Release Notes Summary
PipeChain 4.2.0

PipeChain
flow on demand

PipeChain 4.2.0 01
Release Date: 2008-11-05

PipeChain 4.2.0 02
Release Date: 2008-11-19

WebEDI: Price List enhancements and corrections
WebEDI Price List enhancements added. New column on the web page is added and database search is corrected as well.

PipeChain 4.2.0 03
Release Date: 2008-11-20

WebShop: Enhancements
News
 Transactions to be logged in the message log
 Original requested delivery date is saved
 Request History Snapshot column
 Connecting customer specific with public catalogue.
 Smart Change Request
 Change delivery location sort order
 Smart Change order confirmation
 Delivery unit type added to the webshop pages.

New WebShop settings:
New entries used in the PipeChainServer.properties on the PipeChain server side
# Set the following Analyzer event logging flag to true if the you do really need that
# since it causes a certain performance punishment for the web page
# The internal default value is false which means no logging unless you explicitly set it to true.
se.masystem.webshop.baskettemplate.eventlogging=false
se.masystem.webshop.productsearch.eventlogging=false
se.masystem.webshop.productcategory.eventlogging=false

2013-05-13 11:39:33

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PipeChain 4.2.0 04
Release Date: 2008-11-26

WebEDI: Price List Changes
WebEDI Price list (PRICAT) related news
1. If T0015 & T0172 exist T0015 -> Product/ProductId T0172 -> SupplierProduct/ProductId
2. If only T0172 exist T0172 -> Product/ProductId T0172 -> SupplierProduct/ProductId.
3. Reading information from product/delivery agreement

PipeChain 4.2.0 05
Release Date: 2008-11-28

Supply: Inbound Partner Agreement Correction
An error in the update function in the Inbound Partner Agreement screen has been corrected.

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PipeChain 4.2.0 06
Release Date: 2008-12-01

Supply: CS34 Delivery Suggestion Request not functioning

CS34 Delivery Suggestion Request was not functioning when transaction was per business and site and using element "AllSuppliers" to invoke delivery suggestion generation for all suppliers belonging to a site. This is now corrected.

Also corrected error "null-exception" when Strategy for Generating Suggestion was off in Supplier Detail/Inbound Delivery Suggestions Parameters.

Supply: Check of Deliver Agreement when processing CS06

If no delivery found at all for actual product and supplier when processing transaction CS06 Receiving Advice a delivery is created. But this delivery is created even if there not exist any delivery agreement. This is now changed so that a check will be done if a delivery agreement exists for product and supplier. If delivery agreement does not exist the CS06 transaction will be processed error and a message will be created in the Message Log.

MACom: Log who started and stopped processor

User name is added to message for a request to stop channel processor. A new message is added when request to starting channel processor. Even this logging contains user name of the user who started the channel processor.

The channel id will also be displayed if a private channel processor is used.

Example:

Text Id: 10016 MACom Transaction Processor: Channel "CS64" starting. Initiated by "Server Administrator".
Text Id: 10014 MACom Transaction Processor: Channel "CS64" stopping. Initiated by "Server Administrator".
Text Id: 10015 MACom Transaction Processor starting. Initiated by "Server Administrator".
Text Id: 10002 MACom Transaction Processor stopping. Initiated by "Server Administrator".

All activities on MACom channel for starting and stopping sender, receiver and processor are now logged with the user name for user that requested start/stop.

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Supply: Add product id in message shown when deleting delivery

Product id and product variant is added in message display in Message Log when a delivery is deleted manually

Example:

Inbound Delivery "vpwtsde14199886" from supplier "1099" "" with product "21023450" "" was deleted by user "Server Administrator". Status was "Confirmed"

Supply: Log when a Finished Delivery is deleted manually

Today a message is created in Message Log when a delivery is deleted manually. In the same way now also a message is created when a Finished Delivery is deleted. The message is created for both inbound and outbound deliveries.

Example of message when deleting Finished Inbound Delivery:

Finished Inbound Delivery "14199884" from supplier "1099" "" with product "21023450" "" was deleted by user "Server Administrator".

Supply: New Messages when supplier meter becomes blue

Added 3 new messages when supplier duration meter becomes blue:

Text Id:120074 The duration meter background for supplier "27384", "", bucket "21063845", "" has become blue
Text Id:120075 The duration meter symbol for supplier "27384", "", bucket "21063845", "" has become blue.
Text Id:120076 The duration meter triangle for supplier "27384", "", bucket "21063845", "" has become blue

Supply: New button for cancelling reception registrations

A new button "Cancel Receptions..." is now introduced in screen Inbound Delivery Detail and Finished Inbound Delivery Detail. The cancel function could also be activated from overview screens.
<p>
This button will do cancel for all reception registrations for actual delivery. The delivery quantities "Received" and "Remaining" will be updated according to reception quantities and the bucket balance will be increased. The cancel will also send a CS66 transaction to the DELFOR converter that will decrease the accumulated received quantity.
<p>
The status for the delivery will be set to:
Shipped if shipped quantity is greater than zero
Confirmed if the shipped quantity is zero.
<p>
The user must have Operative privilege to use the Cancel Reception function, this is for both Inbound Delivery and Finished Inbound Delivery screens The user must have Site Administrator privilege to use the delete button. Before this change the delete button for finished deliveries only required Configuring privilege.

Platform: Can't enter Domain Configuration in User Detail

The Domain Configuration browser in User Detail has been corrected. It didn't show any values.

The errors has been corrected.

Note that to get the windows authentication to work you have to add a bin directory with a file called jaas.conf in the bin directory (..\bin\bin\jaas.conf). The file jaas.conf can be downloaded from our FTP site (ftp://ftp.pipechain.com/pub/PipeChain/4.2.0/SP06_20081201/bin/)

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PipeChain 4.2.0 07
Release Date: 2008-12-09

FlowProduction: Error corrected: when scheduling with "Find First Possible Shipping Day" and user has his own "Date Format".
If a user had his own "Date Format", the scheduling operation "Find Fist Possible Shipping Day" would fail due to error in Date Format.
The error was corrected by transferring the "first possible" day in a user independent data format.

FlowProduction: New combination of "Find First Possible Shipping Date" and "Display All Shortages"
The scheduling operation "Find First Possible Shipping Date" returns a possible date. Previously, the planner could choose to either schedule to that date or to cancel the operation. Now, the planner can also choose to "Display All Shortages" up until the returned date.

WebEDI: Automatic recalculation of reception time
When the supplier isn't allowed to change the reception time, but only the shipment time it's now possible to recalculate the reception time automatically when the shipment time is changed.

