

PipeChain Release Notes 4.9.5

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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 4.9.5

Here are actions for what to do before installation of PipeChain 4.9.5. Document describing how to install PipeChain 4.9.5 can be found at Customer login at www.pipechain.com - [Flow on demand](#) at customer login.

2.1 Actions before upgrading to PipeChain 4.9.5

Before upgrading to PipeChain 4.9.5 from a previous version than 4.9.4, 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 4.9.5 does NOT support SQL Server 2000 or 2005. SQL Server 2008 or 2008 R2 is required.

3 RELEASE NOTES PIPECHAIN 4.9.5

Release notes is a list of all new functions and corrections made in PipeChain 4.9.5. The list also includes all new functions and corrections delivered in service packs in PipeChain 4.9.4.

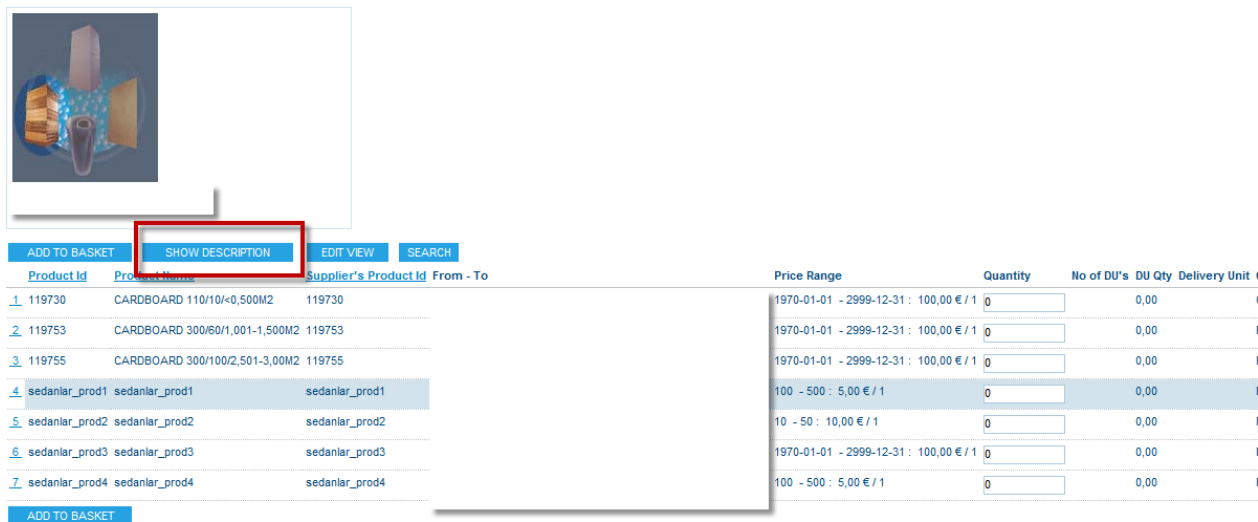
Please notice that this list is not updated after the release date of 4.9.5. Any new service pack in PipeChain 4.9.5 created after the release date of 4.9.5 is not included but can be found at www.pipechain.com, Customer login/Documentation/4.9.5/Service Pack Notes

3.1 New functions and improvements in 4.9.5

Description row for a product is added in WebShop.

A description row for a product has been added to a number of screens: To the Order Lines in the Order screen, where they can be hidden or shown by means of a button. To the Category overview screen, where they can be hidden or shown by means of a button. To the Basket Lines, with dynamic display for quick ordering line.

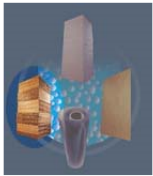
Click Show Description if you want to see the description for the products (if there is a description belonging to the product). Click Hide Description if you want to hide the description.



The screenshot displays the WebShop interface. At the top left, there is a 3D rendering of a cardboard box. Below it, a table lists products with columns for Product Id, Product Name, and Supplier's Product Id. A red box highlights the 'SHOW DESCRIPTION' button. To the right, a detailed view of a product line is shown, including a table with Price Range, Quantity, No of DU's, DU Qty, and Delivery Unit.

Product Id	Product Name	Supplier's Product Id
1. 119730	CARDBOARD 110/10/<0,500M2	119730
2. 119753	CARDBOARD 300/60/1,001-1,500M2	119753
3. 119755	CARDBOARD 300/100/2,501-3,00M2	119755
4. sedanlar_prod1	sedanlar_prod1	sedanlar_prod1
5. sedanlar_prod2	sedanlar_prod2	sedanlar_prod2
6. sedanlar_prod3	sedanlar_prod3	sedanlar_prod3
7. sedanlar_prod4	sedanlar_prod4	sedanlar_prod4

Price Range	Quantity	No of DU's	DU Qty	Delivery Unit
1970-01-01 - 2999-12-31 : 100,00 € / 1	0		0,00	1
1970-01-01 - 2999-12-31 : 100,00 € / 1	0		0,00	1
1970-01-01 - 2999-12-31 : 100,00 € / 1	0		0,00	1
100 - 500 : 5,00 € / 1	0		0,00	1
10 - 50 : 10,00 € / 1	0		0,00	1
1970-01-01 - 2999-12-31 : 100,00 € / 1	0		0,00	1
100 - 500 : 5,00 € / 1	0		0,00	1



ADD TO BASKET

HIDE DESCRIPTION

EDIT VIEW

SEARCH

	Product Id	Product Name	Supplier's Product Id	From - To
1	119730	CARDBOARD 110/10/<0,500M2	119730	
		Description: CARDBOARD 110/10/<0,500M2		
2	119753	CARDBOARD 300/60/1,001-1,500M2	119753	
		Description: CARDBOARD 300/60/1,001-1,500M2		
3	119755	CARDBOARD 300/100/2,501-3,00M2	119755	
		Description: CARDBOARD 300/100/2,501-3,00M2		
4	sedanlar_prod1	sedanlar_prod1	sedanlar_prod1	
		Description: sedanlar_prod1 test		
5	sedanlar_prod2	sedanlar_prod2	sedanlar_prod2	
		Description: sedanlar_prod2		
6	sedanlar_prod3	sedanlar_prod3	sedanlar_prod3	
		Description: sedanlar_prod3		
7	sedanlar_prod4	sedanlar_prod4	sedanlar_prod4	
		Description: sedanlar_prod4		

