

Profitbase AS

Profitbase Planner

Configuration and Operation Account module

Profitbase

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Content

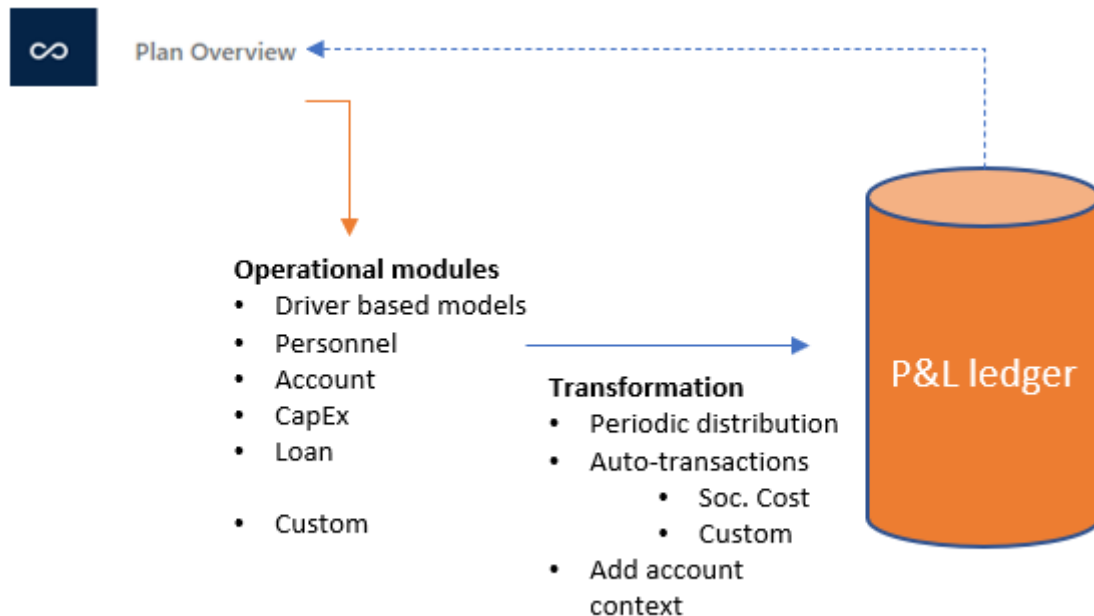
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04.10.2021	2.2	TN	Revised for Planner v5 final

1 Abstract, intended audience and pre-requisites

The Profitbase Planner Configuration and Operation series consist of several documents dealing with the configuration and operation of individual Planner modules and functions.

Planner modules are operational input modules that contributors to the plan processes use to prepare the Profit & Loss (P&L) of their respective areas of responsibility. Different modules will typically cover parts of the P&L such as sales, personnel, cost, etc.



The modules are accessed from the Plan overview workbook of a given version and the input provided by the contributors are transformed into P&L transactions and fed back to the Plan overview workbook resulting in a P&L work-in-progress overview.

The intended audience of this document is implementation partners configuring the solution initially and solution administrators responsible for operating it thereafter.

This document assumes that a Profitbase Planner solution has been deployed and that access to this solution is given to the reader.

2 Common functionality

Changes made to input sheets are not saved automatically. To save changes, click the “Save” button. The “Save” button will remain disabled until a change has been made.

To undo all unsaved changes, click the “Refresh” button.

To undo the last of a series of unsaved changes, click the Ctrl and Z keys simultaneously.

To insert new rows to an input sheet, right-click in the sheet and select one of the available options:

- Insert row
- Insert row below
- Insert copy of row

To delete a row from an input sheet, right-click the row in question and select:

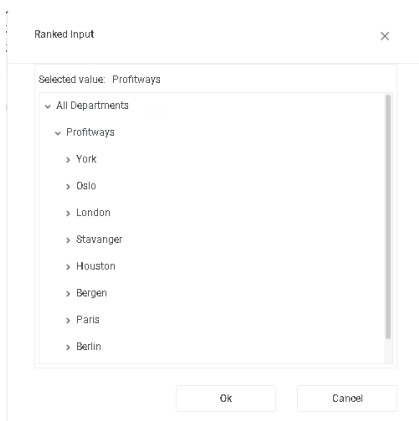
- Delete row

Please note, that although the row is no longer visible in the input sheet, the change must be committed using the “Save” button or undone using the “Refresh” button.