The lead time in the reception schedule for the supplier (with same id as the supplier has) is used. The new reception time is set to the shipment time + the lead time. The time is counted in days including closed days.

Configuration: Set selected property 41 to -1.

Supply: Namespace in XML messages
PipeChain can now also handle XML messages with namespace in the message element. This is due to the fact that all PipeChain schemas are declared with ElementFormDefault "qualified" even though they should be declared as "unqualified" according to what is expected in the messages on processing them in PipeChain.

Schemas and outbound messages will be changed in 4.3 to fully comply with the new ElementFormDefault.

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PipeChain 4.2.0 08
Release Date: 2008-12-12

Shipping Documents: Related invoice in Remittans Advice screen
If a Remittance Advice Line refers to a Self-bill Invoice Line, then any matched Invoice Line is displayed in additional columns labeled 'Related Invoice ...'. The match status is also shown. Please note that one match can include many Self-bill Invoice Lines and many Invoice Lines. There will be one Remittance Advice Line for every relation.
If a Remittance Advice Line rers to a Self-bill Invoice (head), then any Invoice (head) found through matched lines will be displayed in the 'Related...' columns. Since the Self-bill Invoice and the related Invoice may have different match statuses, both of them are shown with the Self-bill's to the left.

PipeChain 4.2.0 09
Release Date: 2008-12-15

MACom: New property for XML name space aware
From SP07 can PipeChain handle XML documents with name space prefix according to "unqualified schemas", but there is problem with empty namespace declarations like xmlns="" in the message element. Therefore has a new property "se.masystem.macom.namespaceaware " with value true|false where false is default. This new property controls if XML should be created as namespace aware document or not. This property should be set to true if using transaktions with name space prefix in the Message element like <pipechain:Message xmlns:pipechain="www.pipech......

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PipeChain 4.2.0 10
Release Date: 2009-01-12

Platform: Change site automatically when moving from business screens to site screens.

Screens on business level are today only supplier screens/tabs (i.e. Screen Supplier/Duration Meters), but could in the future also be customer screen/tabs. These business level screens are displaying data from several sites. It's now possible to change selected site automatically when going from these business level screens to a screen on site level when the site for the screen is different than selected site. Context on business level such as supplier and customer are kept when moving to the new site. A popup dialog is displayed with a question to change site or not.

The visited screens history, manifested by the BACK and FORWARD buttons in the PipeChain client, is now kept when changing site. It also includes the site the screen was visited in, so that pressing BACK or FORWARD will not only take you to the screen, but also to the site the screen was visited in. The buttons' tool tip list the visited site when other than the current site.

When changing site, the client attempts to display the same record that was displayed last time the site was visited.

WebAccess: Print Inventory Chart

The Inventory Chart popup window now has a Print button

Supply: Show history out flow from Supplier/Detail/Total Outflow Tab

Today is Tab Outflow showing current demands from the latest flow model for this supplier and product. A new field "History SnapShot Time" is added with a calendar to select a day. By selecting different days could demand from history be displayed in the Tab Outflow. Current demands will be displayed if this field is empty.
<p>
PipeChain will search for the first demand plans with snap shot time before or equal to selected "History SnapShot Time" including selected day. If not found any plans for selected day or previous days, then will PipeChain search for days after selected day. The user can also add a specific time of day to search for, the logic is the same as when searching with date only, but only demand plans with snap shot time strictly equal or before this date/time will be displayed.
<p>
Site with different Time Zones
The selected day with field "History SnapShot Time" is always handled as a local day at all sites. Example: If selecting Friday 2008-12-19 for a product with demand at site A and B then will PipeChain search for demand plans for at this Friday according to site A local time and Friday at site B local time. The Found Snap shot is displayed according to the site time zone. There is a tool tip displaying this the snapshot time in site time zone and user's time zone. This tool tip also display the Flow Model update time.
<p>
The first demand period date displayed is according to the latest found snap shot time when comparing different sites.

Release Notes Summary
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WebAccess: Change reception time for whole order

Change of reception time can be done in web screen Outbound Order Detail. A new button "Change Reception Time" is added in this screen. This new button will only be enabled if there exist at least one delivery (order line) that is shipped. The reception time will only be changed for these lines that are shipped. There will also be a possibility to only select lines belonging to a specific delivery note id. Choice of reception time and delivery note number is done in a new input dialog displayed when pressing the Change Reception" button.

Supply: Error in inventory chart corrected

Initial duration was wrong in the continuous chart in the inventory chart dialog if there was a delivery before the opening time. The error is corrected now.

Supply: Thread deadlock problem

A thread deadlock problem, when closing a database connection, was fixed.
This used to be a problem with Messages' database connection.

Supply: New colors and tooltip for Supplier Detail/History Delivery Plan

The tool tip and color for delivery plan is improved to make it possible to see godds in transit

Supply: Corrections in Goods reception transaction

The SupplierAdressid was in some case required, this is corrected
The ReceivingAdviceRowNo was in some cases required, this is corrected.
If the user has set up that the goods reception is supposed to be set up as a GRA, the ReceivingAdviceRowNo can be set by system if it is omitted.
The interval for automatic numbering of ReceivingAdviceRowNo is started with 1001.

Supply: Reception registration possible with blank supplier id

If an inbound delivery is identified with PipeChain Order Id it's now allowed (but not recommended) to have a blank supplier id.

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Supply: Filter optimization for flow models

The filter optimization functionality has been activated on own flow models (CS21). If optimization is activated, on fragmentation only fragments where there is a corresponding product definition will be saved and created as fragments.

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Release Date: 2009-01-13

Supply: Print Inventory Chart

The Inventory Chart dialog now has a Print button.

Supply: Updating Inbound Delivery Detail

Some data, as example sales order id, was scratched when the inbound delivery was updated. The error is fixed

Platform: Include headers in print screen

Now is also screen header and selected site included in printed screen from PipeChain windows.

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PipeChain 4.2.0 12
Release Date: 2009-01-15

Web Edi: Invoice function when delivered quantity is 0
The user is able to set the delivered quantity to 0.
When he does the dispatch row is not visualized in the invoice screen, invoice printout ore reported to the ERP system.

Supply: Reading Taxes from product definition or delivery agreement transaction.
The supplier and customer taxes keyword are corrected

Supply: Delivery Plan History
The Delivery Plan History record is not generated on closed days. The Demand Plan history record is, however, still generated and can be seen in the history tab in Supplier Detail.

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Supply: Goods Reception with invoice number
New Transaction Attributes
Two new attributes are added into transactions Arrival Registration CS45 and Receiving Advice CS06.

