

**QuoteFlash**

*Mobile Real Time Financial Data Services*

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# QuoteFlash for Windows Mobile

(Version 1.81 – January 2006)

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## *User's Guide*

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## 1. Introduction

The QuoteFlash wireless financial information services are based on the use of the GSM/GPRS or 3G mobile phone network facilities with suitable devices. As they become available, many phones and devices will be supported. Check the [www.quoteflash.com](http://www.quoteflash.com) web site for the latest status.

All Windows Mobile devices (Pocket PC or Smart Phones) can be supported, whether or not they include Java support as standard.

For devices delivered without Java support, we recommend the use of the IBM Java runtime environment and will assist the user for the installation and operation of such environment. We also provide a corresponding license to our subscribers

The use of a permanently connected application (ie QuoteFlash) with a multitasking OS such as Windows Mobile, requires, for best results, the use of a task switching facility. Such facility is often not provided within the standard Windows Mobile delivery. We can assist users to install the necessary functionality.

The services operate through an application that resides on the phone. It is therefore **not** a WAP or HTML WEB based system accessed through a browser, but a true data feed based service.

A careful reading of this guide as well as of the phone manual will enable any user to obtain in very little time the best use and results out of the QuoteFlash service with Windows Mobile systems.

It is assumed that the user is familiar with the main functionality of the phone or Pocket PC device.

## System Requirements

In order to use the QuoteFlash service on Windows Mobile devices, you need:

- A Java (J2ME/MIDP) runtime environment installed on the device.
- To download or transfer through ActiveSync the QuoteFlash application (jar file).
- A subscription with an operator that includes **Web** GPRS access. Your operator settings for internet connection must be configured and activated (Settings -> Data Connections). We can provide assistance for this setup.
- If you are in a roaming situation, you must select a network with which your operator has a GPRS roaming agreement (check on the operator web site).
- A valid QuoteFlash account, including the user defined data page specifications.

## Security and Confidentiality

The QuoteFlash application operates under J2ME. This is a fully secure and protected environment (also called "sandbox"). The application has no access to any information on the device, other than its own data.

The application cannot affect or corrupt any part or other functions of the device.

Furthermore, removing the application deletes all trace of the application on the device.

## 2. QuoteFlash installation on the Device

Follow the instructions in the system manual for the download of the QuoteFlash application and/or consult the device specific QuoteFlash guide, if any available.  
Always install in the device internal memory and not in the memory card.

There are three ways to load and install QuoteFlash on your device:

### Download through the Browser

With the device Internet Browser, go to the URL specified below. The download is automatic. If you are prompted, accept everything.

<http://www.tefiso.de/qf/QuoteFlash181.jar>

Note that the file name is **case sensitive**

### Download through the Midlet Manager

As above, but through the device Java function (Midlet Manager)

### Load Java File through ActiveSync

Upon request, we will provide the executable Java file (QuoteFlash181.jar).

You transfer this file to your device through Active Sync (to a temporary location), You then locate this file on your device with the File Manager and execute it.  
QuoteFlash will be installed.

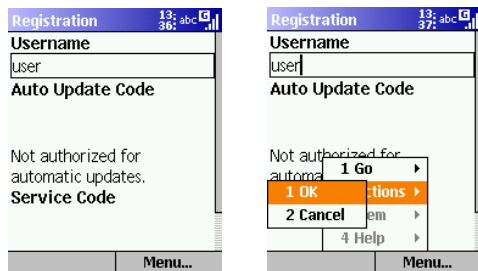
### 2.1 To delete (uninstall) the QuoteFlash application

From the main menu, select "Midlet Manager", highlight QuoteFlash then go to "Menu -> Actions -> Delete Midlet"

## 3. Start and Set-up the QuoteFlash Application

Locate and execute the QuoteFlash application (in the program menu or within the Midlet Manager)

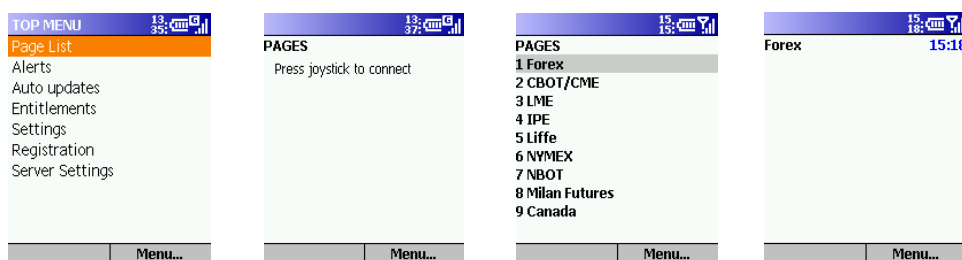
The first time QuoteFlash is started after its download and installation, the provided "**User name**" must be entered, then "Menu -> Actions -> OK" to validate.



