changed to "Allow to ship other quantity than confirmed qty (10 = Always(Default), 20 = Not allowed to decrease qty, 30= Not allowed to increase qty, 40 = Never)" 10 Always(Default). All changes of shipped quantity are allowed. 20 Not allowed to decrease. It's not allowed to ship less than confirmed quantity 30 Not allowed to increase. It's not allowed to ship more than confirmed quantity 40 Never. It's not to ship less or more than the confirmed quantity
PipeChain 4.9.1	Email address should not be copied when copy a user	Email address should not be copied when copy a user. This is now changed.
PipeChain 4.9.1	New features as ordering by shipment time and exteded test in WebShop/SOC	The user is able to order by Shipment time instead or Reception time it the new property 10024 is set to True. Price can also be validated towards a time it the property 10003 is set. The property 10025 is telling which time to use. Minimum order quantity defined in delivery agreement is also verified at ordering a product or modifying an old order. The multiple units is also checked when the order is changed as when ordering a new product.
PipeChain 4.9.1	Invoice Currency for VAT	For Swedish Suppliers, there is now by law a requirement to report the VAT in Swedish Crowns, during certain conditions. Not having SEK as your standard reporting currency (whats called Account Currency in PipeChain). This legal requirement is now implemented in PipeChain. Please refere to the POC implementation specification for details.
PipeChain 4.9.1	POC: Possible to make despatch Ready For Shipment	It's now possible to just make a despatch ready for shipment/status Ready For Shipment) and print out documents (delivery note etc) before it's really shipped. This feature is configured in Inbound Partner

Agreement by setting check box "Use Ready For Shipment". It's also possible to create despatch (status Created) and not making it ready for shipment. The despatch can in this state be changed and saved several times. This feature is configured in Inbound Partner Agreement by setting check box "Use Prepare Despatch". A "Ready For Shipment" deviation mail is sent if there is any deviation. Same logic and set up as when sending despatch deviation mail. During this changes has some choices in main menu, screens and buttons been renamed according to: Menu items: Despatch Order renamed to Ship Order Despatch Order Line renamed to Ship Order Line Invoice renamed to Invoice Despatch Screens: Inbound Order Overview renamed to Ship Order Inbound Order Line Overview renamed to Ship Order Lines Buttons; Some button with text "Deliver" has been renamed to "Ship" Orders that are fully prepared is not shown in screens Ship orders and Ship Order Lines. The grouping of order lines is not also group by "Delivery Responsibility" (Untill Shipping or Until reception). That prevent orderlines with diffrent delivery responsibility to be shipped togheter.

PipeChain 4.9.1	Reporting of the last five delivery notes in PW39 to integrated suppliers	If there is no Receptionregistration elements in the incoming CS38 DeliverySchedules, the last five received deliverynotes will be sent with outgoing PW39 DeliverySchedules as ReceptionRegistration Elements. PW39 is easily mapped to DELFOR. Set Selected Property 24 (Add receptions in Outbound DelivSchedule PW39. Note receptions only added if not exist in CS38. Default value is false) to true to activate this function. Can be set per supplier. Also, PW39 now adds Supplier-assigned Customer.CustomerId and Customer.CustomerAddressId to the PW39 transaction, if the Customer element is missing in CS38.
PipeChain 4.9.1	WebSupplier: Corrections in Inventory Chart when supplier uses converted unit.	There were errors in the Inventory Chart in the supplier's web interface when the supplier uses a converted Unit of Measure. These errors are now corrected.
PipeChain 4.9.1	CS08 and CS10: New default value for Price Base	If Price Base isn't specified when defining a Proce Range in a CS08 or CS10 transaction, it will get a value of 1 (was 0)
PipeChain 4.9.1	PipeChain One: Two new forecast screens	There are two new forecast screens in the web supplier's interface, "Net Demand" and "Gross

		Demand"
PipeChain 4.9.1	Sending Cumulated Quantity per orderline from CS40 PurchaseOrders to PW01 InboundPurchaseOrders transaction	The CS40 PurchaseOrders transactions had been extended with the element Cumulated, with contains data about cumulated quantities for the product specified. This information is passed onto to transaction PW01 InboundPurchaseOrders. The data is not saved in PipeChain.
PipeChain 4.9.1	POC: Changes for the standard Order printout	1 - if the "Buyer Article Name" is long, it will overwrite the "Discount". If "Supplier Article No" is missing it looks even worse. 2 - The document does not follow the standard pattern for the top row (document type : main object key) 3 - LineNo should be two words (english version) 4 - Köparensartikelnamn etc should be two words (swedish version) 5 - Discount should be translated (swedish version) The errors above are corrected. If "Supplier Article No" is missing, an empty line is inserted. "Discount" position is adjusted to the same Y-position as "Supplier Article No". Thus there is room even for a very long "Buyer Article Name".
PipeChain 4.9.1	Web supplier's Inventory Chart converted to supplier's units	Quantities in the web supplier's Inventory Chart wasn't converted to the supplier's unit. That problem is now solved
PipeChain 4.9.1	Supply Client: Improved manual input of Price Range	It is now possible to enter a validity range and price list number when manually creating Price Ranges in the Supply Client.
PipeChain 4.9.1	The webshop 'We are already busy confirming the basket' appeared sometimes without reason	The error is corrected
PipeChain 4.9.1	Webshop - Currency Name was erroneously used as CurrencyId when confirming the basket	The error is corrected
PipeChain 4.9.1	POC: Changes for the standard Delivery Note and standard Invoice printouts	A: The Invoice can (in addition to the xml transaction CS80) now be sent as a human readable document using. Following have to be configured: - the new Invoice Printout transaction PR80 must be mapped to a File or a FTP channel - the standard "XSLT Converter with version 1.1 or higher should be used on channel sender - the channel must have a Remote Out Directory (this to get filename from converter) - the new xsl file StdInvoice.xsl for invoice to pdf should be copied to [Web-App]\reports and [Application-Root]\Plugins\xslt - a property-file pointing out the xml-to-pdf.properties converter, e g

		<p>StdInvoice.xml. i.e property file: stylesheet=.\\plugins\\xslt\\StdInvoice.xml filenamexpath = {XPATH://Invoice/Invoicehead/FileName} The document will look identical to the WebSupplier "Print Invoice" document, provided that the same xml-to-pdf converter is used. The document name is autogenerated as "SupplierName-InvoiceNo.pdf". This name is also visible in the PFD document footer and in the CS80 transaction. B: Both documents now use the same header layout (shown in a larger font): SupplierName DocumentType [Invoice or Delivery Note]: DocumentKey [Invoice No or Delivery Note Id] C: The standard Delivery Note is now also available in a Swedish version.</p>
PipeChain 4.9.1	CS80 SelfBilling invoice message is improved	The supplier product id is fetched from the delivery agreement by using customer product id, if it not is given in the invoice transaction.
PipeChain 4.9.1	The transactions for product definitions (CS08), delivery agreement (CS10) and partner definitions (CS44) have got extended error handling	Product definitions (CS08), delivery agreement (CS10): The from and to dates in price ranges are validated. Error message 120 077 The price base in price ranges are validated. Error message 120 078 The currency is validated. Error message 120118 The leadtime is validated. Error message 12079 Partner definitions (CS44): The terms of delivery is validated. Error message 120119
PipeChain 4.9.1	Paint problems after reconnecting a lost remote session	There's been a problem when running the PipeChain client on a remote computer (via e.g. Remote Desktop Connection). After reconnecting to a lost session, the client sometimes: - painted strange grid lines. - lost information in plain list components. - lost information in drop down list components. These problems are now solved.
PipeChain 4.9.1	License info for Analyzer Sites corrected	The dialog displaying license if displayed an incorrect value for Max Analyzer Sites. That problem is now fixed. Note that 'Remaining' Analyzer Sites was always correct.
PipeChain 4.9.1	MACom: Chreate channel with "Undefined" Data Format	It is no longer possible to create a MACom Channel with the "Undefined" Data Format.
PipeChain 4.9.1	Supply: Min Delivery Quantity when analyzing a Delivery Agreement	When analyzing a Delivery Agreement with Multiple Unit Demand, the Minimum Delivery Quantity was sometimes erroneously reported as not being a multiple of the Multiple Unit Quantity, even though it was. That problem is now solved.
PipeChain	Removed attributes	The transaction Invoice.InvoiceLine had their