ArrivalQuantity in CS45. InvoiceNo already exist in CS45 but it has a different function when using it together with ArrivalQuantity
InvoiceNo in CS06

See XML schema for CS06 and CS45 for the new structure including ArrivalQuantity and InvoiceNo.

New Processing of CS45 with ArrivalQuantity
Processing is as before if the attribute ArrivalQuantity is not applied. But there is a new logic when processing if attribute ArrivalQuantity exist in CS45.

Find a delivery:

Search for delivery with applied delivery note id and invoice no, if found increase arrival quantity for this delivery otherwise do item 2
 Search for delivery with applied delivery note id , if found set arrival quantity for this delivery.

Update quantity and InvoiceNo
The delivery will be splitted if the CS45 ArrivalQuantity is less than deliver quantity. Increase the delivery quantity if CS45 Arrival quantity exceeds the original delivery quantity. The delivery will be updated with this InvoiceNo.

New Processing of CS06 with InvoiceNo
Processing is as before if the attribute InvoiceNo is not applied. InvoiceNo is just stored into the delivery if InvoiceNo is used without using delivery note id as key. But there is a new logic when processing if attributes DeliveryNoteId and InvoiceNo in CS06.

Find a delivery
The logic for finding a delivery is the same as before but it's done in two steps:
1.) Search for delivery with applied delivery note id and invoice no, if found use that delivery for goods reception otherwise do item 2
2.) Search for delivery with applied delivery note id , use this delivery/these deliveries for goods reception
If no delivery found in step two Pipechain tries to find other delivery according to old logic for processing CS06 with delivery note id.

Update InvoiceNo
The Delivery is updated with InvoiceNo is necessary.

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PipeChain 4.2.0 13
Release Date: 2009-01-20

Supply: Repeated suggestion generation for customers having PipeChain Supply
It's now possible to set delivery suggestion generation to run independent of data exchanges. In older versions the delivery suggestions has been calculated after each data exchange. Now it's possible to have more frequent data exchange and less frequent calculation of suggestions. If you know that balance is updated once an hour, but deliveries created more or less all the time, you can have data exchange every 10 minutes and calculate delivery suggestions once an hour with a delay after balance update.

Supply: Transaction conflict in CS02 with balance update and SplitOrderLineOnPartialShipment
If an order response (CS02) has both balance update and SplitOrderLineOnPartialShipment=true the application gets transaction conflict loop with itself and fails.

Supply: Order status update
The outbound order didn't get status received even if alll lines were received, it got stuck in status Shipped with no lines left on it. The error is corrected.

Supply: Added new column for one year demand quantity in screen Supplier Detail/Outflow
A new column "1 Yr Dmd" is added to the left in tab Total Outflow in screen Supplier Detail. This new column is displaying the accumulated demand quantity of one year ahead from snap shot time.

Supply: CS80 Invoice message corrected
The InvoiceTotals/Taxtotal/TaxRate is in percent as InvoiceLine/TaxRate already was.

PipeChain 4.2.0 13.2
Release Date: 2009-01-27

Supply: Corrected error on data exchange of reception registrations
One error is corrected for data exchange of reception registrations. This error could also occur when doing reception registration at a Customer webaccess

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Release Date: 2009-01-21

Analyzer: FlowPeriodDay SQL may fail if multiple FlowPeriod records with the same StartDate
The error was corrected (in 4.1.0 and 4.2.0) by selecting ONE of these records.

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PipeChain 4.2.0 15
Release Date: 2009-02-03

Supply: Corrected error on data exchange of reception registrations
One error is corrcted for data exchange of reception registrations. This error could also occur when doing reception registration at a Customer webaccess

Supply: Filter deliveries
Screens displaying deliveries can now filter many delivery properties, such as Delivery Type, Delivery Status, Order Id and Line, Shipment Time, Receipt Time and Quantity.

Supply: Calendar filter
The Calendar screen has a filter

Supply: Own Bucket Detail / Multiline Notes text
The text field shown on the Notes tab is now presented as a HTML string with multiline possibility. Bold text tags, image tags etc can be used for richer text presentation.

Here is how to show an image in the text field:

<p>
This feature is used in the following places in the Supply client:

Own Bucket Detail/Notes
Inbound Delivery Detail/Notes
Inbound Suggestion Detail/Notes

MACom: Accepts fractional seconds when parsing XML dates
Using the XML format for dates including fractional seconds is now accepted.

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Release Date: 2009-02-06

Supply: New buttons for cancel shipping and cancel arrival

Two new buttons "Cancel Shipping" and "Cancel Arrival" are added in screen Inbound Delivery Detail tab Advanced. The old buttons for cancel: Cancel Delivery and Cancel Reception are also moved to the Advanced tab. The user must have at least Site Administrator privilege to use these buttons accept for Cancel delivery. The cancel buttons have following function:

   Cancel Delivery. Change delivery status to Cancel. Can only be used for deliveries of type Purchase Order or Production and if status is Suggestion, Locked or Confirmed
   Cancel Shipping. Change status back to Confirmed or Suggestion. Can only be used if status is Partly Shipped or Shipped.
   Cancel Arrival. Change status back to Shipped, Partly Shipped or Confirmed. Can only be used if status is Arrival. A new reception Registration row with quantity equal the negative accumulated arrival quantity will be created.
   Cancel Reception. Change status back to Arrival, Shipped, Partly Shipped or Confirmed. Can only be used if status is Partly Received or Received (Finished)

A tool tips is added in these buttons telling what status the cancel will be after cancel.

If shipment cancel is done on a delivery that is created during split then it's the delivery merged with it "parent" again. But this is only done if "parent" still exist and is not changed.

Merge is not done during Arrival cancel.

A message is created in Message Log when a cancel is performed by user.

   Text Id 110143: Shipping was cancelled on Inbound Delivery from supplier "1099" "" bucket "20742703" "" (Delivery Id "vpwtsde14222588") by "User sa".
  Text Id 110144: Arrival was cancelled on Inbound Delivery from supplier "1099" "" bucket "20742703" "" (Delivery Id "vpwtsde14222588") by "User sa".
   Text Id 110145: Reception was cancelled on Inbound Delivery from supplier "1099" "" bucket "20742703" "" (Delivery Id "vpwtsde14222588") by "User sa".

