LucaNet
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APP-BASED MATURITY CALCULATION

EVALUATION OF OPEN ITEMS BY MATURITY AT THE PUSH OF A BUTTON

The requirements for setting up annual financial statements are increasingly complex. In addition to much other information, companies are required to group the receivables listed on the balance sheet by maturity. But auditors are not the only ones interested in the maturity of receivables. Under certain circumstances the company itself might find a grouping like this interesting, since it can be used to pinpoint higher inventories of potential liquidity.

With the app for maturity calculation, you have an integrated, convenient opportunity to evaluate your open items clearly. And you can also use it to create statistical assessments of your customers' payment modalities. Based on the open items and the payment modality history, you can also predict the future payment modalities of debtors. By integrating the maturity calculation into LucaNet, you'll be able to use the various assessments without switching media. The open items are first imported into LucaNet.**Financial Warehouse** via separate interfaces and then into a statistical workspace. You select whether they are displayed by summary account or subledger account (see figure 1). And the items can also be analyzed very clearly – even over time (see figure 2).

EUR	Default	Due	Invoice	MonthsInvoice
Open items for sub ledger				
1400 Receivables	6,000.00			
Debtors		6,000.00	6,000.00	
D_15000 Weber, Mine		6,000.00	6,000.00	
3400 Payables	-12,000.00			
Creditors		-12,000.00	-12,000.00	
C_35000 Marketing Company 2		-12,000.00	-12,000.00	

Figure 1: Reconciliation of the open items from the maturity calculation and balance sheet

EUR	Jan 18	Feb 18	Mar 18	Apr 18	May 18
Open items for sub ledger					
Budget					
Creditors	-12,000.00	-8,000.00	-8,000.00	-8,000.00	-8,000.00
Debtors	12,000.00	12,000.00	4,000.00	4,000.00	32,000.00
D_12000 Schmidt, Anton		4,000.00			
D_15000 Weber, Mine	12,000.00	8,000.00	4,000.00	4,000.00	32,000.00

Figure 2: Display of the open items over time

You can use the drill down function to track which invoices and part payments resulted in the open items. It is also possible to carry out the analysis based on summary accounts or the customers and suppliers (see figure 3).

You can freely select the categories according to which the open items are filtered. For example, you can differentiate between the number of days since invoicing (Invoice) and the number of days since the invoice due date (Due) and the maturities you want to use to evaluate them (see figure 4).

You can import the categories either as cost centers, adjustment levels or partners (see figure 5). For each report month, you can analyze the open items per debtor and which category the amount should be assigned to (see figure 6).

Drill down to posting level

General

Account: **D_15000 Weber, Mine** Data level: **Actual** Organization element: **1.Invoice 121+** Partner company: **1 GB**
Month: **February 2018** Adjustment level: **LocalGAAP** Transaction type: **000**

Account lines

#	Account	Subledger account	Cost center	Cost unit	Legal entity partner	Value	TC	Value in TC	Document ID	Invoice	Invoice date	Due date	Report date	Days since invoice	Days since due date	Category
1	1400 Receivables	D_15000 Weber, Mine	100 Materials		1	4,000.00	USD	4,600.00	OutgoingInvoice4	OutgoingInvoice4	05/01/2017	05/31/2017	02/28/2018	303	273	Invoice 121+
						4,000.00		**4,600.00**						**303**	**273**	

Posting

Invoice: **OutgoingInvoice4** Invoice date: **05/01/2017** Due date: **05/31/2017** Report date: **05/31/2017** Source system: **Hersteller Quellsystem [(Kunde)] #0000-INVOICE.MAT**

#	Posting number	Posting description	Posting date	Debit	Credit	TC	Debit in TC	Credit in TC
1	OutgoingInvoice4	Invoice	05/01/2017	28,000.00		USD	32,200.00	
2	OutgoingInvoice4	Payment Part 1	06/01/2017		16,000.00	USD		18,400.00
3	OutgoingInvoice4	Payment Part 2	02/01/2018		2,000.00	USD		2,300.00
4	OutgoingInvoice4	Payment Part 3	03/01/2018		2,000.00	USD		2,300.00
				28,000.00	**20,000.00**		**32,200.00**	**23,000.00**

Execution details

Figure 3: Drill down to the open items

Calculate open items

Categories

Invoice:

Category	Days from	Days to
Invoice	-9,999	0
Invoice 1-30	1	30
Invoice 31-60	31	60
Invoice 61-120	61	120
Invoice 121+	121	9,999

Due:

Category	Days from	Days to
Not due	-9,999	0
Overdue 1-30	1	30
Overdue 31-60	31	60
Overdue 61-120	61	120
Overdue 121+	121	9,999