ADD TO BASKET



Price Range	Quantity	No of DU's	DU Qty	Delivery l
1970-01-01 - 2999-12-31 : 100,00 € / 1	<input type="text" value="0"/>			0,00
1970-01-01 - 2999-12-31 : 100,00 € / 1	<input type="text" value="0"/>			0,00
1970-01-01 - 2999-12-31 : 100,00 € / 1	<input type="text" value="0"/>			0,00
100 - 500 : 5,00 € / 1	<input type="text" value="0"/>			0,00
10 - 50 : 10,00 € / 1	<input type="text" value="0"/>			0,00
1970-01-01 - 2999-12-31 : 100,00 € / 1	<input type="text" value="0"/>			0,00
100 - 500 : 5,00 € / 1	<input type="text" value="0"/>			0,00

New interaction for changing Supplier and Customer in the PipeChain web client.

Users working on behalf of several suppliers can select specific, or "All", suppliers in a dropdown. The selection is displayed in the dropdown, instead of as a separate text. Users with access to several customers can select to view data on all customs, in some screens. Selecting "All Customers" is now done in the Customer dropdown, instead of a separate checkbox.

Pipe Chain®

flow on demand



Customer : DEMO1 (DEMO1) | MyBusiness (MyBusiness) ▼

Supplier : All Suppliers ▼

ForecastConfirmationShippingInvoicingMonitoringSettingsPipeChain Info

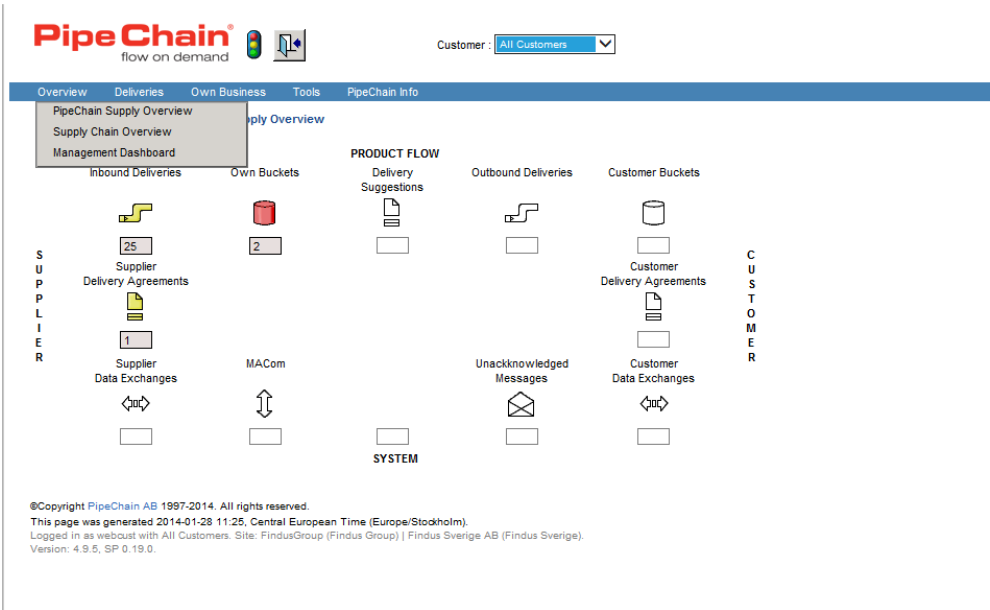
Web Suppliers Overview

Customer

..

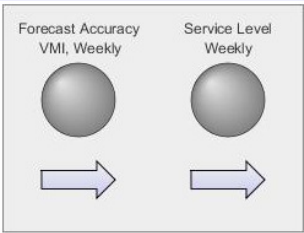
Management Dashboard screen is available in Web Customer Interface.

Management Dashboard is now available in for the Web customer as it is for PipeChain desktop client and supplier web client users. You will find the Management Dashboard in the Overview menu on the web.