In input sheets, editable fields are distinguished from non-editable fields by fill color, editable fields have by default a white fill color.

In setting tables, a so-called ranked input concept is often used for the dimensional context. Ranked input allows for a high-level selection of dimensional nodes and gives the opportunity to alter the rank or specificity between rows.

A ranked input cell can be set through the ranked input selector by clicking the cell value (cell will display 3 dots if no value is set):



The ranked input selector will display the dimensional hierarchy and allows for the selection of a high-level dimensional node. The selection of a high-level node implies that the setting applies to all sub-ordinate nodes.

Select node and click “OK”.

Click “Cancel” to leave the selector without selecting.

In a table containing multiple rows, the rank or specificity of individual rows can be altered by moving the row up (decrease specificity) or down (increase specificity) by right-click the row in question and selecting:

- Move up
- Move down

The less specific the setting is, row should be high up in the table. The more specific the setting is, the further down in the table the row should reside.

3 Principle of operation

Plan by year-totals or by month

The plan can be input as year-totals or as monthly values. This is controlled by the “Periods” button that toggles the input mode correspondingly:


Account	Act YTD	For YTD	Forecast 2020	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Comment
1 Sum	0	-100,000	-100,000	0	0	0	0	0	0	0	0	-25,000	-25,000	-25,000	-25,000	
2 6310 - Office rental	0	100,000	100,000	0	0	0	0	0	0	0	0	25,000	25,000	25,000	25,000	
3 6311 - Office rental - shared cost	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

A year-total input is automatically spread to the plan months of that particular year. The total is spread according to the monthly distribution function tied to the account as follows:

- If a specific monthly input has been made by the user, the distribution inherent in the monthly values is used as a distribution key.
- If not, then if a central distribution key is tied to the account, this distribution will be used

The existence of a central distribution key is indicated by the following symbol:


Account	Act LY	Actuals L12M	Act YTD	Plan YTG	2021	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	
1 Sum	0	-5,758,275	0	-400,000	-400,000	-27,027	-21,622	-27,027	-32,432	-37,838	-43,243	-48,649	-43,243	-37,838	-32,432	-27,027	-21,622	
2 6305 - Rental conference room	0	4,395	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 6310 - Office rental	0	662,818	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 6311 - Office rental - shared cost	0	189,958	0	100,000	100,000	6,757	5,405	6,757	8,108	9,459	10,811	12,162	10,811	9,459	8,108	6,757	5,405	
5 6311 - Office rental - shared cost	0	0	0	100,000	100,000	6,757	5,405	6,757	8,108	9,459	10,811	12,162	10,811	9,459	8,108	6,757	5,405	
6 6311 - Office rental - shared cost	0	0	0	100,000	100,000	6,757	5,405	6,757	8,108	9,459	10,811	12,162	10,811	9,459	8,108	6,757	5,405	
7 6311 - Office rental - shared cost	0	0	0	100,000	100,000	6,757	5,405	6,757	8,108	9,459	10,811	12,162	10,811	9,459	8,108	6,757	5,405	
8 6370 - Office cleaning expenses	0	149,573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9 6390 - Other office expenses	0	4,523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Click on the  symbol to view the distribution key.

Please refer to [Distribution keys](#) for details on how to set up central distribution keys.

- If none of the above applies, the total is spread evenly over the plan months

If monthly values are input directly, the individual monthly values in a year are summed and the distribution used thereafter for year-total input will be the distribution inherent in those individual monthly values as edited by the user.

Note that you can also see the distribution of any historical and plan sets, by clicking the  symbol. The result is displayed in a pop-up where you can toggle between % and absolute numbers:

Periodic comparison ×

6311 - Office rental - shared cost

	Column	Total	January	February	March	April	May	June	July	August	September	October	November	December	
1	Act LY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	L12M	100.0 %	9.3 %	12.8 %	-13.8 %	7.1 %	9.2 %	8.9 %	18.0 %	9.5 %	7.2 %	13.1 %	11.6 %	7.3 %	
3	N12M	100.0 %	6.8 %	5.4 %	6.8 %	8.1 %	9.5 %	10.8 %	12.2 %	10.8 %	9.5 %	8.1 %	6.8 %	5.4 %	
4	2021	100.0 %	6.8 %	5.4 %	6.8 %	8.1 %	9.5 %	10.8 %	12.2 %	10.8 %	9.5 %	8.1 %	6.8 %	5.4 %	
5	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	

Show as % Close

Dimensionality

The basic dimensionality of the account module is department and account.

