

PipeChain Release Notes 4.1.0

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1 USER REFERENCE MANUAL 4.1.0

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 RELEASE NOTES 4.1.0

Upgrade to version 4.1.0.

Before upgrading to PipeChain 4.1.0

Before upgrading to PipeChain 4.1.0 from a previous version than 4.0, please follow the instructions for 4.0.0.Changes in database installation

Important Database Installation Change

There are new default passwords for database users 'PipeChainExec' and 'PipeChainRead'. The new passwords conform to Microsoft SQL Server 2005's rules for password complexity. This will affect you if

- you are upgrading your PipeChain to 4.1.0 from an earlier version, and your database already contains a login called 'PipeChainExec'.
- your PipeChain Server uses SQL Server Authentication to connect the user 'PipeChainExec'
- you'd like to use the new PipeChainServer.properties configuration file (located in the \bin folder) that ships with version 4.1.0

If all these conditions are met, you need to check your PipeChainServer.properties configuration file, and make sure that the properties

se.masystem.pipeline.server.dbuser

se.masystem.pipeline.server.dbpassword

match the user that is defined in your database

Before upgrading to PipeChain Analyzer 4.1

Please note that a detailed upgrade instruction can be found along with the upgrade SQL scripts (ANALYZER_040000_TO_040100_HOW_TO.txt) on the PipeChain ftp-server.

Platform

New functions

Database changes

SQL Server 2005 notes

1. Passwords

Please note that passwords in SQL Server 2005 are case sensitive.

2. Network protocols

PipeChain uses the TCP/IP network protocol for communication with the database. After installation of SQL Server 2005, you might need to enable that protocol manually.

Open SQL Server Configuration Manager

Window's Start menu

Microsoft SQL Server 2005

Configuration Tools

SQL Server Configuration Manager

Select Protocols for MSSQLSERVER under SQL Server 2005 Network Configuration and enable TCP/IP.

3. Password complexity.

There are new default passwords for database users 'PipeChainExec' and 'PipeChainRead'. The new passwords conform to Microsoft SQL Server 2005's rules for password complexity.

Miscellaneous

Times for inbound deliveries shown in correct time zone

There has been a major change in how to show dates on inbound deliveries in both the standard (java) client and the web client. In the Java client, all dates were shown in the site's time zone. In the web-client, the time zone was either the site's time zone or the supplier's time zone. Now all dates related to shipping e.g. "Shipment Time", "Latest Shipment" is shown in the supplier's time zone. All dates are related to goods receipt e.g. "Receipt Time", "Received At" in the receiver's time zone, i.e. the receiving site's time zone. All changes are only valid on the inbound side, e.g. Inbound Delivery screens, Inbound Order screens, Inbound Reception Schedule screens' in the Standard Client and Outbound Delivery screens, Outbound Order screens, Outbound Reception Schedule screens in the Web Client. The Flow Model in the Supplier's Web Client is now showing the dates expressed in the Site's time zone.

In an overview screen, a field showing a date effected by time zone has a tooltip showing the involved time zones and the date expressed in the different time zones. First the time zone of the supplier, then the time zone of the receiver and finally the time zone of the user. The latter is the one for the site the user logged in to. For the Flow Model in the Web Client, the tool tip show's the time in the consumer's (Site's) Time Zone and in the logged on user's Time Zone.

The time zone change affects the way the user interacts with the application. Now when users are entering a date, they must consider in what time zone to enter the date. To remind the user, all time zoon affected fields now have a "clock" marking. The "clock" will be colored if the time zone differs from the one the user has. E.g. the user has logged in to a site in Sweden (CET) and looks at 'Inbound Delivery Detail' where the delivery is from the US (EST). The clock marking 'Shipment Time' is blue because the field is related to the supplier (supplier bucket) and the supplier's time zone (EST) is not the same as the user's (CET). The clock marking "Receipt Time" has no color as the time zone for the receiver (receiving site) is the same as the one for the user. If there were a difference, the clock would have been yellow (own bucket). The clock component also has the same tooltip as above.

The reception schedule is now also time zone formatted. That is, the "Shipment Day" and "Shipment Time" is expressed in the supplier's time zone and the "Receipt Day" and "Receipt Time" in the receiver's. A transport starting in the US Monday 10:00 AM and arriving in Sweden Friday 01:00 PM shall be entered as Shipment Day = 'Monday', Shipment Time = '10:00 AM', Receipt Day = 'Friday' and Receipt Time = '01:00 PM'.

Supply

New functions

Clarifications

Example of Shipment Time in Reception Schedules

If a Reception Schedule is of type “Transport Times” or “LoadPlanner Routes”, there has been a column called “Next Shipment” in the Weekly Transport tab. “Corresponding Receipt” is calculated based upon receipt week and time from the schedule. This is an example of how the method is working and does not take into consideration any calendar options. True transports are to be found in the “Transport List” tab.