Management Dashboard

Current Key Performance Indicators



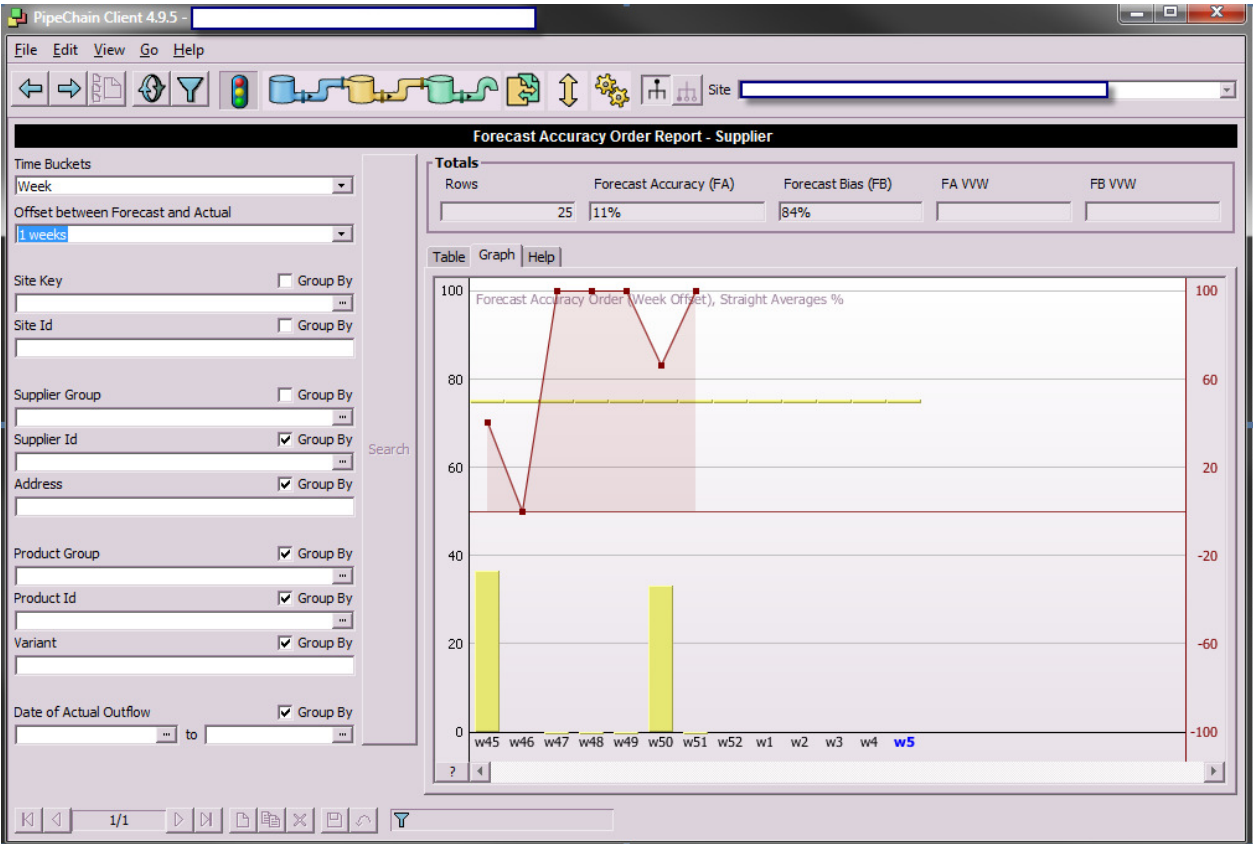
Historical Performance

Filter & Settings				
Product Id	<input type="text"/>	Forecast Accuracy VMI	Daily	Weekly
Supplier's Product Id	<input type="text"/>	Service Level	Daily	Weekly
<input type="checkbox"/> Allow Broken Scale		SL Meter & Stock Days	Daily	Weekly
		Service Level & Forecast Accuracy	Daily	Weekly
		Stock Days (Straight Averages)	Daily	Weekly
		Stock Days (Volume Value Weighted)	Daily	Weekly
		Stock Value	Daily	Weekly

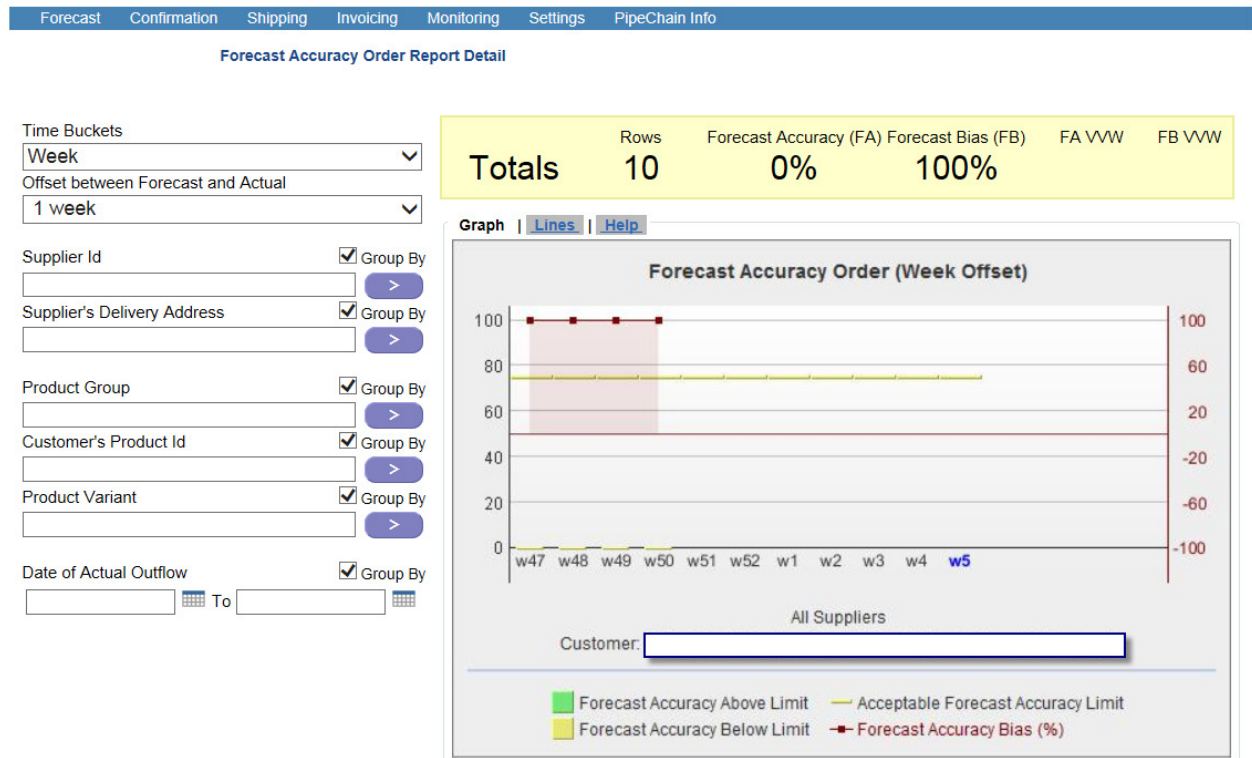
New screen Forecast Accuracy Order Report in PipeChain desktop client and Web client.

The new screen describes previously, historical PipeChain Analyzer KPIs could be monitored in the Dashboard (as KPIs or graphs) or in full detail in OLAP. A built-in report screen aims to offer analysis in far greater detail than in the Dashboard, with a lower knowledge threshold and lower response times than OLAP/Excel. Additional KPIs will be implemented as Report Screens in the future. This report shows the Forecast Accuracy Order KPI with daily/week resolution, both for supplier side and customer side. It is available in both the Desktop client and the

In PipeChain desktop client



In PipeChain web client.



Other Improvements and corrections in PipeChain 4.9.5

Product/title

Description

WebShop: Quick ordering auto complete list was not showing any products. This error is now corrected.

