6.5.3. Audit trail

The "Audit trail" function in the Produmex Office module allows to document the change history of relevant Organizational Structure Elements or relevant aspects or characteristics of items, business partners, etc.

6.5.3.1. Prerequisites

Set the changes to track on the History config tab of the Organizational Structure before starting to use the Audit trail function. Changes made in the following tables can be tracked:

TABLE	
Audi	PMX_AUDI
Can be lined up	PMX_CBLU
Document locking	PMX_DOLL
History table	PMX_HCOH
History column	PMX_HCOL
Item shelf life for partner	PMX_ICSL
Inventory locking	PMX_INLD
Item zone type	PMX_ITZT
Current lined up location	PMX_LIUP
Logistic unit	PMX_LUID
Link zone – zone type	PMX_LZZT
Bin	PMX_OSBI
Company	PMX_OSCO
Dock	PMX_OSDO
Ose element	PMX_OSEL
Moveable location	PMX_OSML
Packing line	PMX_OSPA
Production line	PMX_OSPL
Printer	PMX_OSPR
Ose storage location	PMX_OSSL
Silo/Tank	PMX_OSST
Thin client	PMX_OSTC
Pmx Warehouse	PMX_OSWH
Zone	PMX_OSZO
Page size	PMX_PGSZ
Print report events	PMX_PRRP
Production step list	PMX_PSLH
Production step list line	PMX_PSLL
Quality status transition	PMX_QSTT
Quality status	PMX_QYST
Reasons	PMX_REAS
Report	PMX_RPRT

TABLE	
Route template	PMX_RTTH
Route template line	PMX_RTTL
Fixed item on location	PMX_SLIT
SSCC	PMX_SSCC
Zone type	PMX_ZOTY

EXAMPLE: **Route template lines**
In the example we will track the changes in route templates.
First we set the PMX_RTTH table to track on the History config window.

For the sake of the example, we updated a route template:
We removed the Customer 3 with the 'Turkey _Istanbul' shipping code and added Customer 5 instead. We also changed the route sequence.

6.5.3.2. Audit trail search

To see the change history of the tables you set to track on the History config tab of the Organizational Structure, open the Audit trail search window via the following path: Produmex > Reports > Audit trail.

On this windows filters for the Audit trail can be added.

- *Table*: The filer will get changes only from the selected table. Please note: every table that can be tracked will be listed, not only the ones that are set to track.
- *Column*: When a table is selected, it is possible to select a column from a dropdown list. Every column from the table is listed. The filter will get changes only from the selected column(s) of the table.
- *User*: The filter will only get changes made by the added user.
- *From*: The filter will get changes made from the selected date.
- *Till*: The filter will only get changes made until the selected date.

Press the 'Update' button to see the details of the Audit trail. The *Audit trail details* window will open up. In case the user makes no selection, an overview of the complete audit trail will be shown.

EXAMPLE: **Route template lines**
On the Audit trail search window we select the 'PMX_RTTL - Route Template Line' table.

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6.5.3.3. Audit trail details

On the Audit trail details window an overview of the changes is shown. *Displayed information*:

- *Table*: The table where the record was created.
- *Column*: The column of the table where the record was created.
- *PK*: The primary key value of the record of logged table column.
- *Type*: The type of the change. Possible values are: A -Add, U -Update, D -Delete.
- *Old value*: The value before the update.
- *New value*: The value after the update.
- *User*: The user who updated the record.
- *DB User*: The database user name.
- *Host*: The database server.
- *Date*: Date of creation of the record.
- *Time*: Time of creation of the record

The list can be filtered further with the standard SBO Filter table function.

EXAMPLE: **Route template lines**
The overview shows that we deleted 'Customer 3' customer from the template, added 'Customer 5' to the template then changed the route sequence.

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