LoadPlanner: Load Capacity is always presented with 3 decimals

The change affects the screens; Transport Unit Detail, Delivery Unit Detail and Shipment Detail/Load Capacity

Supply: Information logging for too early shipping time

When the shipping time is changed (using PW03 or WebAccess) to be 1 hour or more before the planned shipping time and the delivery type id Purchase Order, the text
"Too early shipment time." is logged as below:
Delivery Shipped With Changes: The delivery with Product Id = "11158272", "", Quantity "130", Receipt Time "2008-08-26 14:00", Supplier Id = "1100", "" and Delivery Id = "vpwtsde14200657" was shipped by MACom Common Processor.Delivery Quantity was changed from 130 to 100. Too early shipment time. Shipment Time was changed from 2008-08-25 12:00 to 2008-08-24 12:00.

This message have Text Id: 110206 and are used for all changes of delivery during Confirmation and Shippment. But if the shipment is done in advance then the text "Too early shipment time" will be included.

Supply: New columns Min Deliv Qty and Max Deliv Qty added in screen Own Bucket Detail/Inbound Deliveries

The Own Bucket Detail/Inbound Deliveries screen has been completed with two new columns (Min Deliv Qty and Max Deliv Qty).

Supply: Updatable Invoice No and Container No in screen Inbound Delivery detail tab Order

The fields Invoice No and Container No are now opened for editing in the screen Inbound Delivery detail tab Order. The user must have at least Site Administrator privilege to be allowed to edit these fields.

Supply: Managed Inventory logging when changed

Below are the logged messages for changing the 'Supplier Managed Inventory' from SMI to non-SMI
<p>
Site id "1622", "Skövde": Supplier id "1099", "" (WebUser sa) wants to change inventory responsible for product id "20412200", "" from SMI to non-SMI. Supplier id "1099", "": Customer id "510604", "" (User sa) has accepted a request to change inventory responsible for product id "20412200", "" from SMI to non-SMI.
<p>
Below are the logged messages for changing the 'Supplier Managed Inventory' from non-SMI to SMI
<p>
Supplier id "1099", "": Customer id "510604", "" (User sa) wants to change inventory responsible for product id "1067254", "" from non-SMI to SMI. Site id "1622", "Skövde": Supplier id "1099", "" (WebUser sa) has accepted a request to change inventory responsible for product id "1067254", "" from non-SMI to SMI.

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Supply: Keep product when moving between History tab and Total Outflow tab

From now on is the product selected kept when moving between History tab and Total Outflow tab. This means that the users don't have to select product each time switching between these tabs. Even the snap shot time is kept when moving between History tab and Total Outflow tab.

Supply: WebAccess Partners list sorting

The list of the Partners in the WebAccess can now be sorted either by the partner name (default) or the partner Id.
Use the client application/Selected Properties screen to manage that.
The following Property Value Category used for that:
'Order partners (suppliers/customers) by name in partner list in WebAccess. Use business key for non-default setting.'
Create a new record with a specific business key for the business that needs to be sorted in a different way.
The setting value must be set to false for sorting by partner Id.

Supply: New column for one year demand in Total Outflow tab screen Supplier Detail.

A new column "1 Yr Dmd" is added in Total Outflow tab screen Supplier Detail. This new column is updated with acumulated demands from snap shot time and 1 year ahead including backlog quantity. Note that the "1 Yr Dmd " is not keeping accumulated quantity for one year if range of flow periods i less then one year.

Supply: Possible to rename Sales Order Id and Sub Order ID and make these field editable

There exist 4 properties to rename Sales order Id and Sub order Id in screen Inbound Delivery Detail:

 se.masystem.pipeline.inbounddelivery.salesorderid.longlabel
 se.masystem.pipeline.inbounddelivery.suborderid.longlabel
se.masystem.pipeline.inbounddelivery.salesorderid.shortlabel
se.masystem.pipeline.inbounddelivery.suborderid.shortlabel

From now on is these fields open for input in screen Inbound Delivery Detial tab Order if the "longlabel" properties are set

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Supply: More fields open for input when creating new delivery in Inbound Delivery Detail screen

5 new fields are now open for input when creating a new delivery in screen Inbound Delivery Detail, tab Order These five new fields are:

 Invoice No
Container No
Sales Order Id
Sub Order Id
 (Sales order) Line

Inserting a new delivery is done by pressing New button in this screen. Note that you must be Site Administrators to insert a new delivery.

Supply: Updated ConfirmedQty2 after manual changed quantity in Inbound Delivery Detail

The field ConfirmedQty2 is now updated when the user updates the quantity in inbound delivery detail if the 'Send Delivery Suggestion' strategy is of type 'Automatic Confirmation'. The 'Send Delivery Suggestion' strategy is defined in the Own Site screen and can be overridden in the Partner Agreement and Delivery Agreement screens.

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Release Date: 2009-02-11

Supply: Inbound Delivery performance

The very poor performance, when sorting the Inbound Deliveris screen by Urgency, was fixed.

MACom: Could not change polling interval on a FTP channel

The polling interval entered in screen Channel Detail was not used, instead was the polling interval always 60s. THis is now corrected so that entered polling interval is used for ftp channels

Supply: Expect Despatch Advise and Expect Receipt Advise were reset

Every data exchange the check boxes for Expect Despatch Advise and Expect Receipt Advise in the were unchecked. This resulted in automatic receiving if the balance was increased.

The error is now corrected.

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Release Date: 2009-02-06

WebEDI: Error when creating invoice

If more than one order is selected for invoicing and it's not allowed to have more than one order in each invoice the action failed.

This error is corrected now.

Analyzer: Groups use business key in stead of Site key

When Analyzer groups were connected to PipeChain groups in version 4.1.0, Analyzer groups were given the same "keys" as PipeChain groups, GroupId + SiteKey. At this time this was not an issue. When the new Analyzer dimension "Business Node with Sites" was introduced in 4.2.0, this dimension would find site specific groups, probably in a greater number than the user would expect (up to "no of groups * no of sites").

Thus, the following changes were applied:
Business Groups are saved with "keys" GroupId + BizKey (this requires no database change because the old SiteKey is used for this new purpose).
Product Groups are also saved with "keys" GroupId + BizKey. This gives "symmetry" as well as ability to handle a "Product with Sites" dimension in the future.
Businesses (and Products) find their corresponding group by SiteKey/BizKey matching.
In PipeChain, the checkbox for Analyzer groups ("Only Unique Members") may only be set for one single "Group Id" per business.
The "Others" default groups are no longer added to the PipeChain database (actually they are auto-removed). If needed, they are added directly to the Analyzer database.

Action on installation

If a customer has run PipeChain version 4.1.0 or 4.2.0 SP00-SP17, there will be superfluous groups in the Analyzer database, as well as Products/Businesses pointing to them.
This is handled by running a SQL-script provided by PipeChain AB. Note that there will be no actual problem unless groups are used in conjunction with the "Business Node with Sites" dimension.