Quick ordering auto complete list was not showing any products. This is corrected.

Inbound/Outbound VMI /WebEDI: New logic for dialog "Is this the last part of this PipeChain"

New logic is added for dialog "Is this the last part of this PipeChain" when doing goods reception in PipeChain client. From now on do user don't have to confirm once more about last reception if they have actively changed from "last reception" to "not last reception". Thys was the case before this change.

WebShop: It's now possible to send PW48 Outbound Despatch Advice for commission call-off orders

It's now possible to send PW48 Outbound Despatch Advice for commission call-off orders. PW48 must be mapped to a channel and this channel must be entered in Outbound Partner Agreement.

WebShop: PW40 Customer Purchase Order. The attribute Order Date is used if the order is created with property 'Create an order as from webshop'.

This functionality is only available if the selected property 10027 'Create an order as from webshop' is set. The attribute OrderDate is then read from the input data file and is used in the order. The Order Date can not be before yesterday if property 10016 'Allow Ordering in past time' is set to 'false' and 10003 'Date used to find valid price range' is set to 'order date'. The time for yesterday is used instead of now (as in the webshop) since the order data comes from an external ERP system and might have taken some time to be transferred to PipeChain.

WebEDI: Changed logic for setting Ready For Shipment and Despatch Prepared Qty

Before this change was Despatch Ready For Shipment and Prepared Qty set to the same as Shipment Time and Shipped Qty when Shipping and not using Ready For Shipment. This is now changed so that Ready Shipment date has no date and Prepared Qty is not updated when shipping.

WebShop: Select Shipment or Reception Time in Forecast Period Overview

You can select if the Forecast Period Overview should display Shipment or Reception Time by setting Selected Property 7004.

VMI Inbound: CS10 fails if there as already a delivery agreement with another supplier

The transaction failed, in the message appeared "Failed to delete record SupplPartialFlowModel ". The error is corrected.

PipeChain Client: Night Job "Database Consistency Check" sometimes failed due to an initiation failuro in BOWorkDays

Night Job Database Consistency Check sometimes failed due to an initiation failuro in BOWorkDays with an error message: containing "Error cause is Internal error: Tried to initialize this BOWorkDays twice, this is not allowed". The problem is now solved.

PipeChain Client: Backgrond job Finish Order executes eternal loop when fail to do automatic receipt or finish order line

Backgrond job Finish Order executes eternal loop when fail to do automatic receipt or finish order line. This error is corrected.

VMI Inbound: Replenishment keys are copied to to Purchase keys

For orders of Replenishment type, the order id and order line id are now copied to the corresponding Purchase Order keys, thus avoiding empty keys. This is valid only for the PipeChain Supply inbound side, and does not apply where Blanket Order is used.

WebEDI: New interaction for changing Supplier and Customer

Users working on behalf of several suppliers can select specific, or "All", suppliers in a dropdown. The selection is displayed in the dropdown, insted of as a sparate text. Users with access to several

customers can select to view data on all customers, in some screens. Selecting "All Customers" is now done in the Customer dropdown, instead of a separate checkbox.

WebEDI: The length of the field Price Unit is extended to 35 characters	Was 20 characters before.
WebShop, Outbound VMI: Orderlines were displayed twice in some screens	This error occurred for several screens in both Java Client and WebShop Client when two different supplier products (accidentally) were given the same customer Product Id. When a Delivery Agreement is inserted/updated, logic aimed to prevent this situation, but the logic was not fully correct. Now the logic is corrected, however there may still be old data where the problem occurs. If so, the corresponding Delivery Agreements can be corrected.
Analyzer: the Dashboard view SL Meter Graph Cust does not show correct data	Instead data from the supplier side was shown. The error is corrected.
WebEDI: Fixed problem when importing Forecasts	Importing a Forecast with dates around the new year could fail because of a bug. That problem is now solved.
WebShop: Forecast Period Overview can show multiple forecasts	The screen Forecast Period Overview can show multiple forecasts.
WebEDI: Transaction conflict when deleting an inbound order	Transaction conflict occurred when deleting an inbound order, e.g. using OrderChangeOperation="ReplaceAllOrderLines" and no order lines. The error is corrected.
PipeChain Client: Night job 'Database Consistency Check' has been optimized	The night job 'Database Consistency Check' will now run considerably faster in installations with many sites. Most dramatic effect is seen if many Delivery Agreements use Business (or Server) level Param Groups.
WebShop: Customer Catalogues are autodeleted if "Single Site Catalogues" are used	A new Selected Property 10028 - "WebShop - Is Single Site Catalogue. Use on business level only!" is introduced. If set, a Customer Catalogue always refers to a single Site and a single Customer, and then can thus be removed automatically if a Partner Agreement is removed.
WebEDI: Quantity check of	Quantity check of "Qty per Package" was not always done in Create

Qty per Package was not always done in Create Despatch Screen

Despatch Screen, it was only done if Selected Property "[110] Use same quantity per Despatch Package per line. Valid values in Setting: true, false. Default: false" has value false. But the check if value is greater than 0.0 should be done regardless of value on selected property 110. This is now corrected.

Analyzer: data were not saved to table FlowPeriodDayDiff when the Consumption calendar has a closed day

The logic was changed so that a FlowPeriodDayDiff record is saved anyway. It will contain the "real outflow" (not always zero), and if there is any flow model outflow (may occur on closed days in some cases) this is saved and corresponding accuracy is computed.

WebShop: Possible to create "Web Shop" orders with transaction PW40

It's now possible to create "Web Shop Order by sending transaction PW40 to PipeChain. The order will be checked according to the same rules that is used when creating a web shop order with the web access. A new Selected Property [10027] WebShop - Create an order as from webshop when handling transaction PW40 and PW51 must be set up with value true to activate this function.

PipeChain Client: Could not create trigger transaction XX01

It was not possible to create a trigger transaction XX01 from IComp Background Job converter. This error is now corrected note that The IComp BGJ converter needs also to be updated to version 1.0.1

Inbound / Outbound VMI: Customer Inventory transaction (CS04) was processed ok even if product elements were missing

If neither CustomerProduct nor SupplierProduct element is supplied, the transaction should fail. However, if an OwnProduct element was present, the transaction processed ok anyway. In this case it should fail. This error is now corrected.

