

Release Notes Summary

PipeChain 4.4.0



PipeChain 4.4.0 01

Release Date: 2009-11-18

Property for grid chunk size

The chunk size (i.e. the number of rows fetched in one operation) for grid screens can now be set by a property in the client's property file. The name of the property is 'se.masystem.display.maxChunkSizeForGridModelLimit'. A negative or zero value causes the system to automatically choose a chunk size based on the screen resolution. Can be used to optimize fetch times for wide grids when HTTP is used as Client/Server protocol.

PipeChain 4.4.0 02

Release Date: 2009-12-18

PipeChain 4.4.0 03

Release Date: 2010-01-13

Supply Correction: Long term FlowModel was not deleted when deleting product

Long term FlowModel was not deleted when deleting own product or customer product. This is now corrected so that Long Term Flow Models are always deleted when deleting Own Product (bucket) or Customer Product.

PipeChain 4.4.0 04

Release Date: 2010-01-19

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PipeChain 4.4.0 05

Release Date: 2010-01-20

Supply Correction: Duration meter and inventory chart was not displayed correctly when using flow model of type Sales Forecast.

Duration meter and inventory chart was not displayed correctly when using flow model of type Sales Forecast. This is now corrected.

Load Planner Correction: Null exception when manual sending suggestion from Load Planner

There was a Null Exception when trying to send suggestion by pressing "Send" button in screen Shipment Detail in module Load Planner. This error is not corrected.

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Release Date: 2010-01-25

Copy and Paste in Grids

Copy and paste now works as expected in the grids. Ctrl+C copies the content of the selected grid cell. Ctrl+V pastes into the selected cell, provided that it's editable and not a checkbox.

Action on installation

None

Supply: CS39 not valid

CS39 is not valid if the order line has multiple unit quantity.

The error has been corrected. The multiple unit quantity is now presented in attribute MultipleUnit and not MultipleUnitQuantity.

Supply: Empty CS39 not sent

It's possible to send an empty CS39 from the inbound order screen, but you'll get an error message not possible to understand. The error is now corrected and you get a better message.

Supply: Button for sending suggesting now even in suggestion detail screen

A new button "Send" is added in Inbound Delivery Suggestion Detail for sending delivery suggestions. This activity was before only found in overview screen

Alias and Server Properties in client

There was a problem displaying the server's alias in the client's title, and the server's properties in the "Properties" dialog. The problems occurred only when HTTP was used as transmission protocol between server and client, and are now fixed.

Action on installation

None.

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Release Date: 2010-01-26

Supply: Correction of Aggregation plus from Recipe

Several corrections have been made on the algorithms for Aggregation plus from Recipe.

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Release Date: 2010-01-29

Start Delivery

A new action in screens for Inbound Deliveries changes the status from Confirmed to Started.

Action on installation

None

Supply: New type of aggregation

Two new ways of updating the own flow models has been added. The new update modes are called "Aggregated plus from inbound suggestions via Recipe" and "Aggregated plus from own flow models via Recipe".

The first update mode is called "Aggregated plus from inbound suggestions via Recipe".

The new aggregation is a combination of aggregation of all customers' flow models and getting the component demand from inbound orders and suggestions. The recipes (bill of materials) are used for breaking down the order lines and suggestions to component demand. All order lines up to (not including) status started are included.

The second update mode is called "Aggregated plus from own flow models via Recipe".

The new aggregation is a combination of aggregation of all customers' flow models and getting the component demand from inbound orders and suggestions. The recipes (bill of materials) are used for breaking down the order lines and suggestions to component demand. All order lines up to (not including) status started are included.

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Release Date: 2010-02-01

Update job indicator

In some screens, there is an indicator that displays if the 'Delivery Suggestion Generation' background job is running. This indicator is normally updated continuously, but that has been known cause some deadlock conflicts (especially when running the client via Java Web Start). The continuous update can now be shut off, by setting the client's property 'se.masystem.pipechain.client.autoupdate.delivsuggen' to 'false'.

Action on installation

Set client's property 'se.masystem.pipechain.client.autoupdate.delivsuggen' to 'false', if you experience deadlocks in screens that display the indicator for 'Delivery Suggestion Generation' background job.

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Release Date: 2010-02-05

Show client memory usage

The client's memory usage is displayed in the About Box, the "User Info" tab.

Java Web Start client max heap

A client, started via Java Web Start, will now be allowed to allocate a heap of max 1024 MB, up to a quarter of the machine's physical memory.

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Release Date: 2010-02-12

Load Planner Correction: Transaction conflict when processing Reception Registration CS06 and using Load Planner

There was a transaction conflict when processing Reception Registration CS06 and using Load Planner. This was the case when using CS06 transaction with "Delivery Note Registration" and the same delivery note id on several deliveries for the same Load Planner shipment. This error is now corrected.