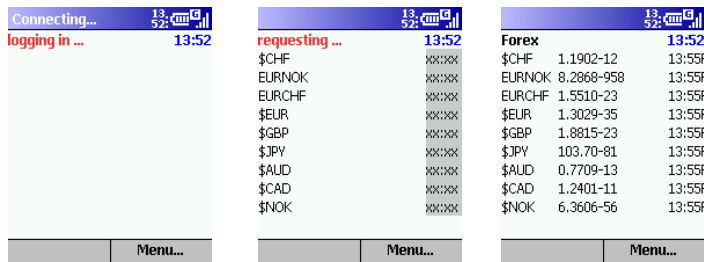
See section 6 for the activation of the automatic update mode for which an authorization is required.

## 4. Connect, login and display data

When the application is started, the Top Menu is displayed. To connect to the service, select the page list, select a page then request an update (the first time the application is used, there is no page list):



If prompted, select "Yes" to allow http connection Click "OK"

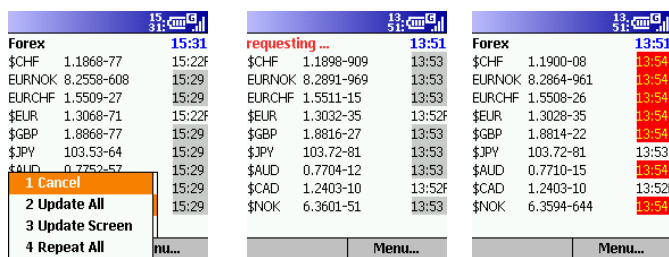


The login and data transmission occurs, and the page contents are updated. For the very first connection, only the page list is displayed. In order to view the data, select and open a page.

## 5. Data updates and navigation

### 5.1 Data Page Display and Updates

To update a page, display the page and click the selection key (or joystick), Alternatively, press key 0 (zero) or "Menu-> Actions -> Update Screen"



To update all the pages at the same time, do "Menu -> Actions -> Update All".

Note that news pages are not updated through the "Update All" but only as individual pages.

To fast scroll through a page, click the key corresponding to the page number.

### 5.2 Display Pages and Navigate between Pages

A page is displayed by selecting it from the page list, and, while displaying any page by typing the page number (1-9) or By moving Right/Left

To return to the page list when displaying a page, do "Menu -> Actions -> Cancel" or scroll upwards with the navigation key.

### 5.3 Display Detailed Information Screen

While displaying a page a cursor appears if you scroll down. Position the cursor on the value for which detailed information is required and select. You can scroll line by line (Up/down) or screen by screen (Left/Right).



The detailed information screen provides additional data such as High and Low. The data provided varies according to the type of value (Forex, stocks, indices, futures, etc.)

To return to the data page press the action (validate) key or do "Menu -> Actions -> Cancel". This may have to be repeated to Remove the cursor.

## 5.4 Display News Headlines

To display the news headlines, select a "News" page and request the update. Initially the news pages are empty.



To display the news headlines, scroll down. Headlines are displayed one at a time.

## 5.5 Set the Page Format, Character Size and Screen Layout

### 5.5.1 Set the Page format on the Web Site

Two page formats can be set:

- **1r3c** -Display 3 fields (Symbol, Last update and Time Stamp)
- **1r4c** -Display 4 fields (Symbol, Last update Change and Time Stamp)

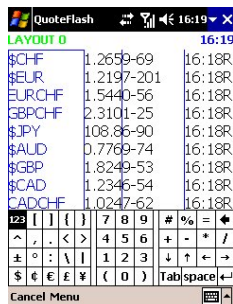
The page format is set by accessing the account on the web site ([www.quoteflash.com](http://www.quoteflash.com)) (See section 7 below)

### 5.5.2 Page Layout Setting

While displaying a page, select "Menu -> Layout"



Moving up/down will change the character size. The active column is positioned by moving Left/Right. A column is activated by typing its number (1, 2, 3, 4)  
Note that column 3 is only present for values with the "Change" field.