Inbound / Outbound VMI: Own bucket detail screen is corrected

In some situations delivery agreements and inbound deliveries with the same product id are shown although they do not belong to current site. This erroneous behaviour is corrected.

PipeChain Client: It's now possible to enter SOAP Action for SOAP Sending

It's now possible to enter SOAP Action for SOAP Sending. If SOAP Action should be used it should be entered in MACom Channel Transaction detail Screen. The SOAction is applied as an own http mime header in soap 1.1. In soap 1.2 is the SOAPAction added to content-type header as Content_type: Application soap+xml;action=MySOAPAction

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

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

WebEDI / Inbound VMI: Previous Confirmed Quantity now sent in PW05	The previously confirmed quantity, PrevConfirmedQty, is now sent in PW05, in addition to the existing fields OriginalQty (First Confirmed) and ConfirmedQty (Last Confirmed).
PipeChain Client: Added support for SOAP protocol version 1.2 for MACom SOAP sender	It's now possible to send SOAP transaction in both version 1.1 (default) and version 1.2. The SOAP envelop has different name space and the http request and different depending on version.
Inbound / Outbound VMI: Two new transactions Sales data report CS54 and Customer Sales Data Report PW54	A Sales Data Report Updates Real Outflow in Own Bucket (CS54) and Real Outflow in Customer Bucket (PW54). Another new function is that background program Update Outflow is now updating Own Bucket flow meter with Own Bucket Real Outflow as a source if Own Site Compute Real Outflow is unchecked. In the same way is Customer Bucket flow meter from Customer Bucket Real Outflow if Outbound Partner Agreement Compute Real Outflow is unchecked. The updating of flow meter is done in the same ways as when PipeChain is calculating outflow itself, but this gives the possibility to update real out flow in PipeChain with a transaction.
WebShop: Order lines could be created with demand dates set to 1970-01-01	Order lines could be created with demand dates set to 1970-01-01 when confirming basket in web shop. This is now blocked, a message is displayed that demand receipt time/demand shipment time is not set.
PipeChain Client: Web Start adapted for raised security baseline in Java 1.7.0_45	Java version 1.7.0_45 raised the "security baseline" for Java Web Start. The PipeChain Client is adjusted accordingly.
Outbound VMI: PW51 Improved error messages	The error messages, appearing when a PW51 transaction fails, are now improved to facilitate trouble shooting.
PipeChain Client: Configuration of transaction sender	The configuration of Sender in an outbound transaction's head has been changed. The text used as Sender can be edited in a number of places, but they override each other in a predictable way. The priority in which they are selected is: 1. Sender specified in Channel-Transaction screen 2. Sender Id and Sender Address Id in Channel screen 3. System Id in the Server System Settings dialog (on the View menu)
WebEDI: Wrong order was sometimes shown in screen	Wrong order was sometimes shown in screen Adjust Shipped Order Detail when using link from screen Order Overview. A consequence

Adjust Shipped Order Detail when using link from screen Order Overview

of this was that adjust button and delete button could not be used. This error is corrected.

Inbound VMI: Show Safety Balance and Max Balance in web screen "Delivery Suggestion Overview"

These columns appeared in the screen, but they never contained any data. They are important to make color-coding of other columns (balance and duration) understandable.

PipeChain Client: Changed logic for SOAP fault when sending transaction with a SOAP channel

Changed logic for SOAP fault when sending transaction with a SOAP channel so that a fault causes transaction state Transmitted Error instead of resending transaction.

Inbound VMI: GrossDemand transaction (PW25) is extended with InventoryReportDate

The ProductBalance is extended with InventoryReportDate

WebShop: PW40 Improved error messages

The error messages, appearing when a transaction fails, are now improved to facilitate trouble shooting.

Analyzer: Relative Differences are computed erroneously in FactDelivery

Example: Normally the relative difference from DemandPrice to ConfirmedPrice is computed as $(\text{ConfirmedPrice} - \text{DemandPrice}) / \text{DemandPrice}$. When DemandPrice is zero, division is not possible. Then the difference was set to 0%. Now the computation is taken a step further: If both values are zero - the difference is 0%, but if $\text{ConfirmedPrice} > 0$ then the difference is set to +100%. The Delivery Precision KPIs (Key Performance Indicators) may also be affected by this error, although it is uncommon that Demand Quantity, First Confirmed Quantity or Last Confirmed Quantity are zero.

Inbound VMI: Showing deliveries from "Schedules to reconsider" should not show deliveries without errors and warning

Showing deliveries from "Schedules to reconsider" should not show deliveries without errors and warning. This is now changed. Some sort order errors also corrected in screen Customer Bucket Detail/Change Confirmed Orders

Analyzer: Operation to undo a Delivery Precision error in PipeChain Supply and Analyzer

This operation may be used if a Delivery Precision error has been registered, but afterwards it was concluded that the supplier was not to blame after all. The operation "Undo Delivery Precision Error" is applied in the PipeChain client, on one delivery at a time. It is available in the Inbound Delivery Overview or Finished Inbound Delivery Overview screens as a menu choice. Site Administrator privileges are required. The function works in two steps, 'analyze' followed by a conditional 'undo'. The operation checks if Delivery