To clarify the function, “Next Shipment” has changed named to “Example of Shipment”. The column header has also been given a clarifying tooltip.

Functions and corrections released in ServicePacks to previous version

Patch Corrections 4.0.0 - 34

106956 Supply: PipeChain Overview analysis of suggestions

The algorithm for counting the different warning states of Inbound Delivery Suggestions in PipeChain overview screen has changed. The new algorithm counts open days in the supplier's calendar when calculating if a delivery's shipment time is within the confirmation margin or not. Before the confirmation margin was added without exception for closed days.

106957 Automatic confirmation and analysis of deliveries

PipeChain analyzes a certain period into the future to see if deliveries are late or if the balance will go below zero or if a delivery is missing (the triangle in the duration meter). The way this period of analysis is calculated is changed to avoid warnings when using automatic confirmation.

Normal case

In the normal case the period of analysis is the sum of the confirmation horizon, lead time and first confirmed delivery. The confirmation horizon is calculated by adding the confirmation margin to the date and time given by the moment when the calculation begins, e.g. when the user opens the inventory chart or when the background job 'Update Duration Meters' starts. The lead time is either the lead time set in the delivery agreement or when using transports the difference between the receipt time and the shipment time in the transports of the reception schedule. In the first case the amount is expressed as duration and therefore added to the above. When using transports the receipt time of the first transport with a shipment time after the confirmation horizon is calculated and used. In both cases the amount is a date and the period of analysis will end at this date.

If there is a confirmed delivery with a receipt time later than calculated above the period of analysis will end at this date.

Special case - automatic confirmation

Automatic confirmation is a step included in delivery suggestion generation. When automatic confirmation is used in combination with not generating suggestions and delivery plan every day it's tricky to set a correct confirmation margin. The aim of this change is to simplify the configuration of confirmation margin and not get unnecessary warnings.

If the strategy for confirmation is set to automatic and the date in the suggestion generation calendar for today is closed, the period of analysis will be calculated as follows: Instead of adding the confirmation margin to the moment the calculation begins the system selects the nearest of 1) the

date of the last time the delivery suggestion generation was run adding the confirmation margin to this or 2) the date for the next time it will run adding the frozen margin to this.

A delivery will be red if its shipment time is within this period and it has not been confirmed.

When analyzing a bucket we add the lead time and first confirmed delivery according to the method mentioned above (the difference is the starting point).

The triangle (or other symbol in bucket) will be red if the balance will go below critical time within this period.

To conform to the method above the confirmation margin used for automatic confirmation will be stretched to the next time the delivery suggestion generation will run added the frozen margin. It will always be possible to have a longer confirmation margin (not recommended), but a shorter confirmation margin will be stretched to a time depending on when the next delivery suggestion generation will run.

Patch Corrections 4.0.0 - 27

106931 Supply: WebEDI Correction of hide for date columns

Some columns showing dates were not possible to hide when creating a personal view, e.g. Receipt Time. This has now been corrected.

106932 Supply: Changes to Purchase Order (CS40)

OrderChange now updates DelivTime and AnnounRcpTime on InboundOrder if the OrderChangeOperation is set to "ReplaceAllOrderLines". Dates are picked from first available line in Purchase Orders (CS40). OrderChange is now allowed if status is equal or lower than 'Confirmed', if OrderChangeOperation is set to "ReplaceAllOrderLines".

Patch Corrections 4.0.0 - 26

106924 Supply: WebEDI now show real values plus tooltip

In some cases in the WebEDI the value of a quantity was not shown. Instead there was a text saying e.g. "*** Already Confirmed ***". This has now been changed so the value of the quantity is always shown and in the case where the extra information is needed a tool tip containing e.g. "*** Already Confirmed *" is added.

106925 Supply: Correction of tooltip in editable fields

In some cases the tooltip shown in an editable (open) field contained visible HTML-code instead of only the information. This is now corrected.

106926 Supply: The field for sugg. gen. strategy is now editable

The field for suggestion generation strategy in Inbound Delivery Agreement Detail is now open even if the customer does not manage the agreement and the supplier manages the inventory. This is to solve the problem that the strategy could be "locked" in a status where no delivery suggestions were created when changing inventory responsible.

Patch Corrections 4.0.0 - 25

106914 Supply: CS45 should update multiple deliveries

Today is CS45 Arrival Registration only updating first found delivery with using delivery note id. This should be changed so that CS45 should updated all matching deliveries that is not yet arrived when using delivery note id as key. The transaction is processed with status error if not finding any delivery with actual delivery note id. But transaction status will not be set to error if finding deliveries that has already arrived.