We recommend you start with the left most column (column 4)  
Save the desired layout through "Menu -> Save This" to change only this page or through "Menu -> Save all" to apply this layout to all the pages.

The screenshot shows the QuoteFlash application window. At the top, the title bar reads 'QuoteFlash' and the system tray shows the time '16:20'. The main content area displays a table of exchange rates under the heading 'LAYOUT 0'. A menu is open over the table, showing options: 'Save this', 'Save all', 'Revert', and 'Cancel Menu'.

Symbol	Rate	Time
\$CHF	1.2659-69	16:18R
\$EUR	1.2197-201	16:18R
EURCHF	1.5440-56	16:18R
GBPCHF	2.3101-25	16:18R
\$JPY	108.86-90	16:18R
\$AUD	0.7769-74	16:18R
\$GBP	1.8249-53	16:18R
\$CAD	1.2346-54	16:18R
CADCHF	1.0247-62	16:18R
EURCAD	1.5057-68	16:18R
EURG	-86	16:18R
EURJ	-83	16:18R

## 6. Automatic Update Mode

The Automatic update facility allows a mode of operation in which the data gets automatically updated, without the need to request the updates.

Use of this facility can increase the cost of transmission as well as reduce the power autonomy of the device.

It must be used with some care, and for this reason requires an authorization code that is only provided upon request from the owner of the QuoteFlash subscription contract.

In addition, the mobile device must be configured such that the data is always displayed. This involves setting the various Time-outs of the device and disabling any "Sleep mode".

Refer to the specific QuoteFlash guide for Auto Updates to set up the facility.

## 7. Web Based User Set-Up Facilities

### 7.1 Service Information

Two levels of service information are provided and updated daily:

- latest news regarding the QuoteFlash service (new versions, additional data, new device support etc.)
- service status (global status, mobile networks, exchanges, data feed/internet)



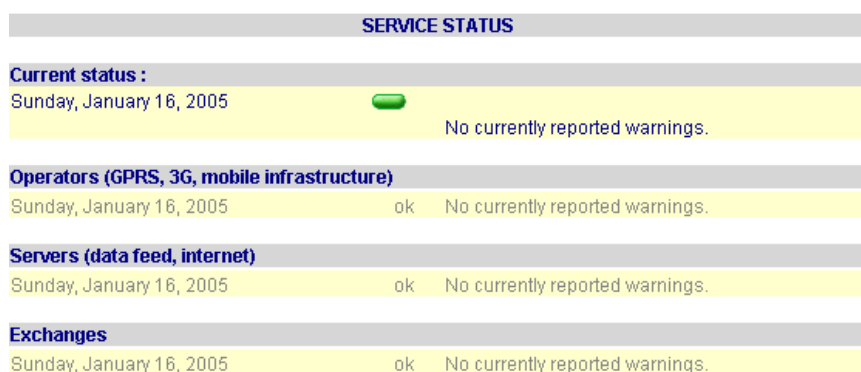
#### Latest News

The information is displayed by selecting the "Latest News" line on the web page



#### Service Status

This indicates whether there is any problem with the service. A green light indicates no current problem. If another colour is shown, display the detailed information by selecting the "Service Status" line.



### 7.2 Web site user facilities

The Web site facilities are located at the URL: [www.quoteflash.com](http://www.quoteflash.com)

The user can create and/or modify pages. In order to display the account and the facilities, the user must enter the "Account Name" (same name as used for the registration on the phone) and a password (initially supplied or user modified).

#### 7.2.1 Browser Settings

In order to access the web site and make full use of its facilities, some settings are required in the browser. These settings are very much standard and do not affect the security or any other aspect of the browser operation.

**Settings for Internet Explorer 6.x**

## - Cookies

In "Tools -> Internet options -> Privacy -> Advanced", make sure that the "Always allow session cookies" is set.

## - Cache Parameters

Go to "Tools -> Internet options -> General"

In Section "Temporary Internet Files -> Settings", set the option for "check for newer version of stored pages" to "automatically"

## - Refresh

Go to "Tools -> Internet options -> Security -> Custom level -> Allow META REFRESH" and set to "Enable"

**Settings for Internet Explorer 5.x**

## - Cookies

In "Tools -> Internet options -> Security -> Custom level", make sure that the "Allow per-session cookies (not stored)" is set to "Enable".