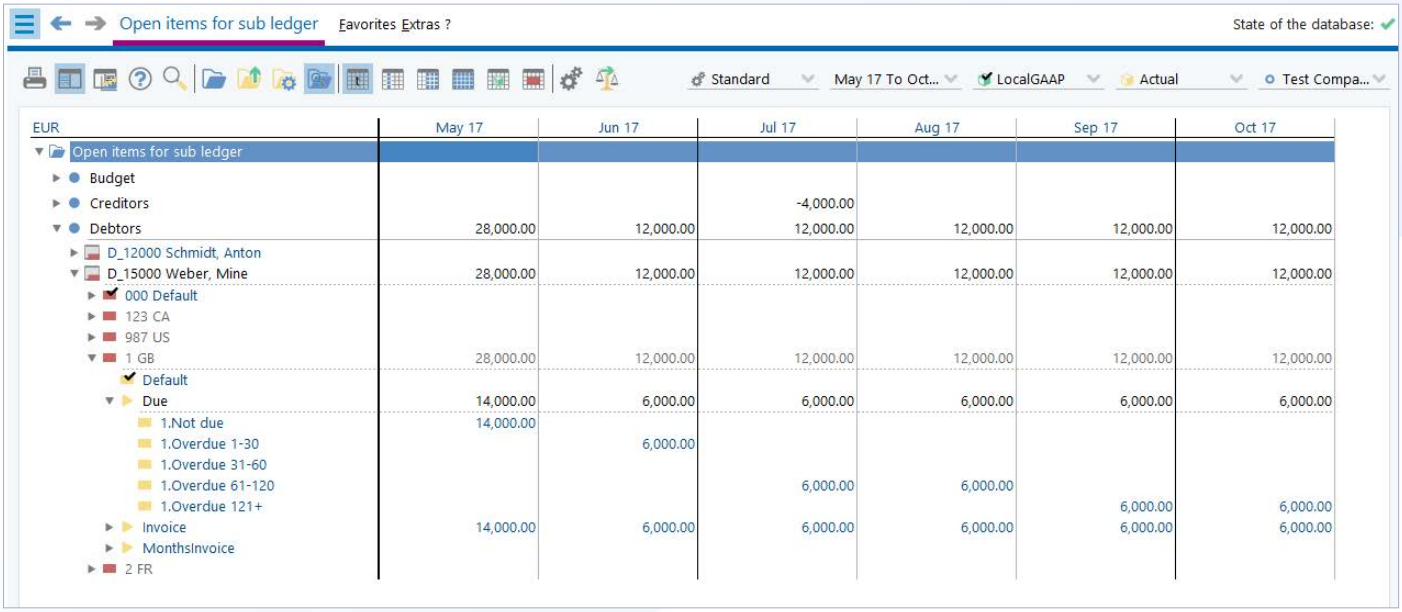
Figure 4: Configuration of the categories for the open item analysis

- Due
  - 1.Not due
  - 1.Overdue 1-30
  - 1.Overdue 31-60
  - 1.Overdue 61-120
  - 1.Overdue 121+
- Invoice
  - 1.Invoice
  - 1.Invoice 1-30
  - 1.Invoice 31-60
  - 1.Invoice 61-120
  - 1.Invoice 121+

Figure 5: Optional display of the categories as cost centers in LucaNet

EUR	1.Not due	1.Overdue 1-30	1.Overdue 31-60	1.Overdue 61-120	1.Overdue 121+
Open items for sub ledger					
Budget					
Creditors	-18,000.00				
C_32000 Tech Company 1					
C_35000 Marketing Company 2	-18,000.00				
Debtors					6,000.00
D_12000 Schmidt, Anton					
D_15000 Weber, Mine					6,000.00

Figure 6: Display of the open items by category



EUR	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17
Open items for sub ledger						
Budget						
Creditors			-4,000.00			
Debtors	28,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
D_12000 Schmidt, Anton						
D_15000 Weber, Mine	28,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
000 Default						
123 CA						
987 US						
1 GB	28,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
Default						
Due	14,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
1.Not due	14,000.00					
1.Overdue 1-30		6,000.00				
1.Overdue 31-60						
1.Overdue 61-120			6,000.00	6,000.00		
1.Overdue 121+					6,000.00	6,000.00
Invoice	14,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
MonthsInvoice						
2 FR						

Figure 7: Display of the open items over time by category

And you can also track which maturity category the relevant receivables are located in over time (see figure 7).

Based on the historical values related to payment modalities, it is possible to automate the transition of receivables and liabilities as part of the planning process. This increases the accuracy of liquidity planning. The statistical indicators that you can have automatically calculated are used to do this. The following indicators can be determined:

- Term from invoice to payment
- Term from due date to payment
- Proportion of payments per month since invoicing as a percentage

All indicators will be calculated with a weighted average, i.e., the days alone will not be used to determine the average values. The days will be weighted according to the relevant paid part payment.

Overnight job runs can be used to automatically import the payment data and calculate the open items and statistics. This guarantees that the data are up to date.

APP FUNCTIONS

- Evaluation of open items by category and maturity
- Drill down to single posting level
- Determination of statistics on payment modalities
- Transition of open items to the plan based on the determined payment statistics

YOUR BENEFITS

- Evaluation of open items by their maturity at the push of a button
- Simple, flexible evaluation of open items by a range of categories
- Use of the calculated statistics to transition the receivables and liabilities to the plan
- Traceability and transparency