	Precision is measured against Shipment or Receipt parameters. The operation also checks if Delivery Precision is measured against Last Confirmed or First Confirmed (Selected Property 8040) parameters. If there is no DP error, a dialog box replies so, otherwise a dialog asks the user to confirm the operation. This 'analyze' operation is made using the Analyzer data, the 'undo' is made in PipeChain Supply and propagates to PipeChain Analyzer at the next Analyzer Poll.
WebShop: Customer Purchase order PW40 is extended	ShipmentTime and ReceptionTime is added to OrderHead
WebShop: Order Response PW05 is extended	RemainderRowNo, PriceBase, PriceUnit and EdiStatus is added.
WebEDI/WebShop: Despatch Advice CS03 and PW48 are extended	Waybill no, forwarding agent, gate, port, final destination and storage location are added to both messages.
WebEDI: Colors on quantity cells was inconsistent in screen Forecast History Detail	Colors on quantity cells are shown in a inconsistent way in screen Forecast History Detail. The cell color is sometimes blue and sometimes not when the previous cell is blank. This is now changed so changing from blank cell to a quantity is always blue and changing from a quantity cell to a blank is always yellow. Note that the first line in this screen has no color.
Inbound VMI / WebEDI: Correct reception schedule was not selected by default when creating new delivery agreement on supplier web	Correct reception schedule was not selected by default when creating new delivery agreement on supplier web. Only reception schedules related to the supplier for which the delivery agreement is created should be populated in the drop down list when choosing reception schedule.
WebEDI: Possible to view several sites in Forecast Overview screen.	Possible to view several sites in the Forecast Overview screen. The screen has multi site functionality. Column Customer Info is also added in the screen.
PipeChain Client: Added possibility to route incoming transaction after it has been processed	Added possibility to route incoming transaction to an outgoing transaction after all its fragments have been processed. The Routing flag true/false is changed to have several values: No Routing After received, no processing After processing, independent of if any fragment was processed ok (New) After processing, at least one fragment processed ok (New) After processing, all fragments processed ok (New)
PipeChain Client: Product	The Product Family field in the Production Order screen has been

Family in Production Order screen no longer restricted to 20 characters

erroneously restricted to 20 characters. It's now correctly restricted to 35 characters.

WebEDI: Updating a cancelled order line with CS40 is now only generating Processed With Warning

Updating a cancelled order line with CS40 is now only generating Processed With Warning instead of Processed Error for the whole order. If the update in CS40 is cancelling of the order line then is the update of order lines just ignored and no warning or error created.

Analyzer: Built-in Report screen for KPI Forecast Accuracy Order (part 1)

Previously, historical PipeChain Analyzer KPIs could be monitored in the Dashboard (as KPIs or graphs) or in full detail in OLAP. A built-in report screen aims to offer analysis in far greater detail than in the Dashboard, with a lower knowledge threshold and lower response times than OLAP/Excel. Additional KPIs will be implemented as Report Screens in the future. This report shows the Forecast Accuracy Order KPI with daily/week resolution, both for supplier side and customer side. It is available in both the Java client and the Web Supplier client. In the Web Supplier client, the 'Site' and 'Supplier' choice is controlled by the WebEDI client setting, 'Supplier Group' is not available. Report screens have several common features: - you can look at the data either as a 'Table' view or a 'Graph' view, and switch between these views in an instant - the table consists of common keys (dimensions) and report specific KPIs and entities, the graph always shows KPIs over time - in the report header a 'Totals' panel shows KPI values aggregated over all lines shown in the table - you can 'Filter' (limit) your data with respect to the keys; site, partner, product or date in any combination - the filter affects the table view, the graph view as well as the totals panel - partners can be filtered on Group level, Partner level or Delivery Address level - products can be filtered on Group level, Product Id level or Product Variant level - wildcards are allowed - you can 'Group' your data with respect to the keys; site, partner, product, date or Partner/Product group in any combination - grouping only affects the table view - if you e.g. group by everything but date, all rows where keys only differ in date will be aggregated (summed or averaged). The number of visible rows will depend on this, and the 'Date' column will be empty.

Analyzer: Built-in Report screen for KPI Forecast Accuracy Order (part 2)

(continued) - there may also be report specific 'Settings', in this report 'Forecast Offset' (how many days "older" is the forecast than the outcome) - after changing filter you push an 'Update' button to apply the changes - you can sort by most keys and KPIs - the Forecast Accuracy Order report 'Table' view presents the Forecast Accuracy Order and Forecast Bias Order KPIs, both as straight averages and as volume value weighted averages - in addition to this, Forecasted Quantity, Actual Quantity and Volume Value is displayed. In case of grouping, both quantities are summed, whereas the volume value is

averaged - the 'Graph' view shows both Forecast Accuracy Order and Forecast Bias Order KPIs (similar to the Dashboard view). Using the popup menu you choose either straight or volume value weighted averages - the 'Help' tab contains a detailed description on the different parts of and the usage of the report

WebEDI: Added supplier name and Price in Blanket Order Overview screen

Added supplier name and price from Price Range in Blanket Order Overview screen

WebEDI: null-pointer when sending confirmation email (MP01)

In version 4.9.4, possibility to attach XML attachments were introduced. This function did not handle missing attachment. The error was corrected.

WebEDI: Receive Order Lines in web client.

An overview screen where you can select lines from more than order and make a single goods reception for all lines is now available.

PipeChain Client: Tomcat 7 instruction metadata-complete="true" in web.xml

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

WebEDI: CS40 without Purchase Order Id

It's now possible to send a CS40 with a blank, or missing, Purchase Order Id provided that: 1. The CS40 contains Sales Order Line Id (also used as Purchase Order Line Id 2. The Selected Property "[7003] Allow blank Purchase Order Id in CS40 ..." is set to true 3. A Purchase Order Id Prefix is defined (Own Site in PipeChain Client)

WebEDI: Additional price is added to the price interval in the delivery agreement

The additional price is to be considered as a comment. It can be updated and handled in the Java client and by transactions but is not further handled by the system

WebEDI: Changes in Forecast History screen

Possible to search from and to dates. Backlog column removed, instead shows data on all dates of found forecasts. Column header representing 'today', 'this week' or 'this month' is highlighted. Screen can show a maximum of 100 lines. A message is displayed when search yields more.

WebEDI: Receipt Reported Time is added to Despatch Overview and Despatch Detail screen.

The Despatch Detail screen is also reorganised so the dates are presented in a more logic order.