MACom: Added timeout value 30 sec for email server connections

Timeout properties are now used for channels with communication type EMail. This affects both EMail sender (smtp) and EMail receiver (POP3).
From now on is properties mail.smtp.connectiontimeout and mail.smtp.timeout set to 30 sec. Before was the timeout value infinity. Hopefully will this prevent mail channel from "hanging eternal" when getting problem with connection to mail server.

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Release Date: 2009-02-16

Supply: Corrected database script for upgrade and new installation
There were some errors in dabatase script for upgrade and new installation for table Invoice and SelectedProperties

SelectedProperties.settings is extended from 35 characters to 200 characters.
Invoice.PaymentAccountType1, Invoice.PaymentAccountNo1, Invoice.PaymentAccountType2 and Invoice.PaymentAccountNo2 shoudl always be 40 characters

Action on installation
If a customer has run PipeChain version 4.1.0 or 4.2.0 SP00-SP17, there will be superfluous groups in the Analyzer database, as well as Products/Businesses pointing to them.
This is handled by running a SQL-script provided by PipeChain AB. Note that there will be no actual problem unless groups are used in conjunction with the "Business Node with Sites" dimension.

Supply: Correction in the background job Automatic Receipt
The deliveries are handled depending on if the process configuration for if despatch advice is expected.
If the message is expected deliveries that have a status from shipped is handled
otherwise deliveries that have a status from confirmed is handled

Supply: Correction when handling Partner Agreement
The information for orderlines was not shown if the Partner Agreement was newly created.
The error is corrected.

A workarround until a corrected version is installed;
Update the Expect despatch Advice field in the Process Configuration folder at the partner agreement.
Save the modification.

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Release Date: 2009-03-03

MACom: SOAP Message Keeper

The purpose of the newly created component Message Keeper is to keep track of the SOAP messages that are successfully saved in the database.
This information is buffered on the Tomcat side to guarantee the highest possible performance.
When a new SOAP message arrives, the system first checks whether we have already received that message before.
If so a "OK 200" reply is directly sent back to the caller without saving that message in the database since it is not a new one.
The life time of the registered messages in the Message Keeper is set to 24h.
Note that the message keeper is reset on restarting the web server (Tomcat)!

Supply: New Product Certificate

The PipeChain Supply is signed with a new certificate on 2009-02-03. On the PipeChain server the contentents of the directory ..\jre\lib\ext\ must be upgraded.

Supply: Missing Process Config

When the partner agreement transaction (CS44) was used the Process Configurartion record was not created. This error has now been corrected.

Analyzer: Supplier and Customer groups are saved per Business

The new dimension "Business Node With Sites" was not presented in a useful way because the Supplier/Customer groups were saved per site. In a Pivot Table each "Group X Site" would show up, in stead of just the groups.

This was corrected by
- defining that Suppliers/Customers are saved per Business in the Analyzer (for the time beeing, saving the BizKey in column SiteKey).
- adding conditions for groups and members in PipeChain Supply. If a group "Has Unique Members" (i e is used by Analyzer), its members must be unique in the whole business, and so must the Group Id.
- corresponding changes when groups, suppliers and customers are saved to the Analyzer
- changing the script that updates Analyzer from 4.0.0 to 4.1.0, as well as the instructions
- adding a script for "cleaning" Analyzer databases that have been run using PipeChain version 4.1.0 or 4.2.0 < SP20.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 21
Release Date: 2009-03-06

WebShop: Product Search Dimensions

When searching for a product in the WebShop using the dimensions, only the numeric values of the Length, Width and Height are included in the search result.

PipeChain 4.2.0 22
Release Date: 2009-03-11

Supply: Product Attributes Length Width and Height

The product attributes Length Width and Height are now validated as numeric values in the client application and the CS08 (product definition transaction).
If the CS08 attribute value is not numeric, they system converts it to numeric and a warning log message is created as below:
TSA=2009-03-09 20:28:18.023 CET, TSS=2009-03-10 02:28:18.023 ICT, LGT=USER
SSN=MACom Common Processor, THR=MACom Common Processor, SRC=MessageLog
 Product "Jna_8" "" Attribute Width has a non numeric value. The old value "500/300/200" is converted to "500"

Supply: Init Duration and Resulting Duration was not calculated correctly when several deliveries have the same receipt time.

Init Duration and Resulting Duration was not calculated correctly when several deliveries have the same receipt time.

WebEDI: Purchase Order Report-Shipment time

The shipment time of the order and order lines is added to the purchase order report.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 23
Release Date: 2009-03-20

Analyzer: Suppliers/Customers in the Analyzer was not updated after the Partner Agreement was removed
The update of Suppliers/Customers in the PipeChain Analyzer was driven entirely by changes in Partner Agreements, but som changes (group membership and supplier/customer name) should always be updated.
This is now done automatically by the Analyzer Poll background job.

Supply: SOAP Message Keeper using Sender information

In this version the SOAP Message Keeper is enhanced to identify messages using not only the External Message Number but even Sender Id and Sender address Id. If the External Message Number is missing the message is not saved in the message keeper.

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PipeChain 4.2.0

PipeChain 4.2.0 24
Release Date: 2009-04-06

Supply: Possible to create suggestions from Inbound Delivery Suggestion Detail screen and from Inbound Delivery Detail screen

Made it possible to create suggestions from Inbound Delivery Suggestion Detail screen and from Inbound Delivery Detail screen by using the "new" button. Before it was only possible to create deliveries not suggestions, but now is a suggestion created if the shipping time is outside confirmation margin.

Platform: Added business, site info and selected tab title in list printing

The list printing is extended with information about business name, business id, site name, site id and title of selected tab(optional) This affect printing selected by File/Print../Print a list of all items in table

Supply: Deliveries with too large quantities was created just before closing days

A Deliveries with too large quantities was created just before closing days.The internal transport list should always include one transport after planning horizon, this was not the case when this transport was removed during cancel for closed day. This is now corrected.

Supply: New columns for Backlog and Transit Quantity in demand history screen

Two new columns are added for displaying Backlog and Transit Quantity. These values where earlier displayed in the first cell in a demand data line.

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Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 25
Release Date: 2009-04-15

Supply: New attributes for Analyzer in Own Bucket Detail screen

Three new attributes "Volume Value", "Volume" and "Standard Cost" are added into the new tab "Analyzer Information". These fields are open for editing and can also be populated with transaction CS08 Product Definition. A new element "AnalyzerInformation" with attributes "VolumeValue", "Volume" and "StandardCost" are added to the Product Definition transaction.

Supply: No warning on shippment time in Inbound Delivery Overview

There was no warning (yellow color) on shipment time when the shipment was not done a shipment time was passed. This because the flag ExpectDesAdv was not updated correctly.

