

Use Case Supplier Invoice Reconciliation with currency difference account move

Bug: Missing possibility of reconciliation and currency difference accounting in Pay Invoice Wizards action of Supplier Invoice form (like realized in bank statement)

- Example: Invoice in USD (1000 USD) with exchange rate of 1.3785

The screenshot shows the OpenERP interface for a Supplier Invoice. The main form displays the following details:

- Journal: Journal Beschaffung
- Type: Supplier Invoice
- Currency: USD
- Partner: Lieferant Ausland
- Invoice Address: demo 49661 Demo
- Account: 1610 Verbindl. aus Lief
- Due Date: 09/16/2010
- Bank Account: (empty)
- Total: 1000.00
- Price method: Tax excluded

The **Invoice lines** table is as follows:

uct	Account	Taxes	Analytic Account	Quantity	Unit Price	Subtotal w/o tax	Subtotal	Description
ja)	Produkt A 3400 Wareneingang 19% Vorsteuer (0)			1.00	1,000.00	1,000.00	1,000.00	[proda] Produkt A

The **Taxes** table is empty.

The **Currency** dialog box is open, showing:

- Currency: USD
- Code: USD
- Current Rate: 1.250000
- Rounding factor: 0.010000
- Computational Accuracy: 4
- Active:

The **Rates** table in the dialog shows:

Date	Rate
01/01/2010	1.378500

- Account Move in Purchase Journal (in EUR \rightarrow 1000 USD / 1.3785 = 725.43 EUR)

Effective date	Move	Ref.	Partner Ref.	Account	Name	Maturity date	Debit	Credit	Tax	Analytic Account
09/16/2010	104		Lieferant Ausland	1610 Verbindl. aus Lieferungen u. Leistungen /		09/16/2010	0.00	725.43		
09/16/2010	104		Lieferant Ausland	3400 Wareneingang 19% Vorsteuer	[proda] Produkt A		725.43	0.00		

- New exchange rate at the moment of payment. In fact it is a currency difference loss, because we have to pay 800 EUR instead 725.43 EUR (invoice converted from USD in EUR)

The screenshot shows the 'OpenERP - Currency' window for USD. The configuration includes:

- Currency: USD
- Code: USD
- Current Rate: 1.250000
- Rounding factor: 0.010000
- Computational Accuracy: 4
- Active:

The 'Rates' section contains the following table:

Date	Rate
09/16/2010	1.250000
01/01/2010	1.378500

- This loss situation is not reflected in accounting system. As we can see the account move looks like the following screenshot.

Effective date	Move	Name	Statement	Partner Ref.	Account	Ref.	Debit	Credit	Tax	Analytic Account	Status
09/16/2010	*348	test4		Lieferant Ausland	1220 Bank 2 USD		0.00	800.00			Valid
09/16/2010	*348	test4		Lieferant Ausland	1610 Verbindl. aus Lieferungen u. Leistungen		800.00	0.00			Valid

... but we have defined a profit and loss account for currency differences in the company data.

The screenshot shows a software window with a menu bar (File, User, Form, Options, Plugins, Shortcuts, Help) and a toolbar with icons for New, Save, Delete, Back, Forward, List, Form, Calendar, Graph, Print, Action, Attachments, Menu, Reload, and Close. The main area displays company configuration for 'openbig accounting'. The 'General Information' tab is selected, showing fields for Report Header, Report Footer 1, Report Footer 2, Currency (EUR), Expenses (2150 Aufwendungen aus Kursdifferenzen), and Revenues (2660 Erträge aus Kursdifferenzen). A note below the fields says 'Your Logo - Use a size of about 450x150 pixels.' and there is a 'Logo :' label with a small icon.

Pay Invoice wizard should not only reconcile the invoice in this example, but also create accounting moves for this example (Expenses Account in General Information form) against creditor account.

Effective date	Move	Name	Statement	Partner Ref.	Account	Ref.	Debit	Credit	Tax	Analytic Account	Status
09/16/2010	*350	test4		Lieferant Ausland	1610 Verbindl. aus Lieferungen u. Leistungen		0.00	74.57			Draft
09/16/2010	*349	test4		Lieferant Ausland	2150 Aufwendungen aus Kursdifferenzen		74.57	0.00			Draft
09/16/2010	*348	test4		Lieferant Ausland	1220 Bank 2 USD		0.00	800.00			Valid
09/16/2010	*348	test4		Lieferant Ausland	1610 Verbindl. aus Lieferungen u. Leistungen		800.00	0.00			Valid