Extra dimensionality, Project, Activity, Counterpart and 4 free dimensions Dim1, Dim2, Dim3 or Dim4 may be added as needed.

The account module can also be set up for planning in multiple currencies by enabling the Currency foreign dimension.

Please refer to [Select additional dimensionality](#) for details.

Historical references and deviation calculations

The Account module is preset with the last 12 months of actuals.

In addition to the above, up to 5 historic reference columns (e.g. last year's budget) may be added as needed. Please refer to [Select, name, and define historical reference columns](#) for details.

Simple deviation calculations – columns that perform calculations between other columns present in the input sheet (e.g. deviation between next year's budget and this year's budget) - may be added. Please refer to [Select, name, and define deviation columns](#) for details.

Planning horizon

The planning time horizon is controlled in the Finance Settings workbook:

Finance Settings
Dev - 5.0.0.2

VAT Payroll Sales Expense Purchase Fixed Assets OBdue Setup Accounts Usage Year End

Save Refresh

Time: Start and range

Fiscal Calendar Offset

Source: Map Account to Engine

System: Fallback Accounts

CurrencyReportID

Time: Start and range

	Start Date	Time: Start and length
1	01/01/2021	This- and next 6 years

Next 12 months
This- and next year (default)
This- and next 2 years
This- and next 3 years
This- and next 4 years
This- and next 5 years
This- and next 6 years

This time horizon applies to all input modules.

Long-term planning (beyond this year and next year) allows for a year-total input only. When saving the plan, the long-term year-totals are automatically distributed to months using the distribution that is relevant to the next year’s plan for the corresponding dimensionality.

Note that there is also a period filter setting that you may want to consider if you change the plan horizon. The period filter setting control which period filter will be available and which one will be the default, please refer to [Period filters](#).

Plan roll forward actions

If long-term planning is used, the year-total for next-year+1 will be automatically distributed to monthly values using next-year’s distribution when rolling over to a new year.

4 Module configuration

Publish and name module

Select the “Input Settings and Administration” workbook and go to the “Setup” page, and edit the “Input modules” table:

Input module	Published	Description	Description EN	Description NO	Comment
1 Profitbase EPM.AccountWorkbook	<input checked="" type="checkbox"/>	Account	Account	Konto	
2 Profitbase EPM.PersonnelWorkbook	<input checked="" type="checkbox"/>	Personnel	Personnel	Personell	

Column	Description
Input module	The name of the input module. The Input module column is an action link that will open the module in admin mode that means that changes are possible regardless of the “Published” column setting.
Published	Indicates that the input module is Published or not (checked unchecked). If not published (unchecked), changes will not be possible unless opening the input module using the action link in the “Input module” column.
Description	The module’s default name
Description EN	The module’s English name
Description NO	The module’s Norwegian Name

Select additional dimensionality

Select the “Input Settings and Administration” workbook and go to the “Setup” page:

DimensionColumn	Description	Description EN	Description NO	Visible	Mandatory	Group source data
1 LegalEntityID	LegalEntityName	LegalEntityName	Selskapsnavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2 DepartmentID	DepartmentName	DepartmentName	Avdelingsnavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 AccountID	AccountName	AccountName	Kontonavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4 ProjectID	ProjectName	ProjectName	ProsjektNavn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 ActivityID	ActivityName	ActivityName	AktivitetsNavn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 CPLegalEntityID	Counterpart	Counterpart	Motpart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 Dim1	Dim1Name	Dim1Name	Dim1Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 Dim2	Dim2Name	Dim2Name	Dim2Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 Dim3	Dim3Name	Dim3Name	Dim3Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 Dim4	Dim4Name	Dim4Name	Dim4Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 CurrencyForeignID	Currency	Currency	Valuta	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

There is a preset number of additional dimensions to choose from.

