

Internet Update of Euro Rates

What's OANDA?

Established in 1996 and Internet subsidiary of Olsen & Associates, OANDA (<http://www.oanda.com>) is a company created to make personal and business transactions that utilize foreign currencies easier for Internet users.

OANDA offers a wide range of online services: currency converters (164 Currency Converter, Cheat Sheet for Travelers, Customizable Currency Converter, Customizable Cheat Sheet for Travelers, Historical Currency Table, Interactive Daily Table, FX Playground), Foreign Exchange Protocol (FXP) and financial forecasting services (Directional Forecasts and Timing Indicators, Today's Market Insight).

Euro Assistant Pro uses OANDA Foreign Exchange Protocol for the automatic update of euro exchange rates over the Internet. OANDA provides daily euro exchange rates for the following currencies:

OANDA Currencies	ISO Code

Afghanistan Afghani	AFA
Albanian Lek	ALL
Algerian Dinar	DZD
Andorran Franc	ADF
Andorran Peseta	ADP
Angolan New Kwanza	AON
Argentine Peso	ARS
Aruban Florin	AWG
Australian Dollar	AUD
Bahamian Dollar	BSD
Bahraini Dinar	BHD
Bangladeshi Taka	BDT
Barbados Dollar	BBD
Belize Dollar	BZD
Bermudian Dollar	BMD
Bhutan Ngultrum	BTN
Bolivian Boliviano	BOB
Botswana Pula	BWP
Brazilian Real	BRL
British Pound	GBP
Brunei Dollar	BND
Bulgarian Lev	BGL
Burundi Franc	BIF
CFA Franc BCEAO	XOF
CFA Franc BEAC	XAF
Cambodian Riel	KHR
Canadian Dollar	CAD
Cape Verde Escudo	CVE
Cayman Islands Dollar	KYD
Chilean Peso	CLP
Chinese Yuan Renminbi	CNY
Colombian Peso	COP
Comoros Franc	KMF
Costa Rica Colon	CRC
Croatian Kuna	HRK
Cuban Peso	CUP
Cyprus Pound	CYP
Czech Koruna	CSK

Danish Krone	DKK
Djibouti Franc	DJF
Domenican Peso	DOP
Equador Sucre	ECS
Egyptian Pound	EGP
El Salvador Colon	SVC
Estonian Kroon	EEK
Ethiopian Birr	ETB
Falkland Islands Pound	FKP
Fiji Dollar	FJD
Gambian Dalasi	GMD
Ghanaian Cedi	GHC
Gibraltar Pound	GIP
Greek Drachma	GRD
Guatemalan Quetzal	GTQ
Guinea Franc	GNF
Guyan Dollar	GYD
Haitian Gourde	HTG
Honduran Lempira	HNL
Hong Kong Dollar	HKD
Hungarian Forint	HUF
Iceland Krona	ISK
Indian Rupee	INR
Indonesian Rupiah	IDR
Iranian Rial	IRR
Iraqi Dinar	IQD
Israeli New Shekel	ILS
Jamaican Dollar	JMD
Japanese Yen	JPY
Jordanian Dinar	JOD
Kazakhstan Tenge	KZT
Kenyan Shilling	KES
Kuwaiti Dinar	KWD
Lao Kip	LAK
Latvian Lats	LVL
Lebanese Pound	LBP
Lesotho Loti	LSL
Liberian Dollar	LRD
Libyan Dinar	LYD
Lithuanian Litas	LTL
Macau Pataca	MOP
Malagasy Franc	MGF
Malawi Kwacha	MWK
Malaysian Ringgit	MYR
Maldives Rufiyaa	MVR
Maltese Lira	MTL
Mauritanian Ouguiya	MRO
Mauritius Rupee	MUR
Mexican Peso	MXP
Mongolian Tugrik	MNT
Moroccan Dirham	MAD
Mozambique Metical	MZM