4.9.1	InvoicedQtyUnit and DeliveryQtyUnit in Transaction CS80 Invoice	attribures InvoicedQtyUnit and DeliveryQtyUnit removed from the schema. The reason is that they have, although they are required, never been used. Use MeasurementUnit instead.
PipeChain 4.9.1	VMI orders and tolerances	The absolute tolerances defined in Selected Properties 40 and 41 (Allowed Quantity Change and Allowed Reception Time Change respectively) and the Deviation tolerances defined in Selected Properties 317, 318 and 323 (Quantity, Reception Time and ShipmentTime) should not affect VMI-orders, as the deliveries should not be regulated by these properties, but instead of the VMI delivery agreement with stock tolerances in time and quantity, etc. The usage cases are for Confirmation and Despatch have been changed with regards of Allowed changes, and Limited for Deviation notifications. In practice, this means that the Selected Properties above mentioned, have no effect for VMI-orders in these cases. Invoice Deviations are not affected.

3.2 New functions and improvements in 4.9.0 service packs

PipeChain 4.9.0 02	POC: New Values for Selected Property [15] Allow update on splitted Order lines	New values for [15] Allow update on splitted Order lines are: 10 All changes allowed (default): Is equal previous value "true" 20 Allowed to change quantity sum on splitted lines. New Value 30 Not Allowed to change line with split flag. Is equal previous value "false" The new value "20 Allowed to change quantity sum on splitted line" has following function. value 20 prevent user to confirm order line be both changing quantity and split order line. Some ERP systems cannot handle changing both quantity and split when receiving order response transaction
PipeChain 4.9.0 02	Find split row without subline reference PW03 & CS80 transactions	Normally you need to enter a RemainderRow No if you want to refer to a splitted order line, using order reference. With the use of Selected Property 66, Split lines Matching Criteria, that allows PW03 & CS80 transactions to search for delivery/despatch row without using RemainderRow. The bitmask values are : 1-Match on shipmentdate, 2-Match on shipmentquantity, 4-Find first non-shipped orderline. Default: 0-Use RemainderRowNo. PW03 and

CS80 Transaction readers follows this logic: 1. If the original row is available, use that row. (default logic). 2. If not, and Selected Property 66 is set up to > 0 a) Use Shipment Date Matching (PW03) only b) Use Quantity Matching c) Use first row available

PipeChain 4.9.0 02	Despatch screen sorting logic rewritten	The sorting logic previously used was unnecessary demanding in terms of database access, and could cause a server malfunction. The sorting logic has been rewritten from scratch.
PipeChain 4.9.0 02	Orders from CS72 PurchaseRequisitions transaction had problems to add lines.	When adding lines to orders that was created by CS72 PurchaseRequisitions transaction, the add lines operation could yield the same replenorderlineid as already existed on the order. This issue has now been remedied.
PipeChain 4.9.0 02	CS08 and CS10 - Error when using secondary product id for products without agreement	An error is corrected, the message got process error.
PipeChain 4.9.0 02	Inventory Activities are not purged	Old Inventory Activity records are no longer purged by the 'Supply Database Cleanup' night job.
PipeChain 4.9.0 02	PurchaseId from VMI orders whos deliveries uses blanket order	Previously the purchaseorderid on the order was fetched from the indeliveries. In the case of that the deliveries in the order uses a delivery agreement with BlanketOrderStrateg this will be missrepresentative, as the purchaseorderid will most likely differ from each line in the order. The functionality has been changed so that in this case, the order receives no purchaseorderid.
PipeChain 4.9.0 02	Unit conversion assisted by browser	When you edit an inbound partner agreement's unit conversion, you can now use the Delivery Unit Browser when editing the "Supplier's Unit" field. The browser suggests all Delivery Units defined the product.
PipeChain 4.9.0 03	(Web) Edit View for row grids in detail pages	Some detail pages have row grids where the "Edit View" button is visible. There have been some problems with this that are now fixed.
PipeChain 4.9.0 03	Web Shop - The currency name is stored in order and used for messages instead of currency symbol	The error is corrected.

PipeChain 4.9.0 03	Web interface: References in Invoice printout missing	The Invoices fields "Your reference", ie suppliers contact, was fetched from the order if it was not entered by the user during the invoice creation/calculation proocess. But if the user entered a name, that information was not supplied in the invoice printout. Also, the "Our reference field" was missing from the standard invoice report. (StdInvoice.xml). These issues have now been corrected.
PipeChain 4.9.0 03	Web Despatch: check for quantity per package	If quantity per package should be stated (Selected Property 200 "Use Despatch Package") is set up, the web client now checks so that quantity per package is entered.
PipeChain 4.9.0 03	Possible to print delivery note and invoice even if order is deleted	If the order has been deleted, you now still are able to print the delivery note and proceed with invoicing. Some data (goods- and delivery recipients) will be missing. Others will be fetched from the customers business node data in pipechain.
PipeChain 4.9.0 03	New selected property 67 to avoid sending CS05 at Reconfirm	Some customer do not wish to receive a CS05 InboundOrderResponse at reconfirmation of an order, instead wishing that the reconfirm information must be sent manually. In order to prevent CS05 InboundOrderResponse transaction when performing a Web interface confirmation, or confirmation by PW02 InboundOrderResponse from the Supplier, set up Selected Property 67, "Send Order Inbound Response CS05 for Order Reconfirm PW02/Web Confirm. True (the default) or false". Set to false, the CS05 is not sent from Web Confirm/PW02 if operation is a Reconfirm. If the operation is a Recoinfrm is defined as the order in its entirety has not been confirmed before.
PipeChain 4.9.0 03	Search for Despatch in web interface does not work on OrderId	The possibility to search for Despatch on a orderid in the Web interface was lost in a previous Service Pack. It has now been restored.
PipeChain 4.9.0 03	CS08 and CS10 - Delivery agreement parameter group can be used to get default values for delivery agreement attributes	A predefined parameter group can now be used as source instead of having hard coded parameters in the transaction. It is only used when the delivery agreement is new (on insert). The UsedParameterGroup functionality in CS08 and CS10 is used, even if the attribute not is set. The parameter group is found as it is set to default in the parameter group screen. This setting is done in the 'Delivery Agreement Parameter Group Detail' screen on the 'Agreement' tab. The group is selected as default for inbound or outbound or both. Only one group can be

default and the setting is done on site level. The default parameter group is saved in selected property 134.

PipeChain 4.9.0 03	Select dates in web screens from a point and click GUI calender.	You now don't need to write dates by hand, you can instead select a date from a calender. This affects the screens Web Confirm + Web Despatch + Create Invoice. The calender is currently *not* connected to any business calender, like receptionshedule.
PipeChain 4.9.0 03	Order respons CS02 - Correction for supplier change flag	The supplier change flag is not set to tru if only the shipment time is changed and the supplier responsibility is until reception according to business agreement.
PipeChain 4.9.0 03	CS08 / CS10 SupplierManagedInventory value is stored for outbound delivery agreement as well	The value was previously set depening on suborder type, this is kept as default. The error is corrected.
PipeChain 4.9.0 03	CLosing Inventory in Inventory Chart for Customer Buckets	There was an error in the "Closing Inventory" tab of the Inventory Chart for Customer Buckets when the same product had agreements with more than one Customer. The error is now corrected.
PipeChain 4.9.0 03	Corrections in Web Supplier's Overview	Some corrections has been made to the new Web Supplier's Overview screen so the figures are correct and in line with underlying data. The screen is now true single site and all links to other screens sets these screens to single site mode. Note that Deliveries to ship only count VMI order lines while orders to ship only counts POC orders (and not VMI orders). When clicking on Deliveries to ship the user comes to Despatch Order lines. In this screen lines that should already have been shipped have yellow shipment time. When clicking on Orders to ship the user comes to Despatch Orders In this screen orders that should already have been shipped have yellow shipment time. The limit in both cases is now if time is shown and next midnight if time not is shown. The screen name is also changed to Web supplier's Overview
PipeChain 4.9.0 04	Numerous fixes in CS03 DespatchAdvice and CS48 OutboundDespatchAdvice	CS03 now has look upp of missing order data, like replenishment order id. CS03 nonger assumes that bestBeforeDate och manufacturingDate is the current date, even though information is missing. PW48 top level customer node is missing data. PW48 has reversed the customer and supplliar produkt values. These issues above has been remedied. Also, the functionality has been

changed, so if PW48 is set up to be sent, and PW05 is not, and the CS03 is missing the despatch packages that are necessary for PW48, the CS03 will fail with an error message. If both transactions are set up and despatch packages are missing, PW05 will be generated.