Column	Description
Dimension Column	The internal dimension column (preset).
Description	The dimension column's default name
Description EN	The dimension column's English translation
Description NO	The dimension column's Norwegian translation
Visible Input	Indicates that the column is visible and editable in the input worksheet or not (checked unchecked)
Mandatory	Indicates that the column is mandatory in the input worksheet, i.e. that when inserting a new row, the user will have to select a value from the attached drop-down list.
Group Source Data	<p>Source data for the account module is the ledger historical facts. Opting to group source data by a certain visible dimension implies all variations in that dimension within the historical reference period (actuals last 12 months + any historical reference columns used) will be reflected in the input sheet.</p> <p>For example if Dim1 had values A, B, C and D for Account X and Department Y historically and one chooses to make it visible and to group source data based on Dim1, the input sheet for department Y will 4 input line for account X in combination with Dim1 A, B, C and D with any historical values specified per Dim1.</p> <p>Opting not to group source data by Dim1 in this case would imply 1 input line for Account X with Dim1 having the default value (none) and any historical values summed.</p> <p>This attribute may also be useful for high-level planning where one does not want to plan per account or even per department. Please refer to High level planning with the account module for details on high level planning with the account module.</p>
Comment	Optional comment.

Note that the Currency foreign dimension is always mandatory, but you can control the visibility. By default, it is hidden meaning that the plan is in the home currency of the individual legal entity. If visible, the summary row of the input sheet is disabled.

Select, name, and define historical reference columns

Select the “Input Settings and Administration” workbook and go to the “Setup” page and select the “Account – Historic Reference Columns” table:

Input Settings and Administration
Dev - 5.0.0.2

Settings Payroll Settings Setup

Save Refresh

Account - dimensions
 Account - Historic Reference Columns
 Konto - deviation columns

Account - Historic Reference Columns

	Column Name	Dataset ID	From Date	To Date	Description	Description NO	Description EN	Visible summary	Visible input	Visible acc. report
1	Historic1	Actual	01/01/2019	12/31/2019	Act LY	Fak i fjor	Act LY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Note that the account module will use the historic ledger (data store ReportAccountByMonthHistorical) as the basis for historical data so that any data desirable to display as reference data must reside there.

There is a preset number of historical reference columns to choose from.

Column	Description
Column Name	The internal historical reference column id, Historic1, Historic2, Historic3, Historic4 and Historic5. Select from the drop-down list.
DatasetID	The dataset origin for the historical reference data. Select from the drop down list.
From Date	The start date for the historical reference data
To Date	The end date for the historical reference data
ColumnName_Description	The column default name
ColumnName_Description_EN	The column's English translation
ColumnName_Description_NO	The column's Norwegian translation
Visible Summary	Indicates that the column is visible in the summary workbook for the process or not (checked unchecked)
Visible Account Details	Indicates that the column is visible in the account input worksheet or not (checked unchecked)
Visible acc. Report	Indicates that the column is also visible in the account details report that is available in the "Supporting Details" pane of the Account input module workbook.

Select, name, and define deviation columns

Select the "Input Settings and Administration" workbook and go to the "Setup" page and select the "Account – deviation columns" table:

Input Settings and Administration
Dev - 5.0.0.4

Settings Payroll Settings Setup

Save Refresh

Account - dimensions
 Historic Reference Columns
 Account - deviation columns

Account - deviation columns

	Column Name	Formula	Description	Description EN	Description NO	Visible summary	Visible input	Format
1	Deviation1	{(NY)-[TY]}/[TY]	Growth	Growth	Vekst	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Percentage, no decimals
2	Deviation2	[NY] - [TY]	NY - TY	NY - TY	NY - TY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Number, 1 decimal

There is a preset number of deviation columns to select.

Column	Description
Column Name	The internal deviation column id, Deviation1, Deviation2.
Formula	See * below
ColumnName_Description	The column's default name
ColumnName_Description_EN	The column's English translation
ColumnName_Description_NO	The column's Norwegian translation
Visible Summary	Indicates that the column is visible in the summary workbook for the process or not (checked unchecked)
Visible Account Details	Indicates that the column is visible in the account input worksheet or not (checked unchecked)
Format	The number format that the calculated deviation will display, select from drop down list.