106918 Supply: Changes to Inventory Chart - Closing Inventory

The tab "Closing Inventory" in the inventory chart has been changed to show all suggestions under heading "Inbound Suggestions". Before there was a restriction for purchase order suggestions. They would only show if they were "Requested". Also the way the application adds inbound deliveries has been corrected. Before if there was exactly on shipped inbound delivery and at least one confirmed inbound delivery only the quantity of the shipped delivery was shown under the heading "Inbound Deliveries". Now the quantities of the deliveries are added and the sum is shown.

106919 Supply: Colors in Inbound Delivery Overview

Color for the field "Receipt Time" has been corrected. This function was lost in SP12 with the new presentation of receipt time in receiver's time zone.

Patch Corrections 4.0.0 - 22

106907 Supply: Don't use Delivery Type when processing CS45

DeliveryType should not be used when searching for deliveries and using DeliveryNoteId as key when processing CS45 Arrival Registration transaction.

Comments

From now is not DeliveryType used when processing CS45 with DeliveryNoteId as key in transaction.

Patch Corrections 4.0.0 - 21

106904 Supply: Reception of already received deliveries

Deliveries found in Finished Inbound Delivery-screens usually have no more quantity to receive nor ship. The application has since before accepted shipping on already received deliveries, but the reception of these deliveries has not worked in the same way. Now if a finished received delivery has more shipped quantity than received quantity it can receive up to the same amount as the difference between shipped- and received quantity. This functionality is only valid for reception with delivery note and the receiveNextIfQuantityExceeds-flag set to true.

106906 Supply: Change in cancel reception

When cancelling a reception the application reverts the status of the delivery to the status before the reception. Before this change the application would change the status of a received delivery to e.g. shipped when cancelled. Now the application will look at the checkbox in inbound partner agreement for expect despatch advice. If this is not checked and the delivery agreement is not SMI, the application will revert the status to at least confirmed and not shipped.

Patch Corrections 4.0.0 - 20

106899 Supply: Add InvoiceNo and ContainerNo in transaction CS45

Two fields InvoiceNo (String 35) and ContainerNo (String 35) should be added to Arrival Registration XML transaction (CS45).

Comments

InvoiceNo and ContainerNo are added as attributes in ArivvalRegistration element in XML transaction CS45.

106901 Supply: Order to supplier (PW01) sent upon auto confirmation

Inbound order to supplier with webaccess (PW01) is now sent even if the order is automatically confirmed.

Before it was sent as a result of processing a purchase order transaction, but now it's sent also when inbound delivery suggestions are generated and the order is confirmed automatically when it's created. The PW01 transaction must be mapped to a channel entered in the inbound partner agreement.

Patch Corrections 4.0.0 - 19

106887 Supply: New attributes in Inbound Despatch Advice

Two new attributes are added to Inbound Despatch Advice (PW03). These are "InvoiceNo" and "ContainerNo". They are found in the "ShippingRegistration"-element. NB the new attributes are mapped to SalesOrderId (InvoiceNo) and SubOrderId (ContainerNo) in client and database, as we do not have these fields in the db yet. Renaming "Sales Order Id" and "Sub Order Id" in the client is possible by adding the following in the client properties file:

se.masystem.pipeline.inbounddelivery.salesorderid.longlabel = Invoice Number

se.masystem.pipeline.inbounddelivery.salesorderid.shortlabel = Invoice No

se.masystem.pipeline.inbounddelivery.suborderid.longlabel = Container Number

se.masystem.pipeline.inbounddelivery.suborderid.shortlabel = Container No

106892 Supply: Logging of Delivery Forecasts

When a forecast is sent or is scheduled to be sent a message will be saved to the Message Log.

106893 Supply: Arrival Registration (CS45) in XML format

Implement Arrival Registration (CS45) transaction in XML format. Today this transaction only exist in fix-size format.

PipeChain XML schemas (<http://www.pipechain.com/schemas/>) are updated with this new transaction.

Patch Corrections 4.0.0 - 18

106874 Supply: Partner Agreement links

Partner Agreement links have been added to the screens: Inbound Delivery (Suggestion) Detail, Inbound Delivery Agreement Detail, Outbound Delivery (Suggestion) Detail, Outbound Delivery Agreement Detail and Customer Bucket Detail.

106880 Supply: Error running data exchange with partners with the sad

When running data exchange between a multisite installation and a non-multisite installation there is not enough data in the passed record to identify the site/ business if there are several partners with the same id (and delivery address id).

This correction adds "What does this customer call me" as search condition and thus narrows it down. Still if there are more than one partner agreement with the same partner id and the same "What does this...", no identification can be done and an error will be thrown.

106881 Supply: Missing Default Delivery Suggestion Parameters

If the Default Delivery Suggestion Parameters configured in Own Site is missing, all partner agreement-screens will have problem showing their data. In most cases there will be a Null Pointer Exception. This is now corrected. All (Inbound/ outbound)Delivery Suggestion Parameters will be set to OFF and when trying to set another strategy a pop up will warn about missing parameters and inform the user to properly configure Own Site.