PipeChain 4.9.0 04	Supply: double outbound deliveries	Screens displaying outbound deliveries might have shown double instances of the same delivery. That problem is now fixed
PipeChain 4.9.0 04	POC: Follow links in notification mails	There's been problems following links in notification mails if the link refers to an object in an other Site than the Site the POC application is currently set to. That problem is now solved.
PipeChain 4.9.0 04	Cancel reception on split order lines fails in PipeChain client	Cancel reception on split order lines fails in PipeChain client. It works if done with transaction CS47. Now this has been corrected so it works also when done in the PipeChain client from Reception Registration grid and from Finished Inbound Delivery Detail. The change is made so that the remainder row no is always significant when the order line is identified with purchase order id and line. In cases when it's not present in the transaction the line with remainder row no = 0 is cancelled. In all other cases for CS47 the remainder row no is not used in the search. The screens showing order lines are now also showing the remainder row no in the same field as the purchase order line.
PipeChain 4.9.0 04	Transaction CS02 InboundOrderResponse without DelivType stated should not assume Replenishment order	In the transaction CS02 InboundOrderResponse DelivType is optional, but if left out, the system assumes Replenishment when trying to find an order. The system should not assume anything when trying to find an order. It should, however, assume Replenishment when creating an order that was not found - which has always been the case. This issue has now been remedied, and the order search does not use delivtype if a delivtype is not stated in the transaction.
PipeChain 4.9.0 04	Hiding of Shipment and Reception times with Sel Prop 410 and 411 differs from specification.	If a orderline date is not open for input, according to Sel Prop 400 or 401 depending on effective TermsOfDelivery. If a date is not open, it can be hidden with the use of selected property 410 or 411, respectively. The desired functionality is that 1 hides non-ediable dates on order head, 2 - hides row dates, and 3 hides both. But the row setting is mismapped to also be triggered by the setting of 1. This means that 1 and 3 hides dates both on row and

		head, and a setting of 2 does nothing. Restored the functionality according to specification.
PipeChain 4.9.0 04	Link in notification mail was not functioning	Link in notification mail was not functioning. One request parameter had wrong date format. The solution was to remove it as it is not used.
PipeChain 4.9.0 04	Supply, Analyzer: Default scrolling changed for graphs in Management Dashboard	Previously, if a dashboard graph view appeared (was created, was made visible) in a small area, it was always left-scrolled. In most graphs, this meant that the current values were not visible, and the user would almost always start by scrolling right. This is changed so that graphs are by default scrolled so that current values are visible. However, if a graph is scrolled in any way, then made invisible, and then made visible again, its scrolling status is unchanged.
PipeChain 4.9.0 04	RemainderRowNo is now shown on finished order screens	RemainderRowNo is now shown in Finished Outbound Order Detail and Finished Outbound Order Line Detail
PipeChain 4.9.0 04	Outbound Order Response PW05 should not always be sent when doing manual update in PipeChain	Outbound Order Response PW05 should not always be sent when doing manual update in PipeChain. It should not be sent when using Order Change and expect to receive an Order response after sending the order change. To know if the process used expect order response after sending order change a new selected property "[68] Expect to receive an Order Response after sending an Order Change. true (default) or false" is created. Note the default is false for this property. See Action on Install
PipeChain 4.9.0 04	Order Text from Partner Agreement is not included in CS01 and CS41	Order Text from Partner Agreement is not included in CS01 and CS41. This is not correct
PipeChain 4.9.0 04	Purchase Order Info transaction now updates purchase order id regardless of status	Purchase Order Info transaction now updates purchase order id regardless of status. Before it was only updated if status was confirmed.
PipeChain 4.9.0 04	Valid From and Valid To date is not used for matching update of price range if price list number (PriceListNo) is used.	Valid From and Valid To date is not used for matching update of price range if price list number (PriceListNo) is used. This change is made in both CS08 and CS10.

PipeChain 4.9.0 04	Send Suggestion attribute was not used by Partner Agreement CS44 reader.	Send Suggestion attribute is not used by Partner Agreement CS44 reader, but it's included in schema. This is now corrected.
PipeChain 4.9.0 04	Sortorder persists when selecting siter or supplier	For those users that are able to select site or supplier (or both) a change of sortorder in the current screen vanishes (and you get the screens default sort order) when selecting a new site or a new supplier. The sortorder functionality has now been extended so it applies even if you are changing site/supplier.
PipeChain 4.9.0 04	Web Create Invoice: Payment date is no longer overwritten if you change Invoice date	if you change payment date and also change invoice date (or payment terms) you overwrite your payment date changes, if any. The functionallity has been changed so if you have manuall adjusted your payment date, that date is no longer overwritten.
PipeChain 4.9.0 04	VMI orders and tolerances	The absolute tolerances defined in Selected Properties 40 and 41 (Allowed Quantity Change and Allowed Reception Time Change respectivly) and the Deviation tolerances defined in Selected Properties 317, 318 and 323 (Quantity, Reception Time and ShipmentTime) should not affect VMI-orders, as the deliveries should not bee regulated by these properties, but instead of the VMI delivery agrement with stock tolerances in time and quantity, etc. The usage cases are for Confirmation and Despatch have been changed with regards of Allowed changes, and Limited for Deviation notifications. I practice, this means that the Selected Properties above mentioned, have no effect for VMI-orders in these cases. Invoice Deviations are not affected.
PipeChain 4.9.0 04	WebShop: All basket lines visible, regardless of Page Size setting	Screens displaying basket lines now shows all the rows on the same page, even if they are more than "Rows per Page" setting. The sum of the visible lines should now add up to the same amount as in the summary line.
PipeChain 4.9.0 05	Current Balance, safety balance and max balance added to Delivery suggestion overview in web	The columns Current Balance, safety balance and max balance are now shown in Delivery suggestion overview in web for suppliers. The columns are showing the current inventory balance (normally the physical balance reported last night), the upper limit for replenishment and the lower limit for inventory balance. If these values are not used in the setup they are easily hidden by using the Edit View button.