*

There are several internal columnids that can be referenced in the formulae:

- **Historic1 to Historic5** – historic reference columns, requires that historic reference columns are configured.
- **YTD** – Year to date (Actuals)
- **ROY** – Rest of year plan (rest of first plan year, that is from plan start to the end of first plan year)
- **TY** – This year (first full plan year, comprised of YTD actuals and ROY plan)
- **NY** – Next year plan (second full plan year)
- **L12M** – Last 12 months (Actuals)
- **N12M** – Next 12 months plan (first 12 months of plan)
- **NYPlus1** – Third full plan year, requires that long term planning is used.
- **NYPlus2** – Fourth full plan year, requires that long term planning is used.
- **NYPlus3** – Fifth full plan year, requires that long term planning is used.
- **NYPlus4** – Sixth full plan year, requires that long term planning is used.
- **NYPlus5** – Seventh full plan year, requires that long term planning is used.

Please note that the internal columnids should be enclosed in [] and that + (plus), - (minus), * (multiplication) and / (division) mathematical operators can be used, for example:

- [NY] – [TY]

If, for example the deviation column is to show This year's budget – Last year's budget, and the two are stored in columns Historic1 and Historic2 respectively, the formula would be:

- [Historic1] – [Historic2]

Select / unselect optional columns

A set of columns are optional related to actuals last 12 months, year to date and plan rest of year. The columns can be named and selected / unselected individually for the plan overview (summary) and account input module respectively:

	Column Name	Description	Description EN	Description NO	Visible summary	Visible input
1	L12M	Actuals L12M	Actuals L12M	Fak. siste 12	<input type="checkbox"/>	<input type="checkbox"/>
2	YTD	Act. YTD	Act. YTD	Fak. hittil	<input type="checkbox"/>	<input type="checkbox"/>
3	ROY	Plan YTG	Plan YTG	Plan.rest.år	<input type="checkbox"/>	<input type="checkbox"/>

Attach module to input report

The Account module is the default module and will be attached to any report line that is not specifically attached to another (not the Account) module.

Additional input filters (slicers)

Department is a standard filter (slicer). In addition, there is an option to include Project and/or Activity as additional input filters (slicers).

The configuration for this is found in the “Setup” page of the “Input Settings and Administration” Workbook:

Note that this configuration is global to all input module workbooks and the “Plan Overview” workbook.

Column	Description
Filter	Available filter, limited to Project and Activity
Visible	Makes filter visible (checked) or not visible (unchecked)
Name	The filter’s default name as displayed in the workbook
Name EN	The filter’s English translation as displayed in the workbook
Name NO	The filter’s Norwegian translation as displayed in the workbook

The additional filters appear in the right section of the workbook:

Period filters

The input module contains a period filter in which (time) periods can be selected. The content of this filter can be configured in the “Period filters” table found in the “Setup” page in the “Input Settings and Administration” workbook:

The screenshot shows the 'Input Settings and Administration' interface. On the left, there is a sidebar with a list of settings categories: Account - dimensions, Account - Historic Reference Columns, Account - deviation columns, Personnel - dimensions, Personnel - Column setup, Base settings, Period filters (checked), and Input filters. The main area displays the 'Period filters' table with the following data:

	Period filter	Visible	Default	Sorting	Comment
1	2021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1 This fiscal year
2	2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>		2 Next fiscal year
3	Jan 2021 - Dec 2022	<input type="checkbox"/>	<input type="checkbox"/>		3 Next 12 months
4	2021 - 2022	<input type="checkbox"/>	<input type="checkbox"/>		4 This fiscal year and next fiscal year
5	2023 - 2027	<input checked="" type="checkbox"/>	<input type="checkbox"/>		5 Beyond next fiscal year

Note that this configuration is global to all input module workbooks and the “Plan Overview” workbook.

Column	Description
Period filter	Available filters, preset.
Visible	Makes filter visible (checked) or not visible (unchecked)
Default	Makes it the default period filter
Sorting	Controls the sorting in the filter drop down
Comment	Optional comment

Disabling the Periods button

By default, the user can toggle between (year) total and (month) periodic input using the Periods button.

In certain cases, it may be desirable to disable the Periods button, leaving the user with the (year) total input option*.

