

Transaction Type Dimension (Financial Consolidation)

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Elements in the [Transaction Type](#) dimension explain the transition from an opening balance in the beginning of a period through transactions to a closing balance at the end of a period. The [Balance Sheet](#) cube features multiple ways to store data:

Storage of opening balance and changes

The opening balance in the beginning of the fiscal year is stored in the [T000](#) (Opening) element. All movements are stored in several elements in the range [T001](#) – [T799](#). The [T999](#) (Closing) element shows the calculated closing balance at the end of each period.

	2018-01_YTD	2018-02_YTD	2018-03_YTD	2018-04_YTD	2018-05_YTD	2018-06_YTD	2018-07_YTD	2018-08_YTD	2018-09_YTD	2018-10_YTD	2018-11_YTD	2018-12_YTD
T000 - Opening	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
T202 - Additions		+200	+300									
T300 - Decrease / Disposals			-300									
T999 - Closing	1000	1200	1100	1000	1000	1000	1000	1000	1000	1000	1000	1000

If the changes are not available by individual movements but only as a netted change, this can be stored in [T299](#) (Increase (decrease) through other changes).

	2018-01_YTD	2018-02_YTD	2018-03_YTD	2018-04_YTD	2018-05_YTD	2018-06_YTD	2018-07_YTD	2018-08_YTD	2018-09_YTD	2018-10_YTD	2018-11_YTD	2018-12_YTD
T000 - Opening	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
T299 - Increase (decrease) through other changes		+200	+100									
T999 - Closing	1000	1200	1100	1000	1000	1000	1000	1000	1000	1000	1000	1000

Storage of end-of-period values

The opening and closing balances for each period are stored in the

T000 (Opening) and **T998** (Closing (entry)) elements. The **T851** (Delta from Closing (entry)) element shows the calculated changes.

Example:

	2018-01_YTD	2018-02_YTD	2018-03_YTD	2018-04_YTD	2018-05_YTD	2018-06_YTD	2018-07_YTD	2018-08_YTD	2018-09_YTD	2018-10_YTD	2018-11_YTD	2018-12_YTD
T998 (Closing (entry))	1000	1200	1100	1000	1000	1000	1000	1000	1000	1000	1000	1000
T000 - Opening	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
T851 (Delta from Closing (entry))	±0	+200	+100	±0	±0	±0	±0	±0	±0	±0	±0	±0
T999 - Closing	1000	1200	1100	1000	1000	1000	1000	1000	1000	1000	1000	1000

All these ways are available at the same time and can be mixed with each other. The dimension contains the following elements:

Element	Definition
T000 Opening	Stored opening balance in the beginning of the fiscal year. (numeric)
Range F981 - F996	Reserved for the Financial Consolidation model to store consolidation results near the beginning of the fiscal year.
Range F100 - F199	Usable for custom configuration
T866 FXDIF	Foreign exchange differences on converted currencies. (calculated, numeric)
T828 Total increase	Subtotal of all movements increasing the balance from bookings of the general ledger. Should always be a positive amount. (aggregated, numeric)
T829 Total increase (decrease)	Subtotal of all movements which may either increase or decrease the balance from bookings of the general ledger. Can be a positive or a negative amount. (aggregated, numeric)
T830 Total decrease	Subtotal of all movements decreasing the balance from bookings of the general ledger. Should always be a negative amount. (aggregated, numeric)
T850 Delta	Total of all transactions from T853 Delta Transactions and T851 Delta from Closing (entry). (aggregated, numeric)
T851 Delta from Closing (entry)	Changes between the current and previous period calculated from the values on T998 (Delta from Closing (entry)). (calculated, numeric)
T853 Delta Transactions	Total of all transactions from T828 Total increase, T829 Total increase (decrease) and T830 Total decrease. (aggregated, numeric)
Range F981 - F996	Reserved for the Financial Consolidation model to store consolidation results near the ending of the fiscal year.
T997 Closing (information purposes)	Storage to submit a closing balance in addition to opening and movements. This does not affect any of the other elements but can be used for feasibility checks.
T998 Delta from Closing (entry)	Stored end-of-period values. (numeric)
T999 Closing	Calculated closing balance at the end of each period. (calculated, numeric)

The transaction type elements can be configured through their attributes:

Attribute	Description
Name	Readable name of the account. Localized translations can be provided. This attribute is visible in the report. There is no hard-coded behavior implemented on this name. (string)
ID_Name	Technical element name of the account as well as the readable name. If localized translations are provided Name attribute, this attribute will also become localized. This attribute is visible in the report. There is no hard-coded behavior implemented on this name. (string, calculated)

Label	<p>Short version of the name, e.g. column heading. Localized translations can be provided.</p> <p>This attribute is visible in the report. There is no hard-coded behavior implemented on this name. (string)</p>
Conversion Type	<p>Defines which exchange rate is used during currency conversion. Valid values are base elements of the Conversion Type dimension, e.g. Average, Month End, Month Start, Historic and .</p>
Aggregation Type	<p>Semi-additive measure behavior. (string)</p> <p>Valid values are:</p> <ul style="list-style-type: none">• (empty): Regular additive behavior• First: First child• Last: Last child• Avg: Average of children

See [Fact Cube Using Currency Conversion](#) and [Configuration of Conversion Types](#).