PipeChain 4.9.0 05	VMI Purchase Orders by CS40 does not fetch correct leadtime	Changed the logic when calculating reception-/shipmenttime so we only look at the delivery and transports shema dates when matching, instead of using a full date and time matching.
PipeChain 4.9.0 05	PipeChain Transaction is generated using bankers rounding	The XML-transactions from PipeChain is generated with values rounded by the algorithm of bankers rounding, where the application otherwise uses the more commonly used round up-algoritm. This could create diffrences in the last decimal displayed in PipeChain versus the last decimal in the transaction. This issue has now been remedied.
PipeChain 4.9.0 05	Could not always insert delivrey agreement if using Automatic Suggestion Generation Strategy	Could not always insert delivrey agreement if using Automatic Suggestion Generation Strategy. This was the case when supplier was not using PipeChain. This is now corrected.
PipeChain 4.9.0 05	CS80 SelfBilling invoice message is improved	The supplier product id is fetched from the delivery agreement by using customer product id, if it not is given in the invoice transaction.
PipeChain 4.9.0 05	Paint problems after reconnecting a lost remote session	There's been a problem when running the PipeChain client on a remote computer (via e.g. Remote Desktop Connection). After reconnecting to a lost session, the client sometimes: - painted strange grid lines. - lost information in plain list components. - lost information in drop down list components. These problems are now solved.
PipeChain 4.9.0 05	Transaction -ToCustomer elements pre 4.4.0 missing Name and Description	The ToCustomer Elements (ShipToCustomer, DeliverToCustomer, InvoiceToCustomer) in transactions that are generated by pipechain (CS48 InboundDespatchAdvice for example) have the attributes Name and Description missing, although they should be there from 4.0.0 onwards. Also, Customer and Supplier Elements hade Description missing in several transactions in several versions. These issues has now been remedied.
PipeChain 4.9.0 05	Supply: Min Delivery Quantity when analyzing a Delivery Agreement	When analyzing a Delivery Agreement with Multiple Unit Demand, the Minimum Delivery Quantity was sometimes erroneously reported as not being a multiple of the Multiple Unit Quantity, even though it was. That problem is now solved.
PipeChain 4.9.0 06	Error when processing CS72 (and PW02).	Error when processing CS72. Delivery Type "Purchase Order" was always used when no delivery type was

	Delivery Type "Purchase Order" was always used when no delivery type was supplied in transaction	supplied in transaction. The solution is that CS72 is always Replenishment Order if not supplied in transaction. If no Delivery Type is supplied in transaction PW02 then is no delivery type used for searching.
PipeChain 4.9.0 06	Webshop - Currency Name was erroneous used as CurrencyId when confirming the basket	The error is corrected
PipeChain 4.9.0 06	The webshop 'We are already busy confirming the basket' appeared sometimes without reason	The error is corrected
PipeChain 4.9.0 06	POC: Changes for the standard Delivery Note and standard Invoice printouts	<p>A: The Invoice can (in addition to the xml transaction CS80) now be sent as a human readable document using. Following have to be configured: - the new Invoice Printout transaction PR80 must be mapped to a File or a FTP channel - the standard "XSLT Converter with version 1.1 or higher should be used on channel sender - the channel must have a Remote Out Directory (this to get filename from converter) - the new xsl file StdInvoice.xsl for invoice to pdf should be copied to [Web-App]\reports and [Application-Root]\Plugins\xslt - a property-file pointing out the xml-to-pdf.properties converter, e g StdInvoice.xsl. i.e property file: stylesheet=.\plugins\xslt\StdInvoice.xsl filenamexpath = {XPATH://Invoice/Invoicehead/FileName} The document will look identical to the WebSupplier "Print Invoice" document, provided that the same xml-to-pdf converter is used. The document name is autogenerated as "SupplierName-InvoiceNo.pdf". This name is also visible in the PFD document footer and in the CS80 transaction. B: Both documents now use the same header layout (shown in a larger font): SupplierName DocumentType [Invoice or Delivery Note]: DocumentKey [Invoice No or Delivery Note Id] C: The standard Delivery Note is now also available in a Swedish version.</p>
PipeChain 4.9.0 07	Web supplier's Inventory Chart converted to supplier's units	Quantities in the web supplier's Inventory Chart wasn't converted to the supplier's unit. That problem is now solved
PipeChain 4.9.0 07	PartnerAssigned data assigned to PW48	The customer Element in serveral transactions contain PartnerAssigned data in the schema, but no such data is

	OutboundDespatchAdvice transaction Customer Element, and more.	written in several cases, PW48 OutboundDespatchAdvice is one of them. The data concerned is = "PartnerAssignedCustomerId" and "PartnerAssignedCustomerAddressId". This issue has now been remedied.
PipeChain 4.9.0 07	Transaction CS35 Purchase Order Info does now also exist for inbound deliveries	Transaction CS35 Purchase Order Info does now also exist for inbound deliveries. The transaction is now also handle more references: Delivery Id, PipeChain Order Id and SalesOrder Id. These references are used to update order lines with a new Purchase Order Id. The new references are added for both inbound and outbound deliveries. Information about the update of purchase order id is written in Message Log with new Text Id 120187 i.e. "Order lines with Replenishment Order Id RO1000086, Sales Order Id SO103 and Supplier HoganasAB are updated with new Purchase Order Id PO120011.". This will make it possible to subscribe for a Event mail when an purchase order id is updated.
PipeChain 4.9.0 07	POC: Changes to the standard Order printout	1 - if the "Buyer Article Name" is long, it will overwrite the "Discount". If "Supplier Article No" is missing it looks even worse. 2 - The document does not follow the standard pattern for the top row (document type : main object key) 3 - LineNo should be two words (english version) 4 - Köparensartikelnamn etc should be two words (swedish version) 5 - Discount should be translated (swedish version) The errors above are corrected. If "Supplier Article No" is missing, an empty line is inserted. "Discount" position is adjusted to the same Y-position as "Supplier Article No". Thus there is room even for a very long "Buyer Article Name".
PipeChain 4.9.0 07	Supply Client: Improved manual input of Price Range	It is now possible to enter a vlidity range and price list number when manually creating Price Ranges in the Supply Client.
PipeChain 4.9.0 07	PipeChain One: Two new forecast screens	There are two new forecast screens in the web supplier's interface, "Net Demand" and "Gross Demand"
PipeChain 4.9.0 07	WebSupplier: Corrections in Inventory Chart when supplier uses converted unit.	There were errors in the Inventory Chart in the supplier's web interface when the supplier uses a converted Unit of Measure. These errors are now corrected.

PipeChain 4.9.0 07	Supply, Analyzer: The Exclude From Reports attribute was cleared by the CS10 Delivery Agreement transaction	The error was corrected. The error was NOT present in the Partner Agreement-, Product Definition- (CS08, which also updates Delivery Agreement) or Partner- (which also updates Partner Agreement) transactions.
PipeChain 4.9.0 07	Remainder row no shown in order screens	The screens showing order lines are now also showing the remainder row no in the same field as the purchase order line.
PipeChain 4.9.0 07	POC: More information in the messages (events) for high/low balance	When the above warning messages are used e.g. in mail events, more information is sometimes needed. Added information is - the supplier's/customer's product id - the current balance, safety balance and max balance - the current duration, safety time and max time - the shipment and reception date and quantity of the next confirmed delivery (if any)
PipeChain 4.9.0 07	New features as ordering by shipment time and extended test in WebShop/SOC	The user is able to order by Shipment time instead of Reception time if the new property 10024 is set to True. Price can also be validated towards a time if the property 10003 is set. The property 10025 is telling which time to use. Minimum order quantity defined in delivery agreement is also verified at ordering a product or modifying an old order. The multiple units are also checked when the order is changed as when ordering a new product.
PipeChain 4.9.0 07	CS08 and CS10: New default value for Price Base	If Price Base isn't specified when defining a Price Range in a CS08 or CS10 transaction, it will get a value of 1 (was 0)
PipeChain 4.9.0 08	DeliverySchedule order in passed time cannot be confirmed in WebConfirm	Implemented an auto-assign function to take the latest of current datetime and delivtime. Also removed the conditions in the .jsp that the dates on hand are never shown.
PipeChain 4.9.0 08	POC: Order Notification Mail transaction missing	When receiving an "Inbound Order Response" transaction (PW02), the corresponding "Order Notification Mail" transaction (MP01) was often not sent. The error was corrected.
PipeChain 4.9.0 08	Email address should not be copied when copy a user	Email address should not be copied when copy a user. This is now changed.
PipeChain	PipeChain One: Two new	The two new forecast screens in the web supplier's

