SMART
FINANCIAL REPORT

[2012] Developed for ADempiere by

[2015] Migrated to iDempiere v2.1 by
Freddy Heredia

[2019] Migrated to iDempiere v6.2+ by
Peter Shepetko

[2019] Sponsor
StabilisOne LTD

[2020] Migrated to iDempiere v7.1+ by
Peter Shepetko

TABLE OF CONTENTS

1   Background

Smart Financial Report plugin developed by Smart JSP company for ADempiere 3.6 [2012] and migrated by Freddy Heredia to iDempiere 2.1 [2015].

We migrated it to version iDempiere 4.1+ because need this functionality for Polish Accounting.

2   Setup

2.1   Download and Install plugin

You can download the Smart Financial Report plugin for immediate use in your latest iDempiere from https://github.com/pshepetko/org.idempiere.sfinreport/raw/master/downloads

In Apache Felix Web Console: 1) Install plugin 2) Select file 3) Install and Update

As result must be Status=Active

After that you can use this functionality.

3 Smart Financial Report functionality

3.1 Overview

This functionality are for a better visualization and report format of the Financial Reports in iDempiere.

3.2 Financial Report Header

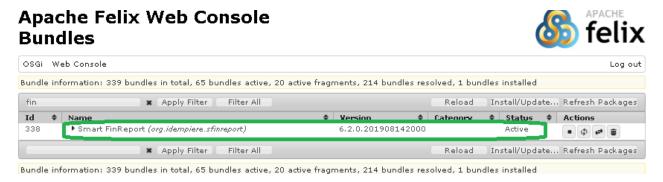- **Name of the Report**: *Take the entered in the field name of the financial report - option*

- **Report Period**: Financial Report period

Two fields created

- **Prefix Text for period**: Corresponds to the text that is required before the Period, example: To ..., Since ..., Period included between ...

- **Suffix Text for period:** Corresponds to the text that is required to complete the Period, example: as of Dec. 31, 2011

Head of report example:
- Company Name
- City
- Identification Number
- Chart of Accounting Scheme:
- Currency

3.3   New Line Type: Custom Line

 Customized Line: By checking this option the system displays the report line combo in which it is
you can select:

- **Blank Line**: Leave a full blank line used as a spacer
- **Centered Title:** This will appear after column headings in Bold Centered
- **Double line for Total**: Generates double line below the amount of total that is in the column
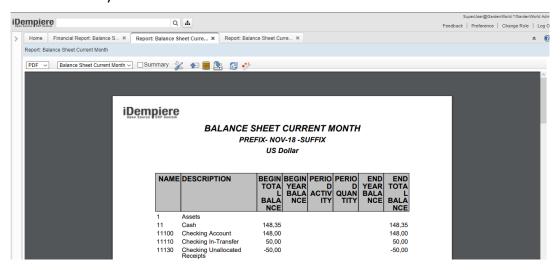- **Line**: generates line in the whole line, that is, all the columns
- **Total Line**: Line below the total amount that is in the column
- **Underlined Description**: Add an underline to the description column

3.4   New Line Type: Tabular Text

Tabulated text: To indicate spaces to leave a title from left to right, you should take into account no
leave the width of the sheet

This applies to securities, but no type of calculation or segment value can be performed on
it. It's a tab

3.5   Advanced calculation

Added **Divide (Op1/Op2), Multiple (Op1*Op2)** and **Fixed Percentage/Number** calculation.

3.5.1 Fixed Percentage for Operand1

○   field Calculation = Percentage (Op1 of Op2)

○   field Operand1 > 0

○   field Operand2 is empty

○   field Fixed Percentage/Number > 0

3.5.2 Divide Operand1 and Operand2

○   field Calculation = Divide (Op1 of Op2)

○   field Operand1 > 0

○   field Operand2 > 0

○   field Fixed Percentage/Number = 0

3.5.3 Divide Operand 1 and Fixed Number

- ○ field Calculation = Divide (Op1 of Op2)

- ○ field Operand1 > 0

- ○ field Operand2 is empty

- ○ field Fixed Percentage/Number >0

3.5.4 Multiple Operand1 and Operand2

- ○ field Calculation = Multiple (Op1 of Op2)

- ○ field Operand1 > 0

- ○ field Operand2 > 0

- ○ field Fixed Percentage/Number = 0

3.5.5 Multiple Operand 1 and Fixed Number

- ○ field Calculation = Multiple (Op1 of Op2)