This can be configured in the “Distributed Input Settings” table found in the “Setup” page in the “Input Settings and Administration” workbook by setting the values DISABLED for the setting “AccountPeriodsButton”:

Setting ID	Value	Comment	
1	AccountGroupingInventory	TRUE	Group Account module and summary data per account (TRUE) or across aggregation to default account per report line (FALSE). NOTE that for this setting to be set to FALSE, a default account must be set per input report line in the Report Setup workbook.
2	AccountFactor	-1	Applies only to sum (net) lines in account based input sheets and reports (valid values: -1 1). -1 is the default. If set to 1, the default. If set to 1, the default. If set to 1, the default. If set to 1, the default.
3	AccountPeriodsButton	DISABLED	Controls whether the Periods button in the Account module is enabled or not (ENABLED DISABLED). Default is ENABLED.
4	ActualsDatasetID	ACTUAL	The dataset id for the actuals dataset (default ACTUAL).
5	AlwaysIncludeActuals	FALSE	Should account input module reflect any historical data (FALSE - default) or should all accounts be included regardless of historical relevance (TRUE). A TRUE setting should be used with care, will potentially create large amounts of data.
6	DepartmentGroupingInventory	TRUE	Group Account module and summary data per department (TRUE) or allow aggregation to default department per legal entity (FALSE). NOTE that for this setting to be set to FALSE, a default department must exist for each legal entity in the Legal Entity dimension in the Dimensions module.
7	DistributedReportID	INPUT	ReportID used for input-based reports (input reports). The default reportID is INPUT.
8	DriverBasedLoadExternalSource	MERGE	Load driver based source fact data from external source option to control if and how driver based data is loaded from an external source to the internal source fact data. No external source used is the default option (FALSE). Merge data from external source to internal source (MERGE).
9	DriverBasedPeriodsButton	ENABLED	Controls whether the Periods button in the Driver based module is enabled or not (ENABLED DISABLED). Default is ENABLED.
10	FTYearDisplaying	TRUE	This year total float (TRUE) or remain fixed (FALSE) after rollover. TRUE means that this year's total will change as new months are actualized when spring forward. FALSE means that this year's total will remain fixed and thus plan rest of year will float. NOTE that this setting applies to the Financials module.
11	IncludeAllInputAccountsOnly	FALSE	Limit accounts displayed in account input to those to which input is allowed (TRUE) or any account for which historical data exists (FALSE).
12	PersonnelLoadExternalSource	MERGE	Load personnel source fact data from external source option to control if and how personnel data is loaded from an external source to the internal source fact data. No external source used is the default option (FALSE). Merge data from external source to internal source (MERGE). Note that this setting applies to the Personnel module.

*Note: if the objective is to only allow for (year) total input, the period filter for next 12 months cannot be set as this option only supports periodic (month) input.

5 Module settings

For account module settings, go to the “Input Settings and Administration” workbook and select “Settings” page.

Distribution keys

Distribution keys are specified by the combination of the department and account dimensions.

The dimensional values are selected using the ranked input selector. For details on using the ranked input selector and making rank changes between rows, please refer to [Common functionality](#) for details.

As a general rule-of-thumb, it is advisable not to use too specific distribution keys. Making a high(er)-level selection(s) instead and using aggregate distribution key values relevant to the selection, with the aid of the [Distribution key helper](#) where applicable, may be a good starting point.

Account - Periodic distribution keys	Dept.	Account	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21
1	All Departments	63 - 63	5.00	4.00	5.00	6.00	7.00	8.00	9.00	8.00	7.00	6.00	5.00

Column	Description
Department	Ranked input. Mandatory
Account	Ranked input. Mandatory.

Monthly distribution key weight (heading dynamic)	Numeric values. Mandatory. When distributing a year-total value over monthly periods, the weight given to a specific month is its distribution key weight divided by the sum of the distribution key weights for all the months for that year.
Comments	Optional comment. Note that if a comment is added, the contributor will see the comment when viewing the distribution key of an input row.

Distribution key helper

A distribution key helper can be used by clicking the “View Historic Distribution” button. This will display a pop-up in which the distribution of historical data can be viewed.

Make selections in the filter-row at the top and click the “Refresh” button to see the results:

The screenshot shows the 'View Historic Distribution' pop-up window. At the top, there are filter fields for Legal entity (Profiteys AS), Department (Actual), and Year (2020). Below the filters is a table with columns for months from January to December. The first row is labeled 'Total' and shows values for each month. Below this is a section titled 'Per Report Line' with a table listing various accounts and their monthly values. At the bottom of the pop-up is a line chart titled 'DistributionTrend' showing the distribution of values across 12 periods.

In some case, it may be relevant to use historic distributions as the basis for future distributions.

If so, copy out the monthly values of a specific row (select cells and click Ctrl-C) and paste into a relevant row in the “Distribution keys” table.