4.9.0 08	forecast screens displays customer	interface, "Net Demand" and "Gross Demand", now includes new columns displaying customer.
PipeChain 4.9.0 09	Orders to ship and Deliveries to ship not correct in Web supplier's overview	Some corrections have been made in the Web supplier's overview. Some of them also affects the order reminder job. Now Orders to ship only shows POC orders Now Deliveries to ship only shows VMI deliveries The red count in Deliveries to ship count orders lines Orderlines in status partially shipped and partially received are taken in Orders to ship and Deliveries to ship Orderlines in status partially shipped and partially received are taken into account in the reminder mails
PipeChain 4.9.0 09	When clicking on the links in Web Supplier's Overview the Supplier filter is lost	When clicking on the links in Web Supplier's Overview the Supplier filter was lost. Now that has been solved by removing the newsite parameter in the link to the other screens.
PipeChain 4.9.0 09	WebStart: Client's max heap controled by property	It is now possible to specify the client application's max heap size via a property in the webapp's servlet.properties file. See that file for instructions.
PipeChain 4.9.0 09	Possible to use PipeChain Order as Purchase Order info for Consignment inventory activities	From now on it's possible to use PipeChain Order as Purchase Order info for Consignment inventory activities. Note that PipeChain order Id and line is only used if no Purchase Order info is applied.
PipeChain 4.9.0 10	Web Client: Exporting to Excel exports all rows	When exporting the contents of a web client overview screen to Microsoft Excel, the export has sometimes contained only the rows visible in the screen. Now, all the rows in the result are exported.
PipeChain 4.9.0 11	All Deliveries was not always shown in Short Term/Day tab for Demand Plan History	All Deliveries was not always shown in Short Term/Day/Inbound/Outbound) tab for Demand Plan History. Some deliveries could be over written by a line representing the snap shot time and there by was not all deliveries shown. This is now corrected.
PipeChain 4.9.0 11	Minor changes in Reports	- StdOrder.xml -- label LineNo change to Line No - StdDeliveryNote.xml -- Now shows Purchase Order Line instead of DespatchInvoice Row, Qty changed to Quantity, Quantities printed with number of decimals according to set up - StrInvoice.xml -- What does this Supplier Call me (Id) + What does this Supplier Call me (Address) is printed intead of only What does this Supplier Call me (Address)

PipeChain 4.9.0 11	POC: Entered values kept after an error in Confirm Order	When an error occurs in the Confirm Order screens, values changed by the user are now kept after the user has dismissed the error message.
PipeChain 4.9.0 11	Notification mail had wrong subject when a Forecast CS39 was received	Notification Mail had wrong subject when receiving a forecast. The Email subject was Order Notification but should be Forecast Notification
PipeChain 4.9.0 11	POC: Invoice Deviation mail: CC to order contact(s) was sent to supplier contact instead	If the Selected Property "(320) Send copy of Invoice Deviation Mail to Customer Contacts in Order" was set, the deviation was sent to the supplier contact. It should have been the order contact(s). The error was corrected.
PipeChain 4.9.0 11	CS40 with received or cancelled on lines not handled properly	New Purchase order lines was created even for lines in CS40 transaction with operation Received or Cancel. This is now corrected so that no order lines are created for CS40 lines with operation Received and Cancel. No new purchase order is created if all lines in CS40 has status Received or Cancel.
PipeChain 4.9.0 11	EANNo missing in transaction PW48	The field DespatchAdviceLine.EANNo, fetched from EAN/GTIN in own bucket, is missing in PW48 and the underlying data from the database. This issue has now been remedied.
PipeChain 4.9.0 11	Suggestion generation could be incorrect when suggestion exist with reception time before confirmed deliveries	Suggestion generation could be incorrect when suggestion exist with reception time before confirmed deliveries. This is the case when there are both suggestion and confirmed deliveries to choose when matching and all these suggestions and deliveries has reception time before the wanted demand date. This is now corrected.
PipeChain 4.9.0 11	Transactions DespatchAdvice PW48 och CS48 sends old data	Transactions DespatchAdvice PW48 and CS48 are generated in some cases from the incoming transaction (CS03/PW03). In these cases, the outgoing transaction can sometimes send the order line data from before the incoming transaction updated the date order line. This issue has now been remedied.
PipeChain 4.9.0 11	POC: Price deviation in Invoice does not show up in the Invoice Deviation mail	The absolute price is a floating point number, but it was stored in an integer, and was thus truncated. Deviation Llimit = 0.05 did not work at all. The error was corrected. The "old" price was taken from the wrong place (where the "new" price was stored), so no price deviation was ever

reported, neither absolute, nor relative. The error was corrected.

PipeChain 4.9.0 12	POC: Transaction Conflict when rejecting order with equals products in order lines	POC: Transaction Conflict when rejecting order with equals products in order lines and having a defined product and delivery agreement for this product. This error is now solved.
PipeChain 4.9.0 12	Suggestion deleted when delivery agreement is deleted	Delivery suggestions are now automatically deleted when their corresponding delivery agreement is deleted.
PipeChain 4.9.0 13	Balance was set to zero even if no balance element was supplied in CS21	Balance should not be set to zero if there are no balance element at the first flow model. But the balance was set to zero even there was no Product Balance element. This is now corrected.
PipeChain 4.9.0 14	Web Services is now distributed in an own zip file	PipeChain Web Services (at the moment only used for Dynamic Role Center) are now distributed in an own zip file webapp_WebServices.zip. For the web app there are now three zip files: 1. webapp.zip - Mandatory 2. Webapp_WebStart.zip - Optional, is a Add On to webbapp.zip 3. Webapp_WebServices.zip - Optional, is a Add On to webbapp.zip (New) When you unzip Webapp_WebServices.zip you be asked to overwrite some files, please answer yes to all. There also exist a command file RemoveWebServiceFiles.bat for removing web services files from a web app. If not using Web services then should also some line be removed to avoid unnecessary error messages in tomcat log, see file ReadeMe_RemoveWebServiceFiles.txt
PipeChain 4.9.0 14	POC: Unparseable Dates kept after error when Confirming Order	The Confirm Order screen has had a fallback mechanism for erroneously entered dates. A calculated date was printed in the field if the user had entered text that couldn't be interpreted as a date. That mechanism is now removed, and the field will display the text entered by the user.
PipeChain 4.9.0 14	Date parsing rejects out of range elements	Date parsing is no longer lenient for out of range date elements. E.g. "Jan 32" is now rejected, rather than interpreted as "Feb 1".
PipeChain 4.9.0 14	ProductDefinition transaction CS08 update of EanNo/GTIN.	ProductDefinition transaction CS08 does not create or update the ProductDefinition object with the EanNo/GTIN supplied in the ProductDefinition.EANNo attribute in the

		transaction. The problem is due to a faulty mapping implementation. This issue has now been resolved.
PipeChain 4.9.0 14	Outbound Delivery Overview screen can be sorted on shipment time	
PipeChain 4.9.0 14	Inventory Activity exempted from nightly cleanup	Inventory Activity is now exempted from the nightly cleanup. Inventory Item is, on the other hand, now purged every night (it was earlier mistakenly exempted instead of Inventory Activity).
PipeChain 4.9.0 15	Auto Send Lower Limit in Delivery Suggestion Detail/Advanced was not populated with data	Auto Send Lower Limit in Delivery Suggestion Detail/Advanced was not populated with data. This error is now corrected.
PipeChain 4.9.0 15	Demand values was sent instead of actual values in CS71 and CS72	Demand values for quantity, shipment time and reception time was sent instead of actual values in CS71 and CS72. This is now corrected so actual values (confirmed values) are sent for replenishment order. For other Delivery Types like purchase order are demand values sent.
PipeChain 4.9.0 16	POC: Transport Label - the "Date" is changed from "Print Date" to "Shipment Date"	This change was made on the standard Transport Label as well as custom Transport Labels.
PipeChain 4.9.0 16	TotalAmount not passed on in the CS80 Invoice transaction	The transaction reader demands that two of the three attributes of TotalAmount, TaxAmount and GrossAmount are stated in the InvoiceLine element. Fixed so that TotalAmount is passed on even if TotalAmount is not present. Also fix the value of totalamount in the transaction - Gross Amount was passed on as TotalAmount.
PipeChain 4.9.0 16	POC: Several problems concerning Delivery Precision screen and Invoicing	1 - The screen is visible in both the Java and Web clients. In the Java client, a user can select a "data compression" setting, which shows fewer bars. In the Web screen this setting is not selectable. Here the setting is changed to "Show All". 2 - The label "Delivered Price" is changed to "Invoiced Price". 3 - Since invoicing can occur both before and after the goods receipt, delivery data is now updated to PipeChain Analyzer also when an invoicing occurs. 4 - The correctness of "Demand vs Invoiced Price" and "Confirmed vs Invoiced Price" are significantly improved since "not yet invoiced" deliveries are omitted from the data.