106882 Supply: Inconsistency related to web user when deleting supplier

When deleting a supplier or customer with attached web user(s) the web user(s) did not get deleted. This effected the 'Web User' tab in 'User Detail' screen. This error is now corrected.

106883 Supply: Requested deliveries

Deliveries with the status Requested for purchase orders are no longer shown on the Delivery Screens in a traditional PipeChain Supply installation.

Patch Corrections 4.0.0 - 15

106864 Supply: Incorrect check of bucket when inserting recipe line

Transaction CS90 recipe definition is not handle flag IsBucket on recipe line level correctly for some customers with customized use of Recipe definitions. PipeChain Supply is checking if server has Flow Production activated and that there exist resource in Flow Production. This is always the case when IsBucket is false.

This is now corrected.

There is a new PipeChain Server property `se.masystem.pipeline.recipe.CheckFlowProductionResource=true/false`, default is true. By setting this property to false there will be no check of Flow Production license and that recipe lines exist as Planning resources in Flow Production.

Patch Corrections 4.0.0 - 13

106863 Supply: Incorrect check of bucket when inserting recipe

Transaction CS90 recipe definition is not handle flag IsBucket on recipe level correctly. PipeChain is checking own bucket regardless of IsBucket (true/false) value.

This is now corrected.

106859 Supply: New time zones for inbound dates related to deliveries

There has been a major change of how to show dates on inbound deliveries in both the java and the web client. Before in the Java client all dates were shown in the site's time zone. In the web-client the time zone was either the site's or the supplier. Now all dates related to shipping e.g. 'Shipment Time', 'Latest Shipment' is shown in the supplier's time zone and all dates related to goods receipt e.g. 'Receipt Time', 'Received At' in the receiver's time zone, i.e. the receiving site's. All changes are only valid on the inbound side, e.g. 'Inbound Delivery ***', 'Inbound Order ***', 'Inbound Reception Schedule ***' in the Standard Client and 'Outbound Delivery ***', 'Outbound Order ***', 'Outbound Reception Schedule ***' in the Web Client. The Flow Model in the Supplier's Web Client are now showing the dates expressed in the Site's time zone.

Tooltip In an overview screen a field showing a date effected by time zone has a tooltip showing the involved time zones and the date expressed in the different time zones. First the time zone of the supplier. Followed by the time zone of the receiver. Finally the time zone of the user is included. The latter is the one for the site the user logged in to. For the Flow Model in the Web Client, the tooltip show's the time in the consumer's (Site's) Time Zone and in the logged on user's Time Zone.

The clock component The time zone change effects the way the user shall interact with the application. Now when entering a date the user has to consider in what time zone to enter the date. To remind the user, all fields now have a "clock" marking the field as a field effected by time zone. The clock component will be colored if the time zone differs from the one the user has. E.g. the user has logged in to a site in Sweden (CET) and looks at 'Inbound Delivery Detail' where the delivery is from the US (EST). The clock marking 'Shipment Time' is blue because the field is related to the supplier (supplier bucket) and the supplier's time zone (EST) is not the same as the user's (CET). The clock marking 'Receipt Time' has no color as the time zone for the receiver (receiving site) is the same as the one for the user. Had it differed the clock would have been yellow (own bucket). The clock component also comes with the tooltip - see above.

Reception Schedule The reception schedule is now also time zone formatted. That is, the 'Shipment Day' and 'Shipment Time' is expressed in the supplier's time zone and the 'Receipt Day' and 'Receipt

Time' in the receiver's. So a transport starting in the US Monday 10:00 AM and arriving in Sweden Friday 01:00 PM shall be entered as Shipment Day = 'Monday', Shipment Time = '10:00 AM', Receipt Day = 'Friday' and Receipt Time = '01:00 PM'.

Patch Corrections 4.0.0 - 11

106851 Supply: Data Exchanges not started on schedule

When the data exchanges are scheduled close to one another and the earlier data exchanges takes longer time than the time to the later data exchanges, the later data exchanges are not started.

The error is corrected.

Patch Corrections 4.0.0 - 10

106842 Supply: Different FlowModelType when using ZeroAll...

When the zero all functionality is used, the zero flow models are always created with the period type "Production Plan Daily".

Comments

When creating zero flow models, the Update Mode and Period Type is set to the value of the first Flow Model in the transaction.

106844 Supply: Blur meter background using All-At-Once Flow Models

Description

When the FlowModel type All-At-Once is used, the meter background sometimes is blue, when it should be green.

Comments

The error is corrected. In certain cases the ZeroBalanceDuration was not set to the proper value, which gave the meter a blue background.