Supply: Delievries with too large quantites was created just before closing days.

There must always be one transport after planning margin; this transport is only use internally to calculate the quantity for last delivery inside planning margin. In some cases was this transport removed.
It was removed because there was another transport with the same reception time but earlier shipment time. From now is always the transport with shortest transport time kept when deleting transports with the same transport reception time. This will make sure that there is always created an transport time with shipment time after planning margin.

Supply: Automatic receipt correction.

Only shipped deliveries are automatically changed to received when shipment advice is required.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 26

Release Date: 2009-05-04

Supply: No History Demand plan created

A CS67 transaction was created but no demand plan history when running "Generate and Send Delivery Forcast for this Delivery agreement". This is now corrected so that even demand plan history is created.

WebAccess/WebShop: Locale Enhancement/Related Products SQL Server 2005 Compatibility

Enhancements added to support locales like German-Swiss eg 10'000.
The Related Products functionality is modified to support SQL Server 2005.

PipeChain 4.2.0 27

Release Date: 2009-06-09

Background Job deadlock solved

Backgrond jobs (often of type "Normal Data Exchange Manager") could become deadlocked, and eventually lock up the entire PipeChain Server. This problem is now solved.

Action on installation

None

Supply: Incorrect init and resulting duration in screen Own Bucket Detail/Inbound Deliveries

Init and resulting duration in screen Own Bucket Detail/Inbound Deliveries was not calulated correctly when pressing button"Recalulate Duration".
This is now corrected.

WebAccess: Internet Explorer 8.0 Compatibility

Compatibility fix for support of Internet Explorer 8.0 and higher versions. This solves a problem with the WebAccess menus when using IE8.0

Action on installation

WebAcess standard components should be installed. Customized part should also be installed if used.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 28
Release Date: 2009-06-23

WebStart: Export to Excel
The Export to Excel function found in the Overview screens in the PipeChain client which is started using the WebStart function on the web is corrected in this service pack.

PipeChain 4.2.0 29
Release Date: 2009-07-23

Supply: Production requisition response (CS72) fails to cancel order line
When a production order line is cancelled with Production requisition response (CS72) it fails with the following error message: "...Error cause is se.masystem.macom.SessionFactory$SwappableBusinessSession". This is now corrected.

WebShop: Supplier balance is displayed in Excel as zero
The supplier balance is displayed in Excel as zero even when the user has the right to see it. This is now corrected.

WebShop: Customer name length is increased
The error "[Item custName] The text is too long for this Item, that has a maximum string length of 35" is now corrected by increasing the length to 70 characters.

WebShop: Assigned Parameter Group gets removed
When having selected a parameter group on the delivery agreement it gets removed whilst processing a CS08 for updating a product which does not contain any attribute for ParameterGroup assignment. Issue: user selects parameter group for specific products, but it gets removed afterwards.
The is now corrected.

Release Notes Summary
PipeChain 4.2.0

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PipeChain 4.2.0 30
Release Date: 2009-08-06

Analyzer: Performance improvement in Analyzer Poll when using Data Exchange

The SQL that reads Data Exchanges for saving into Analyzer had performance problems.
As data grew larger, performance deteriorated rapidly, in some cases the SELECT statement could require several hours to execute.

Performance is vastly improved in version 4.3.0 (using two new database indices, and some SQL changes).
In version 4.2.0 the problem must be handled by NOT saving the Data Exchange data into Analyzer. A new property has been added to facilitate this.

Action on installation

If the installation has experienced performance problems when saving Data Exchanges, add the following line to the used .properties file (in the bin-directory) and restart the server.

se.masystem.pipeline.server.disableAnalyzerDataExch = true

PipeChain GUSI Converter

At the end of 2004 the Global Commerce Initiative (GCI), located in Cologne, Germany, initiated a new Working Group and incorporated the already-active Global Upstream Supply Initiative (GUSI). Since then GCI, together with the Working Group and GS1, has successfully designed a process model and supporting XML message standards for manufacturers of consumer product goods and suppliers of packaging, ingredients and raw materials. The aim of this model and message standards is to provide tighter integration of supply chains without the need for costly and time-consuming IT integration projects with every partner, and both the model and messages are now being implemented across multiple countries across the world by many companies.

Ever since 2006, PipeChain has supported the GUSI process model and GS1 messages. PipeChain's GUSI converter is a lightweight plug-in for the PipeChain Supply software that converts the GS1 XML messages to PipeChain XML format, allowing for integration with any system that uses the GUSI/GS1 standard.

The latest GSI version supported is version 2.3. The following messages are currently supported by the converter:
• Despatch Advice
• Goods Requirement
• Inventory Activity/Inventory Status
• Receipt Advice
• Replenishment Proposal
• Replenishment Request

Action on installation

To use the converter software with the PipeChain Supply software, only three simple steps are needed:
1. Obtain the converter plug-in and place it a directory on your server
2. Create a PipeChain supply channel and snap-in the plug-in.
3. Start the channel

Observe that no software installation process is needed. The plug-in can be made in a "hot" condition – this means that you can start using the plug-in a server without having to shut it down first.

Additional Reading
For more information, please refer to the PipeChain GUSI Converter documentation.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 31
Release Date: 2009-08-25

Supply: Null pointer exception when processing PW03
Corrected null pointer exception fault. Null pointer exception occurred when Dispatch advice (PW03) shipped quantity exceeded total quantity for deliveries, including suggestions and finished. Instead of null pointer exception is now the last found delivery updated with increased delivery quantity. This fault only happans when PW03 attribute ShipNextIfQuantityExceedsDeliveryQuantity is true.

PipeChain 4.2.0 32
Release Date: 2009-08-26

Supply: Comfirmed2 Quantity is not always updated.
When updating a confirmed delivery with a new quantity then should also field Confimed2 Quantity be updated when using Automatic Confirmation. To determine if Automatic Confirmation should be used is done by checking parameter "Send Delivery Suggestion". In first case this will be according to this parameter in Delivery agreement and in second case according to Partner Agreement and third case according to Own Site. The error was that the Partner Agreement was never checked. This is not corrected

PipeChain 4.2.0 33
Release Date: 2009-09-08

Supply: Too many duration meters with triangle
The logic for displaying triangle as warning was not working correctly. This error has been since Service pack 27 but is now corrected

PipeChain 4.2.0 34
Release Date: 2009-09-08

Customer Specific: Additions to Supplier Parts
Changes were made to a customer specific (non-standard) function.