PipeChain 4.9.0 16	Additional suggestion could sometimes be created	An additional suggestion could sometimes be created even if demands was covered without this suggestion. The error is now corrected. This is a roll back of changes made in PipeChain 4.8.0.
PipeChain 4.9.0 16	WebShop Check that the product not is an VMI product	As default, the system checks that the product not is a VMI product - It shall not be possible to buy VMI products in the shop. The check is visualised in the basket and it is not possible to confirm the basket. This check can be turned off if the property 10026 is set to false
PipeChain 4.9.0 16	Invoicefees are not correctly added in CS80 Invoice transaction	Due to an internal logic bug, the CS80 transaction could not handle more than one fee without mixing the names (but not the numeric values) of the fees up. This issue has now been remedied.
PipeChain 4.9.0 16	Database access hangs in Socket Read	Long running database access could cause the server to hang indefinitely. Most likely caused by sockets timing out. Problem solved by turning on the drivers socketKeepAlive flag.
PipeChain 4.9.0 16	Corrected PW02/CS72 SalesOrder Id	If the SalesOrderId is missing in the orderhead, there is a lookup from orderlines. This lookup fails if the orderlines have different salesorderids. This issue have now been remedied.
PipeChain 4.9.0 17	Null pointer exception when processing CS72	Null pointer exception was displayed when processing CS72. This was the case when processing CS72 and the delivery id did not exist. This error is now corrected.
PipeChain 4.9.0 17	Web interface Sort Despatch Orderlines screen after Shipment Time	The Despatch Order Lines screen should be sortable on ShipmentTime, with use of Selected Property 65 " Sort Despatch Orderlines screen after Shipment Time". The actual logic proved to be was to sort on OrderNumber first, then ShipmentTime. The logic has now been changed so now you sort on ShipmentTime first, and second on OrderNumber.
PipeChain 4.9.0 17	Payment expires is not updated in when you change the invoice date	The first time you are in the invoice screen (and only the first time) and press "Calculate"after you have changed the Invoice Date, the Payment Expires field is not updated. Second and subsequent time it works normally. This has now been corrected so the recalculation of Payment Expires also works the first time. Please note that if you change either Terms of Payment or InvoiceDate you will update

Payment Expires. But, if you have manually edited Payment Expires, that value is kept, so you do not overwrite your manual changes when you later change the Terms of Payment or Invoice Date. Please also note that the system does not recalculate Payment Expires if neither of the two fields Terms of Payment and Invoice Date is changed since last time you pressed "Calculate"

PipeChain 4.9.0 17	CS02 Failing with the error: Receipt Time cannot be before Shipment Time.	If having no shipment time or reception time on order head then could CS02 be processed error with error message "Receipt Time cannot be before Shipment Time" even if all order lines had shipment time before reception time. This error is now corrected.
PipeChain 4.9.0 17	Analyzer: Deliveries and Orders are sometimes not saved with the proper Delivery Responsibility	If Delivery Responsibility was set to "From Terms Of Delivery", this value was saved to the Analyzer. Such records is counted in the Delivery Precision KPI, it needs either "Until Shipment" or "Until Receipt" responsibility. The correct behaviour (decide responsibility from the settings of Delivery Responsibility AND Terms Of Delivery on Site, Partner Agreement, Delivery Agreement and Order) is now implemented.
PipeChain 4.9.0 17	POC: Process charge on Order report printout	The order report printout available in the POC Web interface have gotten the process charge for each line added.
PipeChain 4.9.0 17	Analyzer: Rare database deadlock condition resolved	For one customer we have seen a database deadlock concerning two READING operations(*). This customer has multiple occurrences of the error. We suspect that this error is extremely rare as we have never before encountered it in the PipeChain software. A detection mechanism was created, and this was utilized for the two reads were the locking occurred (in background job Analyzer Poll, when saving FlowPeriodDay data). (*) Locking between WRITING operations are well known, and have always been handled in PipeChain Software (by repeating the failing operation).
PipeChain 4.9.0 17	Shipped deliveries was not included in Partner (customer) Resulting Balance in screen In & Out Deliveries	Shipped deliveries was not included in Partner (customer) Resulting Balance in screen In & Out Deliveries. Only quantity from confirmed deliveries are used for accumulating partner resulting balance. This is now corrected.
PipeChain	Usage of UserId and	Contact Person Name is now populated from Our

4.9.0 19	UserName in CS80 changed to normal behaviour	Reference and Your Reference. The other fields for supplier contact person is populated from the supplier contact in the order or the logged in user. The other fields for the customer contact person is populated from the customer contact person in the order. For integrated suppliers Our Reference and Your Reference is still used for userId, which might be a temp user id.
PipeChain 4.9.0 20	Production lead time was set to transport lead time when processing Flow Mode CS21	Production lead time was set to transport lead time when processing Flow Mode CS21. This error is now corrected.
PipeChain 4.9.0 21	Analyzer: Bug fixes in the Inventory cube	In the OLAP database properties, this version is called "Version 4.9.0 SP01" in the "Description" A: Changes to the Inventory cube (the OLAP definition). All measures "Avg (%) ___, All". A condition was removed, could cause that values did not show up in the cube. All measures "Avg (%) ___, Active". A condition was changed, could cause that values did not show up in the cube. All measures of "(Curr)" type. Two decimals were added to the format, causes zeroes and small values to appear. All measures of "(Days)" and "(Units/Day)" type. One decimal was added to format, causes zeroes and small values to appear. B: Changes to the Inventory Cube (the View_FactInventory database view). The logic for all "Active" measures was changed. An "In Transit" balance with unlimited duration will no longer cause the measure to become "inactive" as long as the balance on hand has a limited duration (run-out time). Note that an "In Transit" balance with unlimited duration is still removed (NULL-ed) from "In Transit, Active" measures.
PipeChain 4.9.0 21	VMI: Possible to receive email notifications in more outbound cases	Before, the standard email notifications for outbound Confirmation and Despatch were configured on the PipeChain "User". This handles the WebShop cases but not VMI orders which are created by PipeChain Supply without any Order Contact User. In addition to this it is now possible to send Confirmation and Despatch emails to the Partner Agreement contact. The function is controlled by two Selected properties "290 - Generate Notification Mail for Confirmed Outbound Order using mail address from Partner Agreement Contact. Settings: 0 = never, 10 = only if order contact is missing, 20 = always" "291 - Generate Notification Mail for Despatched Outbound Order using mail address from Partner Agreement Contact. Settings: 0 =