106847 Supply: Inventory Chart - Compensate for Backlog Created During Lead Time

The checkbox "Compensate for Backlog Created During Lead Time" in Delivery Agreement is now only effecting Flow Meters and Flow Models of type Sales Forecast. All other will always calculate with backlog.

Patch Corrections 4.0.0 - 09

106828 Supply: Data Exchange error if 4.0.0 supplier and older cust

If a flowmodel was exchanged FROM a customer with a version older than 4.0.0 TO a supplier with version 4.0.0 a data exchange failure (due to a null-pointer error) was displayed on the customer side. Due to this error, all subsequent data (e g buckets) was not updated. The error was corrected in version 4.0.0. Older versions does not need to be corrected.

Patch Corrections 4.0.0 - 08

106819 Supply: Error sending delivery forecast to customer with delay

Sending a Delivery Forecast to a Customer with a delay invokes a background job. This background job checks at what time it shall send the delivery forecast (Forecast/ Next Sending Time), at that time, sends the forecast and then checks when next to start. The error was due to not clearing the time for the delivery forecast just sent and thus "calculating" the next time to the same time as before, and sending the forecast again. This is now corrected.

106820 Supply: Error calculating forecast for customer

All customers, even a customer with no delivery suggestion parameters, were included when trying to calculate a delivery forecast. Resulting in a stop when reaching a customer with no parameters. This is now corrected.

106821 Supply: Change in sending delivery forecast to own system

A delivery forecast for each customer will not be sent anymore to own system after automatic delivery forecast generation.

106822 Supply: CS10 - Delivery Agreement and Green Balance

The interpretation of transaction CS10 - Delivery Agreement has been corrected to calculate the green balance quantity after the delivery parameter group is set, resolving a null pointer exception (DelivAgrmt.ParamGroupUsedId = null).

Patch Corrections 4.0.0 - 06

106813 Supply: Outbound Delivery suggestions are not sent automatically

When using the "automatic sending" for delivery suggestions it looks like deliveries within confirmation margin are not sent to order system automatic.

The error is corrected.

Patch Corrections 4.0.0 - 05

106785 Supply: Gray suggestion "traffic light" in Supply Overview

The Outbound Delivery Suggestions traffic light in PipeChain Supply Overview does not show any values. It is always gray.

The error is corrected.

106789 Supply: Error starting deliv sugg gen on customer bucket

In a client running in a HTTP context, the delivery suggestion generation started in the customer bucket screen will not function. This is caused by using the wrong server access thread when calling the server. This error is now corrected.

Patch Corrections 4.0.0 - 04

106806 Supply: Inventory Chart - Real quantities

The Inventory Chart has been changed to show real quantities in tab Closing Inventory. The data was calculated before. Now we look up each delivery/ suggestion in the database.

106807 Supply: Inventory Chart - use only open day not business hours

The requirement or outflow for a product based on a flow meter is calculated by assuming that the outflow is the value for 'Outflow Demand' spread over 'a whole day' if the calendar says this is a business day. But the algorithm for calculating the requirement after receiving a delivery (or suggestion) was based on the actual business hours. This is now corrected.

106808 Supply: Inventory Chart - Compensate for Backlog Created du LT

The Inventory Chart has been modified to not allow balance to go under zero if the checkbox in the delivery agreement, 'Compensate for Backlog Created During Lead Time' is not checked. The curve will flatten out at zero. Also the next delivery will start from zero, not a negative number, and add all its quantity to balance.

106809 Supply: Corrected error when creating inb delivery agreements

When a new delivery agreement is created and the customer manages the agreement the supplier manage inventory (SMI) flag should be possible to set to true or false. After save the flag was always true. This is now corrected.

106811 Supply: Delivery agreement parameter group now for outbound

The new functionality delivery agreement parameter group is now available for outbound delivery agreements.

Patch Corrections 4.0.0 - 03

106803 Supply: Time zones and dates in web client

A new tool tip has been added to several date fields in the web client. These tooltips show the date value formatted in the customer's time zone and the supplier's time zone.

106804 Supply: Different privileges in Inbound and Outbound Partner

Information and Contact information now requires only Operative privilege for changing while the information in the other tabs requires configuring privileges.

106805 Supply: Processing of PW03 creates error message

The background job Update Warnings for Ship Inbound Deliveries failed because it was started with siteKey = 0. This is now corrected.

Patch Corrections 4.0.0 - 01

106790 Supply: Delivery Agreement Parameter Groups

The purpose of the function is to simplify the configuration of delivery agreements by connecting delivery agreements to parameter groups.

Configure Groups There are two new screens added to the own segment, "Delivery Agreement Parameter Group Overview" and "Delivery Agreement Parameter Group Detail". In "Delivery Agreement Parameter Group Detail" you can create new parameter groups. In each parameter group you define which parameters that should apply within the group and their values. The values in the parameter group will override the values in a delivery agreement using the group.