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Release Date: 2010-03-10

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.

Action on installation

None

Load Planner Correction: Shipment status was set to Partly Received even if all deliveries where received

Shipment status was set to Partly Received even if all deliveries where received (finished). This is now corrected.

Supply: CS02 can blank out Alternative Delivery Address and Unit of Measure

Fixed an error where the AlternativeDeliveryAddress and UnitIfMeasure/EgrUnit could be overwritten with blank data if the transaction did not contain any such data.

Error also present in CS52 and PW52.

Action on installation

None

"Too many different cell formats" after export to Excel

After exporting to Excel, the error "Too many different cell formats" could appear under some circumstances. This error is now fixed.

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
```

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Analyzer: Error in Inventory cube

A possible "race condition" could cause Inventory records saved on the same day to use different DimTime 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 DimTime 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 DimTime records. This would cause several measures in the Inventory cube (e.g. "Stock (units)") to be too low (divided by the number of different DimTime 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'
```

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Release Date: 2010-03-15

Supply: Max One Full Pallet Per Line corrected

An error in the split of an order line in one line per pallet corrected.

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Release Date: 2010-03-15

Supply: Outbound Delivery Detail, tab "Documents"

The tab "Documents" displayed no data at all. This problem is now fixed. Also, the unnecessary tab "Information" has been removed.

Supply: Pre 3.0-version of PW05 transaction do not comply to SQL schema

Fixed the pre-3.0 version of OrderHead (PW05 etc), also fixed the OrderHead.Customer.ToCustomer elements previously fixed in 4.3.0

Also in 4.5.0 SP06

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Release Date: 2010-03-25

Supply: Replenishment Order status not always updated

Order status was not updated when cancel an outbound delivery suggestion with delete(X) button or when cancel a shipment from Load Planner. This is now corrected.

Supply: Invoice Message CS80 corrected

The XML message sent from PipeChain had wrong structure. The Invoices node was missing. This is now corrected.

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Release Date: 2010-03-25

Supply: C03 missing Reception Date sets the Delivery's reception date to the value of Shipment Date

If the reception date in CS03 is not set, or set to earlier than the shipment date, and property 119 (that lets the reception date be calculated from the shipment time in the transaction) is not set up; The reception date from the delivery is not kept, but overwritten with the incoming shipment date.

This behaviour is now corrected and in the above case, the existing reception date from the delivery is kept.

POC: Error when shipping deliveries

When the delivery doesn't belong to an order, the user gets an error when trying to ship it. In this version, shipping a delivery doesn't require an order anymore.

CVMI Web Client: Wrong date format when shipping deliveries

When trying to ship deliveries on the web client you get the error Wrong date format. This error is now fixed.

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Release Date: 2010-05-10

Supply: Fixed server hang that could result from faulty syntax when using selected property-defined Replenishment Order Id-generators

Fixed a missing counter issue that could cause an internal loop when using selected-property replenishment number generators and the syntax the user wrote in selected property's value was faulty, effectively causing a server hang.

Supply: Rounding error in delivery investigation based on sales forecast

Fixed a rounding error in delivery investigation with flow model "sales forecast". The error caused suggestion to appear on date where no demand could be calculated.

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Release Date: 2010-06-04

Reconnect after lost DB connection

There has been problems reconnecting to the database after a loss of connection, especially when using the JTDS JDBC driver. This problem is now solved.

Initial and resulting duration on inbound deliveries wrong when sales forecast used

When there is demand inside the frozen horizon and the balance isn't enough the initial and resulting duration is too low because the demand should be ignored when the balance is zero.

The error is corrected.

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Release Date: 2010-06-09

Inbound delivery suggestions wrong when sales forecast used

When there is demand inside the frozen horizon and the balance isn't enough the suggestions is too early because the demand should be ignored when the balance is zero.

The error is corrected.

PipeChain 4.4.0 21

Release Date: 2010-06-09

Inbound delivery suggestions wrong when sales forecast used (2)

When there is demand inside the frozen horizon and the balance isn't enough the suggestions is too early because the demand should be ignored when the balance is zero.

The error is corrected.

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Release Date: 2010-10-12

Supply: Own Market Bucket corrections

A number of flaws concerning Own Market Buckets has been addressed, especially for buckets with no outflow. The "Update Own Market Buckets" background job no longer fails when it encounters a bucket with neither agreements nor outflow.

Action on installation

None

PipeChain 4.4.0 23

Release Date: 2010-10-26

Supply: When shortage within frozen horizon decrease lost quantity with confirmed deliveries

When there is a shortage within the frozen horizon the quantity from confirmed deliveries must be taken into account. The problem only applies to customers with long frozen horizon and sales forecast.

The error is corrected.