		<p>never, 10 = only if order contact is missing, 20 = always”</p> <p>Emails are triggered both by transactional response (CS02 - Outbound Order Response, CS03 - Outbound Despatch Advice) and manual response in the PipeChain Java Client. The email information is somewhat changed: columns "Delivery Note Id" and "Delivery Complete" are added to the Despatch message the order type ("Purchase" or "Replenishment") is displayed in the mail header Sales Order Id is displayed if it exists the Comment column is suppressed in the Replenishment case since Customer Order Id is absent in the Replenishment case, BOTH Customer Order Line and Replenishment Order Line are used for sorting the rows</p>
PipeChain 4.9.0 22	Enhanced error messages when processing inbound despatch advice from supplier	<p>All error messages concerning inbound despatch advices has been enhanced now. They all contains the keyword "Despatch Advice stopped", the delivery note and in all possible cases the supplier id, the customer id from the supplier and the site Id. It should be possible to set up events on these error messages and send to the supplier directly.</p>
PipeChain 4.9.0 22	Supply Client: Performance improvement in the PipeChain Supply Overview screen	<p>The PipeChain Supply Overview screen, which is the the first screen you come to after login, sometimes suffer from poor performance. Depending on the number and state of Inbound Deliveries, the screen could sometimes take several minutes to load. That problem is now fixed.</p>
PipeChain 4.9.0 22	VMI - Cannot display the screen "Outbound Delivery Overview" with its default sort order	<p>The default sort order caused a SQL error, and the screen could not be displayed. The error was corrected.</p>
PipeChain 4.9.0 22	Analyzer: Three changes/corrections	<p>1 - Changes to the Inventory cube. All measures "Avg (%)". Error could cause that value did not show up in the cube. All measures of "(Curr)" type. Two decimals were added to the format, causes zeroes and small values to appear in the cube. All measures of "(Days)" and "(Units/Day)" type. One decimal was added to the format, causes zeroes and small values to appear in the cube. Requires that the OLAP database definition is updated (using the "restore" operation). 2 - Changes to the Inventory database view. The logic for "Active" measures was changed. A record where "In Transit" balance has unlimited duration (run-out time) will no longer be regarded as "inactive" as long as the balance on hand has limited</p>

		<p>duration. Note that records where "In Transit" balance has unlimited duration are still removed (NULL-ed) from "In Transit, Active" measures. Requires that a SQL script "ANALYZER_CORRECTION_View_FactInventory.sql" is run on the Analyzer database. 3 - Error correction for POC users where "Split order line at Confirmation" is allowed and PipeChain Analyzer is used. A "Split" flag was not set on the original line, which could cause PipeChain Analyzer to react erroneously (and remove split lines). Requires that the PipeChain.jar file is updated. Optionally, a script "SUPPORT_DEV2022_FIX_SPLIT_FLAG_ERROR.sql" can be run. It sets the "Split" flag on the original lines, then sets a flag which causes both original lines and split lines to be resaved to PipeChain Analyzer.</p>
PipeChain 4.9.0 23	Handled background job Update Order Statuses unnecessary error in message log	<p>The background job Update Order Statuses mission is to ensure the correct status of orders. It is triggered via several events. If the order had been deleted or moved to finished during the run of the background job, the job fails and logs an error. This this circumstance is not exceptional, only rare. The background job now continues to process any remaining orders, and does not log any errors.</p>
PipeChain 4.9.0 23	CS02 OrderResponse transaction now handles cancellation of already cancelled orderlines	<p>A cancellation by CS02 OrderResponse transaction on an orderline that is already cancelled is no longer handled as a fault. Previously, that line caused the transaction to be processed with error, and processing continued. Now this line will not cause error, but an information-only message will be logged.</p>
PipeChain 4.9.0 23	Own balance was updated twice in In & Out Deliveries in Inventory Chart	<p>Own balance was updated twice in In & Out Deliveries in Inventory Chart. This error is now corrected.</p>
PipeChain 4.9.0 23	Optimized POC webinterface screen Despatch Order Lines for faster display.	<p>Optimized Despatch Order Lines so it would run faster by eliminating datasources not used. Also other (Order) overview screens should notice a performance gain. Should considerably lessen the strain on the server.</p>
PipeChain 4.9.0 24	Platform: AutoConfirm via Event transactions	<p>Event transactions can be used to automatically confirm Messages and MCom Transactions. This is intended as a help for System Administrators. The function requires that - Events are configured and activated - the Event Scanning background job is enabled - the event User has enabled</p>

Event Export - the event User has enabled AutoConfirm by adding the string "AutoConfirm" somewhere in the Description field (this is changed to a checkbox in version 4.9.3) The function is executed by the Event Scanning background job. Before creating new event transactions, the available event transactions are used for AutoConfirm if - the Event transaction is not already handled - the Event transaction was successfully transmitted - the corresponding User conforms to the above conditions All Messages and MACom Transactions identified by such Event transactions are automatically confirmed.

PipeChain 4.9.0 24	Corrected label on Order and Orderline General Information text	The label for "General Information" on both Order and Orderline showed "Line Information" or "Deviation Information". Changed to show "General Information" in all instances. Note that Order General Information in SOC is Called "Head Information".
PipeChain 4.9.0 24	Web supplier's Outbound Order Overview screen does not count finished order lines	The orderlines column in the Web supplier's Outbound Order Overview screen does not count the orderlines that are finished. Changed this behaviour. Also added the respective orderlines count (order lines/finished order lines) on the respective tab header in Outbound Order Detail screen in the web.
PipeChain 4.9.0 24	Sales Order Id in Web Confirm Replenishment Order Lines	Previously the SalesOrderId was only fetched from the Head. You could thus not have different Sales Order Id's on an Replenishment order, even though the actual field is open for input. Also, SalesSubOrderId was not handled. Rectified these issues.
PipeChain 4.9.0 24	Suppliers Web Forecast Delivery Period Overview shows DelivQty instead of DmdQty	The forecast screen is supposed to display Demanded Quantity, instead of Delivery Quantity - which for a forecast has little meaning, and is just set to original Demanded Qty. This issue has now been addressed.
PipeChain 4.9.0 24	Prevent multiple login-attempts on the web	The login page now has scripting functionality to prevent multiple log-on attempts. Consecutive attempts before the original attempts is processed (which could take several seconds during intense server load). No customized versions have been upgraded.
PipeChain 4.9.0 24	Invoice transaction CS80 crashes	There is a problem that makes outbound (customer) invoice transaction crash when matching invoice and despatch. This issue has now been remedied.

PipeChain 4.9.0 24	Delivery suggestion generation did not work together with product supersession	The delivery suggestion generation does not handle demand when changing product. The first demand for the new product is missing. The inventory chart does not always handle product supersession in a correct way. These two problem is now corrected.
PipeChain 4.9.0 24	Failure when processing CS80 Invoice for "outbound" invoice	CS80 can sometimes get failure "Failed to fetch unique FinishedInDeliv object" when processing invoice reader and not finding any outbound order lines
PipeChain 4.9.0 25	CS80 Invoices transaction crash when no orderrow is found	When no orderrow corresponding to the data in the transaction is found, the CS80 Invoices transaction will crash with an ugly and error message, ie "Null". This has now been remedied.
PipeChain 4.9.0 25	Improved diagnostics	The Thread Dump at server shutdown is now full. The internal support info JSP page prints a full Thread Dump from the application server.
PipeChain 4.9.0 25	Add order line dialog was shown after confirm order with sub order type Syncro	Add order line dialog was shown after Order Confirm with sub order type Syncro. This is now changed so that this dialog is not shown.
PipeChain 4.9.0 25	Server Admin window hangs when displaying Users	Caused by a deadlock with the user's thread's database. The problem is now fixed, but the Server Admin window can no longer detect if the user's db is logged on or not.
PipeChain 4.9.0 25	POC Web login: Suppliers are always sorted by numbers	Suppliers are always sorted by numbers in the POC, regardless of the setting in Selected Property 1500, "Order by Partner name". This has to do with a performance upgrade in 4.9.0. The sorting has now been re-included.
PipeChain 4.9.0 25	WebShop: Incorrect error message was shown when doing check out basket	Incorrect error message was shown when doing check out basket. Message "Shipment time is to soon" was shown. This is now changed to "Shipment time is to soon prod leadtime" should be shown
PipeChain 4.9.0 25	Max balance in Own Bucket detail is sometimes incorrect when using several suppliers on one product (Multi sourcing)	Max balance in Own Bucket detail is sometimes incorrect when having several suppliers on one product and one of these suppliers has share percentage set to 0%. The Max Balance for a supplier that has 0% share should not be included when summarize Max balances to be shown in Own Bucket detail. Neither should Max Balance be