Myanmar Kyat	MMK
NL Antillian Guilder	ANG
Nanibia Dollar	NAD
Nepalese Rupee	NPR
New Zealand Dollar	NZD
Nicaraguan Cordoba Oro	NIO
Nigerian Niara	NGN
North Korean Won	KPW
Norwegian Kroner	NOK
Omani Rial	OMR
Pakistan Rupee	PKR
Panamanian Balboa	PAB
Papua New Guinea Kina	PGK
Paraguay Guarani	PYG
Peruvian Nuevo Sol	PEN
Philippine Peso	PHP
Polish Zloty	PLZ
Qatari Rial	QAR
Romanian Leu	ROL
Russian Rouble	RUB
Samoan Tala	WST
São Tomé and Principe Dobra	STD
Saudi Riyal	SAR
Seychelles Rupee	SCR
Singapoer Dollar	SGD
Slovak Koruna	SKK
Slovenian Tolar	SIT
Solomon Islands Dollar	SBD
Somali Shilling	SOS
South African Rand	ZAR
South Korean Won	KRW
Sri Lanka Rupee	LKR
Saint Helena Pound	SHP
Sudanese Dinar	SDD
Sudanese Pound	SDP
Suriname Guilder	SRG
Swaziland Lilangeni	SZL
Swedish Krona	SEK
Swiss Franc	CHF
Syrian Pound	SYP
Taiwan Dollar	TWD
Tanzanian Shilling	TZS
Thai Baht	THB
Tonga Pa'anga	TOP
Trinidad and Tobago Dollar	TTD
Tunisian Dinar	TND
Turkish Lira	TRL
Uganda Shilling	UGS
Ukraine Hryvnia	UAH
Uruguayan Peso	UYP
US Dollar	USD
United Arab Emirates Dirham	AED
Vanuatu Vatu	VUV

Venezuelan Bolivar	VEB
Vietnamese Dong	VND
Yugoslav Dinar	YUN
Zambian Kwacha	ZMK
Zimbabwe Dollar	ZWD

Update Rates Dialog Box

o automatically update euro exchange rates choose the "Update Rates..." command in the File menu. Notice that rates can be retrieved over the Internet provided that you have Open Transport 1.1.1 or higher. If you want Euro Assistant Pro to establish the PPP connection, then you also need OT/PPP or any other Open Transport compatible PPP.

The "Update Rates..." command opens the "Update Rates" dialog box, which lists all Euro Assistant Pro non-EMU currencies (both predefined and custom) and their current euro exchange rates.

Check the currencies whose euro exchange rates you want to update. To check all currencies click "All", to uncheck them all click "None". Notice that the "Update" button is disabled if no currency is checked in the list.

Then click the "Update" button to contact the fxp.oanda.com server and retrieve euro rates using OANDA Foreign Exchange Protocol (FXP).

Click "Cancel" if you want to stop the connection attempt and, once the connection is established, "Stop" if you want abort the update and to disconnect.

nce the retrieval of euro exchange rates is accomplished, the Rate column lists the updated euro rates, whereas the Log column displays the result of each performed FXP query. A successful query (and the update of the corresponding rate) is indicated by the message "updated". An unsuccessful query on the contrary is signalled by the corresponding error message ("rate not available", "invalid rate", "bad request", "ISO code not available", "server error").

If you wish to know more about OANDA, their Foreign Exchange Protocol or the other online services they offer, simply click the "www.oanda.com" button to visit the OANDA website.

Notice that once your 15-day trial period has expired, Euro Assistant Pro won't anymore update euro exchange rates over the Internet, unless you don't register your Euro Assistant Pro copy (see [Registration](#)).

Updating Rates at Startup

uro exchange rates can be automatically updated at startup by checking the "Update rates at startup" option in the "Preferences" dialog box. Rates can be updated daily or weekly at startup. The update frequency is also to be specified in the "Preferences" dialog box (see [Preferences](#)).