Connect Agreements and Groups The connection of the parameter groups to delivery agreements is made in the "Inbound delivery Agreement Details"-screen. There are three new options you need to consider: "Calculated Parameter Group" is the group PipeChain suggests you to use. "Used Parameter Group" is the group that is actually used. If the two groups deviate there will be a message logged and you can acknowledge this deviation by pressing the button "Acknowledge".

You can also select groups and acknowledge deviations from the "Inbound Delivery Agreements Overview"-screen.

106791 Supply: Updated schema for CS08 (Own) Product Definition

The CS08 (Own) Product Definition transaction has been updated to handle delivery agreement parameter groups and product attributes.

106792 Supply: Updated schema for CS10 Delivery Agreement

The CS10 Delivery Agreement transaction has been updated to handle delivery agreement parameter groups.

106793 Supply: Time zones and web users

A new selected property has been added that determines what time zone to use at log in for a web user. If there is only one supplier, depending on the property, the site's or the supplier's time zone will be used. The new selected property is called USE_SITE_TIMEZONE_ALWAYS (value 1050). If left out or set to 'false' the supplier's time zone will be used. If set to 'true' the site's time zone will be used. If there are several suppliers the time zone is always set to the site's time zone.

106794 Supply: Error correction when calculating resulting duration

When calculating the resulting duration for own buckets the algorithm stopped when initial balance is zero and thus calculating resulting duration to the same amount as initial duration. Now the algorithm continues till resulting balance is zero.

106795 Supply: New messages for blue buckets and symbols

When a bucket or a symbol turns blue a message is logged in message log as information. This was only done for yellow and red buckets and symbols before.

106796 Supply: New messages for changes in calendars

A change to a calendar will now be logged in message log as information.

106797 Supply: Color added to Supplier Detail/ Delivery Agreements

The tab showing delivery agreements in the supplier detail screen has now a colored background for the status of the agreement.

106798 Supply: New functionality for search in supplier detail/history

The tab showing total outflow in supplier detail screen has now two browsers for selecting products. If using the "Supplier Product Id"-browser when selecting a product the total outflow will be summed up based on supplier product. If using the "Product Id"-browser the total outflow is based on own product.

106799 Supply: Error correction new confirmation- and frozen margin

The inbound partner agreement has two frozen margins and two confirmation margins. One representing own and one representing the setting at the supplier. At first updating the "own" confirmation margin also changed the "supplier" confirmation margin. This is now corrected.

106800 Supply: Error correction records with zero in demand plan history

Records containing zero for all values including current was saved/ showed in demand plan history. This is now corrected.

106801 Supply: More information added to messages concerning Set Inventory Responsible

All messages concerning set inventory responsible have now more supplier/ customer information in them.

106802 Supply: Error correction calculating new reception time

The reception time is calculated a new after a change in shipment time based on an advanced algorithm. This algorithm used the wrong calendar. The Own Calendar was used as the Supplier's Calendar.

Transaction changes (XML)

Indirect changes are found under Supply

MACom

New functions

SOAP Enhancements

Several enhancements has been made to sending transactions with SOAP. These concern HTTPS communication and the FileToSOAP application.

1. Certificates

It is now possible to accept invalid/expired certificates. If you want to accept invalid/expired certificates you can use the checkboxes in the MCom Channel Detail screen in the Communication Types Parameters or set the appropriate properties in the FileToSOAP.properties file. Certificate exceptions will be logged to the MessageLog (MCom or the Log file (FileToSOAP)). If an invalid / expired certificate is used and this has been accepted in the settings described above, a warning will be logged every time a message is sent.

2. SOAP receiver enhancements

A transaction can now be debugged without having to change the properties file and reload the web application, by adding the parameter debug to the url and setting it to true: Example: `http://localhost:8080/pipechain/soap?debug=true` If the SOAP headers should be saved or not can also be stated in the url by adding the parameter savesoapheaders and setting it to true or false. The default behavior can be defined in the servlet.properties file. Example: `http://localhost:8080/pipechain/soap?debug=true&savesoapheaders=true` It is now possible to define the HTTP status to be set when a message fails to be saved. The current default is to return status 500 (Internal server error). By adding the parameter setstatusok=true, the status will always be returned as 200. This allows FileToSOAP (and other Java applications) to retrieve the SOAP fault element and display/interpretate it. No Message Exception: If a message can not be retrived from the SOAP Body it will now be treated as an exception. The previous logic returned "Message successfully stored on server". The Exception will be shown as a soap-env:Client Exception, "MComNoMessageException exception" and the cause may be shown in the message. Removal of SOAP headers for all messages: The removal of the SOAP headers is now made for all messages (if configured), just not the PipeChain Messages. This aim of this functionality is to always have the same structure of the message, regardless of how it was sent to PipeChain. Blank passwords: Blank passwords are now accepted as a parameter in the URL. Text between start and end of xml tags are no longer removed when the SOAP headers are removed from messages not following PipeChain's standard format.