		included for a supplier that has 0% share when determining if Max Balance should be set to 0 if any supplier has Max Balance 0.0
PipeChain 4.9.0 25	Corrected schema and product discrepancies for CS80 invoice transaction.	There were discrepancies between XML schema and the actual implementation, particularly concerning attributes DelivNoteId and DeliveryNoteId on InvoiceHead and InvoiceLine level. (See XML schema.) These attribute names have been mutually interchangeable on both levels, and the schema has been changed to correspond to actual output.
PipeChain 4.9.0 25	POC: Unsuccessful line breaking in Order Printout	If e.g. a "Description" text contains the substring " " the text should be displayed with a line break there, both in HTML screens and in PDF printouts. However, if the text would start with " ", line breaking did not work properly in the PDF printout. The error was corrected.
PipeChain 4.9.0 25	Extra page break on individual label removed	There was an extra page break on the individual label. It has now been removed.
PipeChain 4.9.0 25	WebShop: Incorrect error message was shown when doing check out basket	Incorrect error message was shown when doing check out basket. Message "Shipment time is too soon" was shown. This is now changed to "Shipment time is too soon production leadtime is longer than to shipment time" should be shown
PipeChain 4.9.0 25	POC, VMI: Performance issue in background job UpdateDurationMeters	OwnProdNodes without any Inbound Delivery Agreement are now skipped in the background job UpdateDurationMeters. This may be beneficial if products are configured using unfiltered transactions.
PipeChain 4.9.0 25	POC: Reminder Mail displays wrong value for Order Subtype	Reminders for orders display the order's "Order Subtype Label" value. Reminders for order lines displayed the line's "Order Subtype" value. Now the value is retrieved from the order.
PipeChain 4.9.0 25	Partner resulting balance was not updated by suggestions in Inventory Chart/In & Out Deliveries tab	Partner resulting balance was not updated at all by suggestions in Inventory Chart/In & Out Deliveries tab. This error is now corrected.
PipeChain	Qty and Date changeable	The supplier should not be able to change an VMI-order if

4.9.0 26	on VMI order in suppliers web interface	its part of a supplier-managed inventory. That piece of logic was missing from the web interface screen. This issue has now been remedied.
PipeChain 4.9.0 26	Corrected html syntax which causes problems in Internet Explorer 9	Internet Explorer 9 has proven to have some problems with displaying the login page. The login page has been changed so that it displays correctly even in IE9. This feature could be installed without the need to upgrade to a Service Pack.
PipeChain 4.9.0 26	Despatch created with CS03 DespatchAdvice gets wrong Shipment- and Reception times.	The Shipment- and Reception times on the despatch created is not fetched from the Shipment data from the transaction, but is instead fetched from the Delivery's Confirmation. This is wrong, as the Shipment data should take previous data from the Confirmation. The error only occurs in the Advance Shipping Notice-case - when both DeliveryNoteId and DeliveryRowNo is specified - and has now been remedied.
PipeChain 4.9.0 26	Selected property 10022 Changeability has got a new value 3 which means no test.	The shipment time is not tested if the value is set to 3
PipeChain 4.9.0 26	POC: Forecast Delivery Period Overview doesn't include start date of interval	Error corrected. Values from the first date of the search interval weren't included in the forecast.
PipeChain 4.9.0 26	POC: Corrected week numbers in Forecast Delivery Period Overview	Error correction. The week containing 2012-Dec-31 and 2013-Jan-1 is now correctly displayed as "W01 '13".
PipeChain 4.9.0 26	Partner resulting balance was not updated by shipped deliveries in Inventory Chart In & Out Deliveries tab	Partner resulting balance was not updated by shipped deliveries in Inventory Chart In & Out Deliveries tab.
PipeChain 4.9.0 27	PipeChain Client: Faulty Business Key in screen Property Values	A faulty Business Key was displayed in the detail section of the Property Values screen, when it in fact should have been 0 (as was correctly displayed in the overview section).
PipeChain 4.9.0 27	Extended data in deviation and notification emails	The notification and reminder emails has been extended with the following attributes: Notification (Order Confirmation, confirm basket, etc): Line (replen), Requested Shipment Date, Requested Receipt Date,

		<p>ProductName, Customer Product Name, Requested Quantity, Unit of Measure, Requested Price, Currency, Discount Deviation - OrderResponse; Product Name, Customer Product Name, Unit of Measure, Currency, PriceUnit Deviation - Despatch: Product Id, Product Variant, Product Name, Product Description, Customer Product Id, Customer Product Variant, Customer Product Name. Customer Product Description. Unit of Measure Deviation - Invoice: Invoice Date, Payment Due Date, Delivery Note Id, Product Variant, Product Name, Customer Product Id, Customer Product Variant, Customer Product Name, Customer Product, Description, Unit Of Measure, Currency, PriceUnit</p>
PipeChain 4.9.0 27	<p>Outbound Order Response CS02 transaction could send despatch notification/deviation mail even if not shipping</p>	<p>The Outbound Order Response CS02 transaction could also be used for shipping. There is a bug wich allows the CS02 to send a notification/deviation mail even if the orderline is not a shipped in the transaction. This happens if the orderline is already partly shipped. This issue has now been corrected, and a despatch mail is only sent if the CS02 orderline is actually a shipping.</p>
PipeChain 4.9.0 27	<p>The quantity in column Inbound Delivery was double in Inventory Chart/Closing Inventory for not fully shipped and partial received deliveries.</p>	<p>The quantity in column Inbound Delivery was double in Inventory Chart/Closing Inventory for not fully shipped and partial received deliveries. This error is now corrected.</p>
PipeChain 4.9.0 27	<p>Despatch Note now shown in the i Web Interface's Despatch View.</p>	<p>The Despatch Note (Freetext field on Despatch) is now shown in the i Web Interface's Despatch View as "Note". Please set Selected Property 114 ("Display optional free text field in Despatch") to true in order to show the freetext.</p>
PipeChain 4.9.0 27	<p>Default web page shows garbled text</p>	<p>Some users have experienced that the default page of the web application just shows a bunch of garbled text in the browser, instead of "You will be redirected to the login page". Other users have question the need of that page. The solution to this is to direct the user to the loginpage instead of the default page, whenever that page is requested. This behavrior is now default, but customizable. This is not version dependent.</p>
PipeChain 4.9.0 27	<p>Incorrect CS00 Acknowledge transaction caused channel to stop</p>	<p>An incorrect CS00 Acknowledge transaction could cause the MACom channel to stop. This error is now corrected. Instead is know an error message written in message log</p>

and if the transaction is a file then it's moved to err-folder

PipeChain 4.9.0 28	POC: Transport Label - NULL pointer in Transport Label if the Order is not found	When displaying a Transport Label - if a Despatch Line does not find a corresponding Inbound Order, a null-pointer exception occurs. Changes: The order (or order lines) might be finished, thus they are also found in the corresponding FinishedXXX table. If the order is totally absent (a rare case), a check is added to prevent the null-pointer, and the text "[NOT FOUND]" is added after the Order Id.
PipeChain 4.9.0 28	VMI: Data Exchange does not send Reception Registrations with quantity = 0	If a row was shipped and received with partial quantity, then received and finished with a ZERO quantity, the last reception was NOT reported to the supplier. This would leave the supplier with an outbound delivery in status "Partially Received". Reception Registrations with quantity = 0 should also be sent in Data Exchange.
PipeChain 4.9.0 28	The combination of new product and Product supersession does not work in transaction ProductDefinition (CS08)	The transaction was set to error with the comment that the product did not exist. The rule is ignored in this case.
PipeChain 4.9.0 28	New order lines was created with wrong delivery type by CS02 transaction	New order lines was created with wrong delivery type by CS02 transaction. This was the case if the first order line in transaction CS02 was new.
PipeChain 4.9.0 29	Delivery suggestion generation does not handle party received deliveries correct	Delivery suggestion generation does not handle party received deliveries correct. i.e. if a delivery with qty 100 is party received with 90 then is the following suggestion to low or to late. The quantity of 90 is used twice when calculating virtual balance. The Closing inventory char was also incorrect values when having a partial received deliver. These two error is now corrected. Note these error are also corrected in release 4.9 and higher, but not in PipeChain 4.9.1.