WebEDI: Showing changed forecast quantity by colors in

The application is now showing changed forecast quantity by colors in screen Forecast Delivery Period Overview. Reduced quantity is

screen Forecast Delivery Period Overview	shown as yellow and increased quantity is shown as blue. Changes are related to earlier forecast. If there is a comment related to a forecast quantity then is a red frame shown around the quantity cell.
WebEDI: Column "Last Adjusted" is added in screen Forecast Delivery Period Overview and Delivery Schedule Product	A column "Last Adjusted" is added in screen Delivery Schedule Product. This column shows the date when any of the forecast quantities were last adjusted. Forecast periods in past time are not considered for adjustment date. If there is a change on quantites then the "Last Adjusted" date is populated by Forecast Date.
WebEDI: The order web service for fetching order lines are extended with three new attributes	The order web service for fetching order lines are extended with three new attributes. These three new attributes are Status (Not_Received), Received), SalesOrderId and SalesOrderLineId. For complete schema for the web service contact PipeChain
WebEDI: Despatch is now updated when receiving whole order	Despatch is now updated when receiving whole order from Receive Order Screen. The Despatch Status is updated to Received and Goods Receipt Time is updated to current time and on despatch rows are received quantity and flag reception Finished is set to true for all rows in the despatch.
WebEDI: Hidable mark-box in Create Despatch now working	Some clients does not wish to give their suppliers the possiblity to ship only some orderlines on an order. Thus Mark-box where you select the which rows to despatch must be hidden. But hiding the Mark-box causes no lines to be shipped, as no lines will then be marked. This issue has now been resolved, and if the Mark-box is hidden, all lines on the order are included in the despatch.

3.2 New functions in 4.9.4 Service Packs

4.9.4 01 PipeChain Client: Two new transactions Sales data report CS54 and Customer Sales Data Report PW54	A Sales Data Report Updates Real Outflow in Own Bucket (CS54) and Real Outflow in Customer Bucket (PW54). Another new function is that background program Update Outflow is now updating Own Bucket flow meter with Own Bucket Real Outflow as a source if Own Site Compute Real Outflow is unchecked. In the same way is Customer Bucket flow meter from Customer Bucket Real Outflow if Outbound Partner Agreement Compute Real Outflow is unchecked. The updating of flow meter is done in the same ways as when PipeChain is calculating outflow itself, but this gives the possibility to update real out flow in PipeChain with a transaction.
4.9.4 01 Inbound VMI: Three	Three new fields are added to Blanket Order screen. On each line is

new fields are added to Blanket Order screen

"Received Not Invoiced Amount" added. On top of page are "Total Received Project" and "Total Received Not Invoiced Project" added.

4.9.4 04 **WebShop:** Dashboard available in standard menu system The Management Dashboard screen is now available under "Overview" in the standard Web Customer's interface.

3.3 Corrections in 4.9.4 Service Packs

Version/SP	Title	Description
4.9.4 01	WebEDI: Party Shipped orders was not shown in reconfirm overview screen when having selected property 10 set to value 55 "Allowed for confirmed order lines"	Party Shipped orders was not shown in reconfirm overview screen when having selected property 10 set to value 55 "Allowed for confirmed order lines". They should be shown in this screen if there are any line that is not shipped and has status Confirmed. This error is now corrected.
4.9.4 01	WebEDI: Despatch package quantity sum check not compatible with package size automation	The package qty sum check that was developed in 4.8.0 ensures that the sum of the all package quantities are equal to the quantity you are shipping. Sel Prop 110 however, auto-generates a number of packages based on your preferred package size. If that quantity is not equal to the quantity you are shipping (ie, you ship one single package) you will get an error that prevents you from shipping. This only affects those who ship using packages. This issue has been remedied by removing the check if Sel Prop 110 is set up to autogenerate package size.
4.9.4 01	PipeChain Client: Two new transactions Sales data report CS54 and Customer Sales Data Report PW54	A Sales Data Report Updates Real Outflow in Own Bucket (CS54) and Real Outflow in Customer Bucket (PW54). Another new function is that background program Update Outflow is now updating Own Bucket flow meter with Own Bucket Real Outflow as a source if Own Site Compute Real Outflow is unchecked. In the same way is Customer Bucket flow meter from Customer Bucket Real Outflow if Outbound Partner Agreement Compute Real Outflow is unchecked. The updating of flow meter is done in the same ways as when PipeChain is calculating outflow itself, but this gives the possibility to update real out flow in PipeChain with a transaction.
4.9.4 01	PipeChain Client: Web Start adapted for raised security baseline in Java 1.7.0_45	Java version 1.7.0_45 raised the "security baseline" for Java Web Start. The PipeChain Client is adjusted accordingly.
4.9.4 01	WebShop: Order lines could be created with demand dates set to 1970-01-01	Order lines could be created with demand dates set to 1970-01-01 when confirming basket in web shop. This is now blocked, a message is displayed that demand receipt time/demand shipment time is not set.
4.9.4 01	Inbound VMI: Showing deliveries from "Schedules to reconsider"	Showing deliveries from "Schedules to reconsider" should not show deliveries without errors and warning. This is