PipeChain 4.2.0 35
Release Date: 2009-09-17

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 35
Release Date: 2009-09-17

Recalculate duration button in screen Own Bucket is not always working.
Recalculating Duration from screen Own bucket was not working if the calculate horizon is not including any suggestion. Infact in case was nothing recalulated when pressing the Recaulation Duration button. This error is now corrected.

PipeChain 4.2.0 36
Release Date: 2009-09-28

Supply: New function for reducing peak before closed period.
A new function for reducing the quantity peak just before a closed period (i.e. vacation) can now be used. This is the case when a supplier has closed for vacation, this will generate a large delivery for last delivery before the vacation. This can now be delimited by distributed deliveries to earlier days. The sequence of deliveries is kept by joining deliveries into pairs. How the move and merge is done see document "CR51 Deliveries before summer vacation Solution .ppt"

When deliveries are merged into pair information about the original reception time and delivery quantity is saved and shown in new tab "Text" in screens:
* Inbound Delivery Suggestion Detail
* Inbound Delivery Detail
* Finished inbound Delivery Detail

To activate the Reduce Peak function change field "Reduce peak delivery before closed period strategy" from "Off" to "Distribute to Previous Days" in Reception Schedule Detail/Advanced. There is also a new property se.masystem.pipeline.receptionschedule.redusepeak.closedperiod.mindays with default value of 7 days. This property controls the minimum days for a closed period for using the Reduce Peak function. Note if activated "Ship on previous Open Day" this function will only be used if closed period is less then 7 days in this case.

The planning horizon for suggestion and forecast generation is extended dynamically to incluse a closed period if there is a closed period just after the horizon

Restrictions
* The function should not be activated just before a closed period. I.e. if a vacation is for 4 weeks the functions must be turned on at least 4 weeks before the vacation. If the vacation is for 5 weeks it must be turned on at least 5 weeks before...
* The Reduce Peak function can only handle close period of max 6 weeks.
* Suggestions must be confirmed in a strict sequence, with the earliest reception time first. This is always the case when using automatic confirmation

Release Notes Summary
PipeChain 4.2.0

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PipeChain 4.2.0 37
Release Date: 2009-10-01

Analyzer: Inventory sums restored

When the new "Business Node with Sites" dimension was introduced in PipeChain Analyzer version 4.2.0 SP00, some arithmetic in the inventory cubes were changed.
The reason for this was that the arithmetic only depended on the old "Business Node per Site" dimension, and did not work correctly for the new dimension.
The effect was that the Inventory KPIs for entity (units) were shown as "averages" rather than "sums".

Now the Inventory KPIs for entity (units) are restored to showing "sums". This is done in a different way than before - that works for both business dimensions.

Action on installation

This change will automatically be available to all users when upgrading from version 4.2.0 to 4.3.0.
If a customer wishes to get this function while using version 4.2.0, he must also run an upgrade script on the PipeChain Analyzer database AND install a new version of the OLAP database.
These files are included in the servicepack.

PipeChain 4.2.0 38
Release Date: 2009-10-05

Supply: Suggestions not always created

No suggestions at all where created for some products when doing "Suggestion generation" of "Forecast generation" for several product. This is now corrected.

PipeChain 4.2.0 39
Release Date: 2009-10-29

WebEDI: Invoice confirmed price decimals

The price/confirmed price is now presented with 4 decimals on the Invoice Despatch WebEDI screen.
Even the invoice transaction (CS80) now uses 4 decimals.

Supply: Arrival registration (CS45) on several deliveries with the same delivery note id

The processing of Arrival Registration CS45 is changed so that several deliveries is arrived if they has the same delivery note id and is covered of the arrival quantity.

This is done in 4 steps until arrival quantity is "consumed"
  1.) Check if already arrived, transaction processed error
  2.) Arrive all confirmed deliveries with this delivery note id
  3.) Arrive all confirmed deliveries with blank deliver note id
  4.) Create new delivery with status arrived

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PipeChain 4.2.0

PipeChain 4.2.0 40
Release Date: 2009-12-04

Supply: Could not split a delivery more than 10 times.
A delivery could not be splitted more than 10 times. This is now corrected.

Supply: Updating delivery agreement Parameter group is not always working in scrreen Inbound Delivery Agreement Overview
The change of delivery agreement paramter group in scrreen Delivery Agreement Overview those not always take affect on group parameters like leadtime, maxtime,.... This error is now corrected.

PipeChain 4.2.0 41
Release Date: 2009-12-11

Supply: Invoicing without order made possible when temporary invoice created
If an invoice was created (but invoicing was not finalized) and then the order was received, it was not possible to finalize the invoicing. This error is now corrected.

PipeChain 4.2.0 42
Release Date: 2010-01-07

Supply: Invoicing without order made possible
If an invoice was to be created after the order was received, it was not possible. This error is now corrected.
It's also possible to print a pdf of the invoice. The information from the order is though missing. In later versions the order is saved as finished and this is not a problem.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 43

Release Date: 2010-01-20

Supply: Day of week was not always displayed correctly in screeen Inbound Reception Schedule Detail in tab Cancel Transport and Extra Transport

The day of week was not diplayed correctly in Cancel Transport and Extra Transport tab. This was the case when the Time zone differnce supplier to customer was greater that duration beetween midnight and shippment time or reception time. This error is now corrected.

Note that the transport must be rectreated to correct old cancel transports and extra transport for the week day error.

Supply Correction: Suggestion generation background jobs were not started on corrected day when using calendar

Scheduling of forecasts and delivery suggestion generation was not working correctly. Background jobs were not started on corrected day when using calendar to determine open and closed days. This error was cased by using wrong time zone was used when looking in calendar for open/closed days. This is now corrected.

Supply Correction: No transaction CS67 was sent after delivery suggestion generation because of null-exception

Corrected two null poniter exceptions when using function "Reduce Peak before closed period". No transaction of type CS67 was sent because of this error. This is now corrected.

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Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 44
Release Date: 2010-04-13

Supply: Changing site from Duration Meter screen
Changing site, when standing in one of the Duration Meter screens, has been very slow. This problem is now fixed.

Supply Correction: Delivery plans was not always sent
Delivery plans was not always sent because of incorrect handling of "Send delivery suggestion delay time" and "Send Forecast delay time. This is now corrected.

Analyzer: Error if Site Name was changed
If a Site Id or Site Name was changed, its DimBizNode record was NOT changed, but a new record was created.
If so, data in the cubes will be divided between the two Sites.
See "Action..." on how to check and fix this.

Action on installation
This Action applies if you use PipeChain Analyzer, have been running version 4.1.0, 4.2.0 or 4.3.0, and has upgraded to 4.1.0 SP13, 4.2.0 SP44, 4.3.0 SP17, 4.4.0 SP13, 4.5.0 SP00 or later.