A high-level selection in the Legal entity and/or Department and Account dimensions will display an aggregate distribution over the historical period selected.

Override distribution using historic data

It is possible to override the defined distribution keys described above by using historic data.

This allows for the distribution inherent in a certain time-range of historic transactions for selected department and account combinations to be used as distribution keys. This may be relevant in some case where historical distribution is expected to recur in the future.

Care should be taken not to use this functionality on too wide a range of departments and accounts as this will generate a potentially large amount of very specific distribution keys. Keep also in mind that the user will always be able to input amounts by month for any department and account combination and thereby effectively override any historical keys generated for that combination.

Define the selection of departments and accounts:

When defined, click the “Generate distribution keys from history” button to generate the keys.

Column	Description
Departm.	Ranked input. Mandatory
Account	Ranked input. Mandatory.
Dataset ID	The historic dataset from which the historic distribution keys are generated. Select from list.
Year relative to plan	Define the time-range for the historical period from which to generate the historic distribution keys. Numeric values. Mandatory. Select from list.
Comments	Optional comment. Note that if a comment is added, the contributor will see the comment when viewing the distribution key of an input row.

Auto transactions (optional)

Auto-transactions may be used to trigger additional transactions based on user input. For example, the input to a certain account should always generate an additional transaction to another account amounting to 10% of the input or source transaction.

The target department will always be the same as the input or source department.

Column	Description
Departm.	Source department. Ranked input. Mandatory
Account	Source account. Ranked input. Mandatory.
Value	The value and the operator define how the amount of the target transaction will be calculated. In the example above, the amount of the target transaction will be 10% of the source amount. Numeric value. Mandatory.
Operator	Select from list. Mandatory.
Condition	Optional. Special condition to apply when validating whether to execute the rule or not. For example: <ul style="list-style-type: none"> - Month() > 6 indicating that rule will be executed only for transactions with a transaction date with month number greater than 6 (June) - CurrentPeriodValue() > 1000 indicating that rule will be executed if value currently processed is greater than 1000 Operators: <ul style="list-style-type: none"> - Equality: == - Greater than or equal to: >= Greater than: > - Less than or equal to: <= Less than: <

	- Logical and: && - Logical or:
Target Account	Mandatory. The account that the target transaction will have. Select from list.

6. High level planning with the account module

Profitbase Planner allows planning at the leaf (lowest) levels of the involved dimensions involved.

To plan at a higher level with the account module, default values dimensional values can be used so that historical reference data is aggregated over fewer dimensional combinations.

This is controlled in the dimension settings, using the “Group source data” option. The fewer dimensions have the “group source data” checked, the more aggregated the historical reference data:

Input Settings and Administration
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Settings Payroll Settings Setup

Save Refresh

Account - dimensions

	DimensionColumn	Description	Description EN	Description NO	VisibleInput	Mandatory	Group source data
1	LegalEntityID	LegalEntityName	LegalEntityName	Selskapsnavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	DepartmentID	DepartmentName	DepartmentName	Avdelingsnavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	AccountID	AccountName	AccountName	Kontonavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	ProjectID	ProjectName	ProjectName	ProsjektNavn	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	ActivityID	ActivityName	ActivityName	AktivitetsNavn	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	CPLegalEntityID	Counterpart	Counterpart	Motpart	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Dim1	Dim1Name	Dim1Name	Dim1Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Dim2	Dim2Name	Dim2Name	Dim2Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Dim3	Dim3Name	Dim3Name	Dim3Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Dim4	Dim4Name	Dim4Name	Dim4Navn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For the optional dimensions, Project, Activity and so on, the default (none) dimensional value is found automatically.