	should not show deliveries without errors and warning	now changed. Some sort order errors also corrected in screen Customer Bucket Detail/Change Confirmed Orders
4.9.4 01	WebEDI: Updating a cancelled order line with CS40 is now only generating Processed With Warning	Updating a cancelled order line with CS40 is now only generating Processed With Warning instead of Processed Error for the whole order. If the update in CS40 is cancelling of the order line then is the update of order lines just ignored and no warning or error created.
4.9.4 01	WebEDI: null-pinter when sending confirmation email (MP01)	In version 4.9.4, possibility to att XML attachments were introduced. This function did not handle missing attachment. The error was corrected.
4.9.4 01	PipeChain Client: Product Family in Production Order screen no longer restricted to 20 characters	The Product Family field in the Production Order screen has been erroneously restricted to 20 characters. It's now correctly restricted to 35 characters.
4.9.4 01	PipeChain Client: Tomcat 7 instruction metadata-complete="true" in web.xml	The instruction metadata-complete="true" should speed up the start of Tomcat 7.
4.9.4 01	WebEDI / VMI: Exception when processing Partner Definition transaction CS43	There was an exception when processing Partner Definition transaction CS43 related to logging changes in selected property and property values. This error is now corrected.
4.9.4 01	WebEDI: Invoice Status is now updated to Invoiced when retrieving delivery note data by web service Order.getDeliveryNoteOrderLines	Invoice Status is now updated to Invoiced when retrieving delivery note data by web service Order.getDeliveryNoteOrderLines. The invoice status is updated on order, order lines and despatch.
4.9.4 01	WebEDI: Calculation of "too few" and "too many" was not correct when have suggestion before deliveries	Calculation of "too few" and "too many" was not correct for a delivery when having suggestions before the reception. This is now corrected.
4.9.4 01	WebShop: Received order was not moved to finished orders after goods reception in Web Shop	Received order was not moved to finished orders after goods reception in Web Shop. The order lines where moved but the order was not moved to finished orders.
4.9.4 01	WebEDI / VMI: Orders without order lines was not moved to finish orders by background program Finish Order	Orders without order lines was not moved to finish orders by background program Finish Order. This error is now corrected.
4.9.4 02	Analyzer: Operation to undo a Delivery Precision error in PipeChain Supply and Analyzer	This operation may be used if a Delivery Precision error has been registered, but afterwards it was concluded that the supplier was not to blame after all. The operation "Undo Delivery Precision Error" is applied in the PipeChain client, on one delivery at a time. It is available in the Inbound Delivery Overview or Finished Inbound Delivery Overview screens as a menu choice. Site Administrator privileges are required. The function works in two steps, 'analyze' followed by a conditional 'undo'. The operation checks if Delivery Precision is measured against Shipment or Receipt parameters. The operation also checks if

		<p>Delivery Precision is measured against Last Confirmed or First Confirmed (Selected Property 8040) parameters. If there is no DP error, a dialog box replies so, otherwise a dialog asks the user to confirm the operation. This 'analyze' operation is made using the Analyzer data, the 'undo' is made in PipeChain Supply and propagates to PipeChain Analyzer at the next Analyzer Poll.</p>
4.9.4 02	Analyzer: Relative Differences are computed erroneously in FactDelivery	<p>Example: Normally the relative difference from DemandPrice to ConfirmedPrice is computed as $(ConfirmedPrice - DemandPrice) / DemandPrice$. When DemandPrice is zero, division is not possible. Then the difference was set to 0%. Now the computation is taken a step further: If both values are zero - the difference is 0%, but if ConfirmedPrice > 0 then the difference is set to +100%. The Delivery Precision KPIs (Key Performance Indicators) may also be affected by this error, although it is uncommon that Demand Quantity, First Confirmed Quantity or Last Confirmed Quantity are zero.</p>
4.9.4 03	VMI Inbound: Show Safety Balance and Max Balance in web screen "Delivery Suggestion Overview"	<p>These columns appeared in the screen, but they never contained any data. They are important to make color-coding of other columns (balance and duration) understandable.</p>
4.9.4 04	WebEDI: Fixed problem when importing Forecasts	<p>Importing a Forecast with dates around the new year could fail because of a bug. That problem is now solved.</p>
4.9.4 04	WebEDI: Transaction conflict when deleting an inbound order	<p>Transaction conflict occurred when deleting an inbound order, e.g. using OrderChangeOperation="ReplaceAllOrderLines" and no order lines. The error was corrected.</p>
4.9.4 05	VMI Inbound: Replenishment keys are copied to Purchase keys	<p>For orders of Replenishment type, the order id and order line id are now copied to the corresponding Purchase Order keys, thus avoiding empty keys. This is valid only for the PipeChain Supply inbound side, and does not apply where Blanket Order is used.</p>
4.9.4 05	PipeChain Client: Background job Finish Order executes eternal loop when fail to do automatic receipt or finish order line	<p>Background job Finish Order executes eternal loop when fail to do automatic receipt or finish order line. This error is now corrected.</p>
4.9.4 06	PipeChain Client: Night Job "Database Consistency Check" sometimes failed due to an initiation failure in BOWorkDays	<p>Night Job Database Consistency Check sometimes failed due to an initiation failure in BOWorkDays with an error message: containing "Error cause is Internal error: Tried to initialize this BOWorkDays twice, this is not allowed". The problem is now solved.</p>
4.9.4 06	WebEDI: Quantity check of Qty per Package was not always done in Create Despatch Screen	<p>Quantity check of "Qty per Package" was not always done in Create Despatch Screen, it was only done if Selected Property "[110] Use same quantity per Despatch Package per line. Valid values in Setting: true, false. Default: false" has value false. But the check if value is greater than 0.0</p>

		should be done regardless of value on selected property 110. This is now corrected.
4.9.4 06	Inbound / Outbound VMI: Own bucket detail screen is corrected	In some situations delivery agreements and inbound deliveries with the same product id are shown although they do not belong to current site. This erroneous behaviour is corrected.
4.9.4 06	Analyzer: the Dashboard view SL Meter Graph Cust does not show correct data	Instead data from the supplier side was shown. The error was corrected.
4.9.4 06	VMI Inbound: CS10 fails if there as already a delivery agreement with another supplier	The transaction failed, in the message appeared "Failed to delete record SupplPartialFlowModel ". The error was corrected.
4.9.4 06	PipeChain Client: Hidable mark-box in Create Despatch now working in the Web Client.	Some clients does not wish to give their suppliers the possibility to ship only some orderlines on an order. Thus Mark-box where you select the which rows to despatch must be hidden. But hiding the Mark-box causes no lines to be shipped, as no lines will then be marked. This issue has now been resolved, and if the Mark-box is hidden, all lines on the order are included in the despatch.
4.9.4 06	Analyzer: data were not saved to table FlowPeriodDayDiff when the Consumption calendar has a closed day	The logic was changed so that a FlowPeriodDayDiff record is saved anyway. It will contain the "real outflow" (not always zero), and if there is any flow model outflow (may occur on closed days in some cases) this is saved and corresponding accuracy is computed.
4.9.5	WedEDI: null-pinter when sending confirmation email (MP01)	In version 4.9.4, possiblity to att XML attachments were introduced. This function did not handle missing attachment. The error was corrected