3. FileToSOAP enhancements

If not stated otherwise, FileToSOAP will always add setstausok=true to the URL to be able to retrieve the actual error on the (web)server. This will help understanding the reason why a transaction could not be sent to the receiver. You may for instance get "User not authorized...", "Server not running" or "The password is incorrect.". Namespace prefix and URI is no longer removed from the message.

Changes in handling decimals in XML transactions

For very large numbers (over 10 000 000), we use engineering notation. For very small numbers we do not. Rounding strategy used is "round half even".

When we in our XML schema say data type "double", we follow <http://www.w3.org/TR/xmlschema-2/#double> section 3.2.5.

Examples:

<u>Examples of number:</u>	<u>is formatted to:</u>
0.0	0.0
0.3333333333333333	0.333
0.6666666666666666	0.667
120.0001388888889	120.0
123456.78	123456.78
1.3	1.3
1.2345678901234567E19	12.3457E18
1.0E19	10E18
6.0E-14	0.0
34.1115	34.112
34.2225	34.222
-34.1115	-34.112
-34.2225	-34.222

New status Processed with Warning

A new status "Processed with Warning" has been added . The new status is used when the processing of Delivery Agreement definition results in status Warning on the delivery agreement. This status is yellow and can be acknowledged. An acknowledged warning will be set to "Processed Warning OK". Transactions that are "Processed with Warning" will show up in the count in the PipeChain Overview Screen.

The new status is only supported so far by Delivery Agreement (CS10) and Own Product Definition (CS08).

Functions and corrections released in ServicePacks to previous version

Patch Corrections 4.0.0 - 21

106905 MACom: New number of decimals on outgoing XML transactions

Floating point numbers in outgoing XML messages now has no more than three decimals.

Exception: very large numbers are written in engineering notation, where the mantissa can have more than tree decimals.

Patch Corrections 4.0.0 - 19

106891 MACom: New status Processed With Warning

A new status has been added to the MACom-platform, "Processed With Warning". This status is yellow and can be acknowledged. An acknowledged warning will be set to "Processed Warning OK". Transactions that are "Processed With Warning" will show up in the count in the PipeChain Overview Screen.

The new status is only supported so far by Delivery Agreement (CS10) and Own Product Definition (CS08).

Patch Corrections 4.0.0 - 18

106875 MACom: Improved exception logging from email channel

Email sender/receiver sometimes generate a "null exception" without any more information. This have to be improved to also display an exception stack trace.

This is now corrected.

106877 MACom: Ignore exception is not handled by all MACom senders

MAComIgnoreTransactionException is not handled by all MACom senders. Ignore exception is already handled by MACom receivers.

Comments

From now on is Ignore exception handled by following Communication types:

- BMQ New
- Email New
- File
- FTP
- MQSeries
- SOAP New

Patch Corrections 4.0.0 - 16

106867 MACom: Reprocessing information

If a user reprocesses a transaction in MACom, it will be logged to the MessageLog.

106869 MACom: Improved filter and speed searching within transdata

The Transaction Degug Log screen has been made faster (SP 12). The Filter is now applied to the Debug Log screen, i.e you will see debug log lines for those transactions that the current filter settings will show. When you seach for data within the transaction data, the search is considerably faster if you have first set a filter. Searching within the transaction data is takes long time and is "heavy" job for the database server. Hence you should always apply a filter that narrows the selection before searching within the transaction data, like transaction type, channel and date interval. If not the SQL Server will be busy for along time, and you will not be able to use the client during this time. When searching in the Debug Log, the transaction data filter is used to search in the converter message as well.

Patch Corrections 4.0.0 - 12

106855 MACom: Faster Transaction Overview / Detail screen

The Transaction Overview is much faster when the there are many records after a redesign of the SQL query for the screen.

106856 MACom:_ More columns in the Transactions tab in Channel Detail

Columns for External Transaction Referencem Partner, Sender and UserName are now visible in the Transactions tab ín the Channel Detail screen.

106858 MACom: MQSeries sender does not handle ignore exception

Ignore exception is not handled correct by MQSeries sender.

Ignore exception is used by converters to ignore sending/receiving of some transactions. The status in MACom Trans will be set to NOT TRANSMITTED

This is now corrected.

Patch Corrections 4.0.0 - 10

106833 MACom: SOAP enhancements

Several enhancements have been made to sending transactions with SOAP. These concerns HTTPS communication and the FileToSOAP application.