For the Department and Account dimensions, the following has to be set up:

In the “Base settings” table, the following options have to be set to FALSE in order to allow to uncheck “Group source data” for one or both of these dimensions:



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Settings Payroll Settings Setup

Save

Refresh

- Account - dimensions
- Account - Historic Reference Columns
- Account - deviation columns
- Personnel - dimensions
- Personnel - Column setup
- Base settings
- Period filters
- Input filters

Base settings

	Setting ID	Value
1	AccountGroupingMandatory	FALSE
2	AccountNetFactor	-1
3	ActualsDatasetID	ACTUAL
4	AlwaysIncludeAllAccounts	FALSE
5	DepartmentGroupingMandatory	FALSE
6	DistributedReportID	INPUT
7	DriverBasedLoadExternalSource	MERGE
8	FCTYearTotalFloating	TRUE
9	IncludeAllowInputAccountsOnly	FALSE
10	PersonnelLoadExternalSource	MERGE

In addition, default values must be provided:

A default account per report line in the INPUT report must be defined. This is done in the "Report Setup" workbook:

Report ID	Report	Report Line ID	Report Line	Formula	Graph Series	Format	Style	NO: Report Line	EN: Report Line	Sign Factor	Include Accounts Expression	Def. Acc.
1	INPUT	IP010	Sales		\$1	Number, no decimals	Salg		Sales	-1	3000-3010, 3011-3020,3075-3080	3010
2	INPUT	IP020	Other Revenue			Number, no decimals	Andre inntekster		Other Revenue	-1	3300-3998,3999	3750
3	INPUT	IP030	Operating Income	IP010 - IP020		Number, no decimals	BoldOverline		Invetekter			
4	INPUT	IP035		null			TransparentText					
5	INPUT	IP040	Cost of Goods		\$2	Number, no decimals	Varekost		Cost of Goods	1	4000,4001-4098,4099	4010
6	INPUT	IP050	Other Direct Cost		\$3	Number, no decimals	Andre direkte kostnader		Other Direct Cost	1	4100-4999	4210
7	INPUT	IP060	Gross Margin	IP030-IP040-IP050		Number, no decimals	BoldOverline		Bruttoforjente			
8	INPUT	IP061	Gross Margin %	IP030-IP040-IP050/IP030		Percentage, 1 decimal	Italic		Bruttoforjente %			
9	INPUT	IP065		null			TransparentText					
10	INPUT	IP070	Payroll		\$4	Number, no decimals	Lønn		Payroll	1	5000-5049	5010
11	INPUT	IP100	Other Personnel Cost			Number, no decimals	Andre personalkostnader		Other Personnel Cost	1	5050-5999	5050
12	INPUT	IP110	Personnel Cost	IP070+IP100		Number, no decimals	BoldOverline		Personalkostnader			
13	INPUT	IP115		null			TransparentText					
14	INPUT	IP120	Other Operating Expenses		\$5	Number, no decimals	Driftsutgifter		Other Operating Expenses	1	6100-7999	6390
15	INPUT	IP130	Depreciation and Amortization		\$6	Number, no decimals	Avskrivninger		Depreciation and Amortization	1	6000-6099	6010
16	INPUT	IP140	Operating Expenses	IP120+IP130		Number, no decimals	BoldOverline		Driftsutgifter			
17	INPUT	IP145		null			TransparentText					
18	INPUT	IP150	Operating Profit	IP060-IP10-IP140	\$7	Number, no decimals	BoldOverUnderline		Driftresultat			
19	INPUT	IP160		null			TransparentText					
20	INPUT	IP170	Inventory				BoldUnderline		Varelager			
21	INPUT	IP180	Inventory Purchase				NormalOverUnderline		Varekjøp til lager		1460	1460

A default department must be defined for each legal entity. This is done in the "Dimensions" workbook:



Save Refresh Publish

Legal Entity

> All Legal Entities

Legal Entity

	Legal Entity		Legal Entity			
	Legal Entity	Legal Entity Name	Curr.Func.	Operation Type		Default Department
1	Aco	Aco	NOK	Main	▼	Admin Aco ▼
2	Bco	Bco	EUR	Main	▼	Admin Bco ▼
3	Cco	Cco	GBP	Main	▼	Admin Cco ▼
4	ElimG	Elim ABC Group	NOK	Elimination	▼	Elim ABC Group ▼
5	pfelim	Elimination	NOK	Elimination	▼	Elimination ▼
6	pfo	Profitways Focus AS	NOK	Main	▼	Focus Stavanger ▼
7	pro	Profitways AS	NOK	Main	▼	Stavanger ▼

Historical source data will be aggregated to the default account set up per report line and to the default department per legal entity. This applies to both the “Plan Overview” workbook and the account module.

Note, that despite this aggregation, it is still possible to detail the plan by adding new rows and selecting other dimensional members, but it allows for a compact plan from the outset, for example when planning long term and do not require details at every level.

All the other modules can also be used if required.