If a Site Id or Site Name was changed, the corresponding DimBizNode record was NOT changed, but a new record was created. This means that cube data will be found under two Sites in stead of one.
Run the below SQL on your Analyzer database to test if the problem is present. If the SQL returns no lines, everything is fine, otherwise please contact PipeChain Support on how to correct the saved history data.

SELECT * FROM DimBizNode DBN WHERE DBN.BizNodeType=10 AND (SELECT COUNT(SiteKey) FROM DimBizNode IDBN WHERE IDBN.BizNodeType=10 AND IDBN.SiteKey = DBN.SiteKey) > 1

Release Notes Summary
PipeChain 4.2.0

Analyzer: Error in Inventory cube

A possible "race condition" could cause Inventory records saved on the same day to use different DimTme records.

The error requires that the installation contains more than one site, and is more likely to happen if there are many sites.

If the error has occurred, several measures in the Inventory cube (e g "Stock (units)") will be too low (divided by the number of different DimTme records).

See "Action..." on how to check and fix this.

Action on installation

This Action applies if you use PipeChain Analyzer, have been running version 4.2.0 or 4.3.0, and has upgraded to 4.2.0 SP44, 4.3.0 SP17, 4.4.0 SP13, 4.5.0 SP00 or later.

A possible "race condition" could cause Inventory records saved on the same day to use different DimTme records. This would cause several measures in the Inventory cube (e g "Stock (units)") to be too low (divided by the number of different DimTme records). Run the below SQL on your Analyzer database to test if any problem is present. If the SQL returns a zero count, everything is fine.

SELECT COUNT(FI.Inventory_Key) FROM FactInventory FI
INNER JOIN DimTime DT ON DT.Time_Key = FI.Time_Key
WHERE EXISTS
 (SELECT FII.Inventory_Key FROM FactInventory FII
 INNER JOIN DimTime DTI ON DTI.Time_Key = FII.Time_Key
 AND DT.Year = DTI.Year AND DT.WeekOfYear = DTI.WeekOfYear AND DT.DayOfWeek = DTI.DayOfWeek
 AND DT.Time_Key <> DTI.Time_Key)

If the SQL returns a non-zero count, the data may be corrected with the below SQL. It will be quite time and resource consuming if there are many (millions) of FactInventory records.

UPDATE FactInventory SET Time_Key =
 (SELECT MIN(FII.Time_Key) FROM FactInventory FII
 WHERE DatePart(yy, FactInventory.DimDate) = DatePart(yy, FII.DimDate)
 AND DatePart(mm, FactInventory.DimDate) = DatePart(mm, FII.DimDate)
 AND DatePart(dd, FactInventory.DimDate) = DatePart(dd, FII.DimDate)
 AND DimDate > '2008-05-01')
WHERE DimDate > '2008-05-01'

Supply: Transaction conflict in outbound order on confirmation

When confirming an order with several lines with the same product (updating own balance) not grouped together a transaction conflict will apear.

The workaround is to sort the order lines on product Id.

This is now corrected.

Supply: Calculate duration on orderlines coming in purchase order from my customer not done

The initial and resulting duration on order lines is not calculated when the order is processed.

The workaround is to recalculate the duration on the products manually.

This is now corrected.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 45
Release Date: 2010-04-28

Supply: Calculate blanket order when new order comes with PW40
Blanket order id is looked up and the order lines are updated with the id in the purchase order id field when a replenishment order is received with PW40.

Platform: Enhancements for Background Job management
The PipeChain platform now allows customer specific "Plugin Background Jobs".

The Background Job detail screen har been enhanced in the following ways:
- seven checkboxes allow execution to be controlled per weekday
- it is possible to filter on Site, Job Id and Job Status
- it is possible o sort on Business, Site, Job Id, Job Status, Run Mode, Enabling and First Start Time

PipeChain 4.2.0 46
Release Date: 2010-05-24

Platform: Enhancements for Background Job management, bug fix.
The PipeChain platform changes that allow "disable run on certain weekdays" (introduced in 4.2.0 SP45) contained a bug.
If a site runs in another time zone than the server, background jobs may get stuck in an infinite loop.
The error was fixed.

PipeChain 4.2.0 47
Release Date: 2010-06-08

Platform: Enhancements for Background Job management, bug fix.
The PipeChain platform changes that allow "disable run on certain weekdays" (introduced in 4.2.0SP45) contained one more bug.
If a background job had a running interval with a start time later than 00:00 and a stop time of 00:00, the background job AND the background job manager would get stuck in an infinite loop.
The error was fixed.

Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 48
Release Date: 2010-06-21

Platform: Enhancements for Background Job management, bug fix.
The PipeChain platform changes that allow "disable run on certain weekdays" (introduced in 4.2.0 SP45) contained one more bug.
In some cases when the weekday was changed, the job's "Next Start Time" was not updated. The error was corrected.

PipeChain 4.2.0 49
Release Date: 2010-10-31

Supply Correction: No transaction CS67 was sent after delivery suggestion generation because of null-exception (Second correction)
Corrected two null poniter exceptions when using function "Reduce Peak before closed period". No transaction of type CS67 was sent because of this error. This is now corrected.

Supply Correction: Empty transport list
Transport list could be empty if i.e. a supplier from Los Angeles delivering to France (Venissieux) when shipping time is equal or after 15:00 a Friday (LA Time zone). This because there are 9 hours difference in time between LA and Venissieux. The error is that 15:00 is handled in wrong time zone and the time is treated as 00:00 Saturday and because Saturdays is closed at supplier no transports where created.

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Release Notes Summary
PipeChain 4.2.0

PipeChain 4.2.0 50
Release Date: 2011-01-18

Supply Correction: Max Quantity (Max Time) was used instead of Min quantity

Min Quantity should be used when using Transport Strategy. But Max Quantity was used because of incorrect calculation of Min Quantity. This error could happend when:
* Using Flow Model with Period Type "Production Plan Daily"
* Has demands on closed days
* Using Safety Balance

Supply/SOC/POC: New Code Signing Certificate

A new code singning certificate is used from this version on. The jar files located under following directories need to be updated:
1. On the PipeChain server side .\jre\lib\ext*.jar
2. On the web application side .\WEB-INF\lib*.jar
3. On the web application side .\WebStart*.jar

PipeChain 4.2.0 51
Release Date: 2011-02-28

Forecast generation was not started when scheduling in Japan time zone

Forecast generation was not started when scheduling in Japan time zone. This is now corrected.

Note Also corrected in PipeChain 4.7.0 SP2

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