1. Certificates:

It is now possible to accept invalid / expired certificates. If you want to accept invalid / expired certificates you can use the checkboxes in the MACom Channel Detail screen in the Communication Types Parameters or set the appropriate properties in the FileToSOAP.properties file. Certificate exceptions will be logged to the MessageLog (MACom or the Log file (FileToSOAP)). If an invalid / expired certificate is used and this has been accepted in the settings described above, a warning will be logged every time a message is sent.

2. SOAP receiver enhancements:

A transaction can now be debugged without having to change the properties file and reload the web application. You add the parameter debug to the url and setting it to true: Example:

`http://localhost:8080/pipechain/soap?debug=true`

If the SOAP headers should be saved or not, can also be stated in the url. You add the parameter savesoapheaders and setting it to either true or false. The default behavior can be defined in the servlet.properties file. Example:

`http://localhost:8080/pipechain/soap?debug=true&savesoapheaders=true`

It is now possible to define the HTTP status to be set when a message fails to be saved. The current default is to return status 500 (Internal server error). By adding the parameter setstatusok=true, the status will always be returned as 200. This allows FileToSOAP (and other Java applications) to retrieve the SOAP fault element and display/interpret it.

No Message Exception: If a message can not be retrieved from the SOAP Body it will now be treated as an exception. The previous logic returned "Message successfully stored on server". The Exception will be shown as a soap-env:Client Exception, "MAComNoMessageException exception" and the cause may be shown in the message.

Removal of SOAP headers for all messages: The removal of the SOAP headers is now made for all messages (if configured), not just the PipeChain Messages. This aim of this functionality is to always have the same structure of the message, regardless of how it was sent to PipeChain.

Blank passwords: Blank passwords are now accepted as a parameter in the URL. Text between start and end of XML tags are no longer removed when the SOAP headers are removed from messages not following PipeChain's standard format.

3. FileToSOAP enhancements:

If not stated otherwise, FileToSOAP will always add setstausok=true to the URL to be able to retrieve the actual error on the (web)server. This will help understanding the reason why a transaction could not be sent to the receiver. You may for instance get "User not authorized...", "Server not running" or "The password is incorrect.". Namespace prefix and URI is no longer removed from the message.

WebAccess

New functions

Change order of columns in WebAccess overview screens

When selecting the “View” option in an overview screen, it is now possible to use a drop down list to select the column order and not only hide/unhide.

If more than one column is being given the same position number, the column order will be sorted according to the original order. If you, for example, give all columns “Pos 1” they will fall back into the original order.

If there is a new column that has been added compared to previous version, it will be given a higher position i.e. seen in the very right of the screen. A customized view must therefore be updated manually.

Please note that some columns are not possible to hide.

Goods reception, simplification

The shipped quantity in the Reception Registration Dialog in the WebAccess for customers is not possible to change any more. The old solution was confusing and has now been simplified by closing the shipped quantity field. It's not possible to enter a deviation between what was shipped (in the context of the reception) and the reception.

Functions and corrections released in ServicePacks to previous version

Patch Corrections 4.0.0 - 20

106900 WebAccess: Shipment Time updated on full shipment of delivery

When shipping an outbound delivery in the WebAccess for suppliers the shipment time on the delivery is now updated with the time entered in the dialog if the shipment is the first and only shipment of the delivery.

The receipt time is not updated as it's not sure that the calculated receipt time is the real receipt time. If the new receipt time differs from receipttime of the delivery the user should update the receipt time before the shipping.

The default shipment time in the shipment dialog is now presented in the supplier's timezone.

Patch Corrections 4.0.0 - 17

106873 WebAccess: Last reception check box is not "checked"

The check box "Last Rcp" (Last Reception) is not checked as default when doing reception registration in screen Inbound Order Detail. Last Rcp should be checked as default.

Patch Corrections 4.0.0 - 12

106860 WebAccess: Unable to open calendar on old dates

When opening the calendar for dates last year, the current date is not selected.

Comments

The Calendar browser (js/Calendar.js) has been altered to always include last year's dates as well. This file needs to be changed to apply the changes.

LoadPlanner

Functions and corrections released in ServicePacks to previous version

Patch Corrections 4.0.0 - 10

106838 LoadPlanner: Unable to adjust Shipment

When later Shipments does not contain any other products than on the current Shipment, the Adjust functionality does not work.

The error is corrected.

WebShop

Functions and corrections released in ServicePacks to previous version

Patch Corrections 4.0.0 - 09

106830 WebShop: Two errors in Product Category screen

Two errors could occur in the Product Category screen in PipeChain WebShop.

- The Product Category pictures could be displayed in an order different from the Product Category tree view order.
- Navigation by clicking at a Product Category picture would sometimes fail.

Both errors were corrected.

Patch Corrections 4.0.0 - 07

106814 WebShop: Pictures uploaded in to categories

The "weblink:" for pictures upload to categories does not get replaced by the actual weblink folder on the website (works ok for pictures to products).

The error is corrected.