- ○ field Operand1 > 0

- ○ field Operand2 is empty

- ○ field Fixed Percentage/Number >0

3.5.6 Calculation result

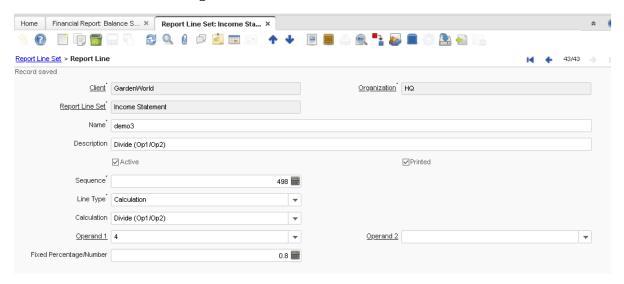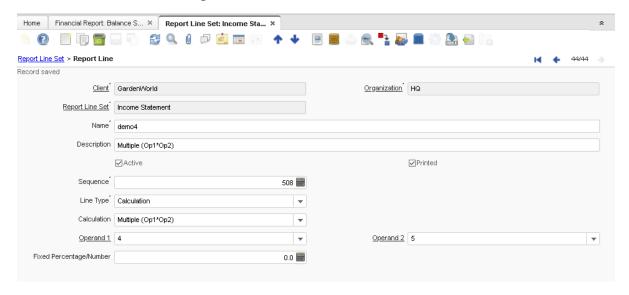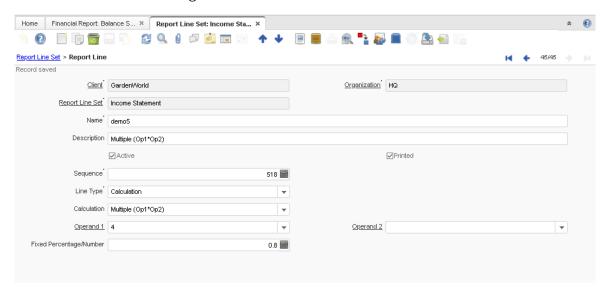| Name	Description	Begin Total Balance	Begin Year Balance	Begin Year Balance[-2]	Period Activity	Period Quantity	End Year Balance	End Total Balance
4	Sales	304.50						304.50
49	Sales Discounts	10.00						10.00
5	Cost of Goods Sold	799.29						799.29
55	Returns							
56	Inventory CoGs							
58	CoGs Variances							
5_	Gross Margin	19,356.08						19,356.08
5_1	Formula 1: [5_Gross Margin/0,8]	24,195.10	0.00	0.00	0.00	0.00	0.00	24,195.10
5_2	Formula 2: [5_Gross Margin/0,8]*[4 Sales]	7,367,407.95						7,367,407.95
59	CoGS Discounts	1.79						1.79
60	Payroll Expense							
61	Occupancy Cost							
77	Repairs & Maintenance							
78	Other Operating Expenses	0.28						0.28
79	Default/Suspense Accounts	10.25						10.25
79_	Total Operating Expenses	19,356.08						19,356.08
79__	Operating Income	19,356.08						19,356.08
80	Other Income							
805	Currency Gain							
82	Other Expense	0.25						0.25
825	Currency Loss							
82_	Net Income before Tax	19,356.08						19,356.08
89	Income Tax & Summary							
demo1	Percentage (Fixed Percentage=5%from Op1)	15.225	0.00	0.00	0.00	0.00	0.00	15.225
demo2	Divide (Op1/Op2)	0.380963104755						0.380963104755
demo3	Divide (Op1/(Fixed Number=0,8))	380.63	0.00	0.00	0.00	0.00	0.00	380.63
demo4	Multiple (Op1*Op2)	243,383.805						243,383.805
demo5	Multiple (Op1*(Fixed Number=0,8))	304.50	0.00	0.00	0.00	0.00	0.00	304.50

3.6 Export the financial report to Excel

The presentation of the financial statements was improved by exporting them to Excel in such a way that they are a copy.

	NAME	DESCRIPTION	BEGIN TOTAL BALANCE	BEGIN YEAR BALANCE	PERIOD ACTIVITY	PERIOD QUANTITY	END YEAR BALANCE	END TOTAL BALANCE
		Balance Sheet Current Month						
		Aug-19						
		US Dollar						
	NAME	DESCRIPTION	BEGIN TOTAL BALANCE	BEGIN YEAR BALANCE	PERIOD ACTIVITY	PERIOD QUANTITY	END YEAR BALANCE	END TOTAL BALANCE
9	1	Assets						
10	11	Cash	148,35					148,35
11	12	Accounts Receivable	408,12					408,12
12	13	Investments						
13	14	Inventory	8 311,50					8 311,50
14	15	Prepaid Expenses, Deposits & Other Current Assets						
15	15_	Total Current Assets	8 867,97	0,00	0,00	0,00	0,00	8 867,97
16	16	Land and Building						
17	17	Furniture, Fixtures & Equipment						
18	18	Accumulated Depreciation						
19	19	Other Assets						
20	19_	Fixed and other Assets	0,00	0,00	0,00	0,00	0,00	0,00
21	1__	Toral Assets	8 867,97	0,00	0,00	0,00	0,00	8 867,97
22	2	Liabilities						
23	21	Accounts Payable	9 373,54					9 373,54
24	22	Accrued Expenses						
25	23	Current Note Payables						
26	24	Long Term Liabilities						
27	2__	Total Liabilities	9 373,54	0,00	0,00	0,00	0,00	9 373,54
28	3	Owner's Equity/Net Worth						
29	31	Capital						
30	32	Current Profit & Loss						
31	33	Total Liabilities and Equity	9 373,54	0,00	0,00	0,00	0,00	9 373,54
32								

Exactly the file initially generated in pdf.

4   Project Protocol

4.1.1   Project Version

Smart Financial Report v6.2

4.1.2   Source Repository

https://bitbucket.org/pshepetko/org.idempiere.sfinreport/src/default/

4.1.3   Tickets

https://bitbucket.org/pshepetko/org.idempiere.sfinreport/issues

4.1.4   Project Forum for Support

https://groups.google.com/forum/#!forum/idempiere

4.1.5   Contact

pshepetko@gmail.com