## - Cache Parameters

Go to "Tools -> Internet options -> General"

In Section "Temporary Internet Files -> Settings", set the option for "Check for newer version of stored pages" to "automatically"

**7.2.2 Web Page Layout**

The screenshot shows the QuoteFlash web application interface. The browser title is "QuoteFlash" and the address bar shows "81.62.78.242 (242.78.62.81.dial.bluewin...)". The page content is organized into several sections:

- Site Map:** Includes links for "Service description", "Account Management", "PDF Documentation", and "Customer Login".
- Account:** Displays account information for "TEST1" owned by "Doe John" with a balance of "55".
- Page Contents:** Lists various financial instruments and their real-time status, such as "\$CHF", "\$EUR", "\$GBP", "\$JPY", "\$AUD", "\$CAD", "EURJPY", "GBPCHF", "\$XAU", "\$XAG", "\$/CHF", "Euro/\$", "EUR/CHF", "GBP/\$", "\$/JPY", "\$/AUD", "\$/CAD", "EURJPY", "GBP/CHF", "\$/Gold", "\$/Silver", and "Percent".
- Subscribed Groups:** Lists groups like "[News]", "CBOT (Financials)", "CME (COM)", "Currency Cross Rates", "Currency Spot Rates", "Eurex", "Euronext Futures", "Govt Bond Yields", "Interest Rates (Deposit)", "IPE", and "LSE".
- Instruments:** Lists instruments such as "\$AUD", "\$BRL", "\$CAD", "\$CHF", "\$CZK", "\$DKK", "\$HKD", "\$HUF", "\$INR", "\$JPY", and "\$KRW".
- Pages:** A table listing pages with columns for page ID, name, data type, and count.
 

Page ID	Name	Data Type	Count
A-1	Forex	Data	1r 3c 11
A-2	Indices	Data	1r 4c 9
A-3	Index Futures	Data	1r 4c 7
A-4	Interest Rates	Data	1r 3c 10
A-5	Energy	Data	1r 4c 4
A-6	Nasdaq	Data	1r 4c 4
A-7	NYSE	Data	1r 4c 7
A-8	News	News	1r 3c 3

The web page is divided in sections:

**Account**

This is the account name and owner of the account logged in

**Pages**

This lists the pages already specified for this account

**Page Contents**

This lists the instruments contained in the highlighted page, in the order of display on the phone (a max of 50 instruments can be specified on a page)

**Subscribed Groups**

These are the data groups and exchanges that have been subscribed by the user, together with the access level authorized (Real-time or Delayed). This can not be changed by the user.

### Instruments

These are the instruments that are supported for the highlighted group. If instruments that are required are not listed, contact the support and, save exceptions, they will be added to the list.

### PDF Documentation

These are the commercial documents that can be displayed (if your browser supports it), printed or downloaded.

## 7.3 Set-up Functions

### 7.3.1 Create a new page

In the "Pages" section, click "Add". A box is displayed at the top left:

As matrix navigation is not currently supported, we recommend that you define only one row ("A") and number the pages sequentially.

A page can be one of two types, "Data" or "News". Only one news headline page can be specified.

The format of the page is 1 or 2 lines per instrument and if 1 line, with 3 or 4 columns.

Currently, the application overrides this setting and assigns the format automatically.

### 7.3.2 Edit a Page

Highlight the page line in the "Pages" window and select "Edit". The following is displayed (top left):

All the fields can be edited. To change the page order in the page list, change the column number within the page row.

### 7.3.3 Add/Remove an Instrument To/From a Page

First of all, you have to check if the required instrument is currently included in the service.

Select the relevant data group in the "Subscribed Groups" window.

Highlight an instrument in the "Instrument" window and perform a "CTRL-F" on the keyboard. The following is displayed:

Type any part of the instrument name and if found you can proceed with the selection. If not, you have to request the inclusion of this instrument in the service ([support@dts.ch](mailto:support@dts.ch))

If the instrument is in the list, you can proceed with the instrument add:

- Highlight the page in the “Pages” section.
- Select the instrument group in the “Subscribed Groups” section
- Click “Add” in the “Page contents” section

The following is displayed (top left):

Select the instrument to be added to the page (select also the “Change” format when applicable). The instrument will be added in the page at a position above the currently highlighted instrument. To add the instrument as the last on the page, first select the **(End-of-Page)** line. The instruments can be moved with the “Up/Down” buttons in the “Page contents” section. To keep adding instruments from another group, select the group in the “**Subscribed Groups**” window.

To **remove** an instrument, select it in the “Page contents” section and click “Del”. The following is displayed (top left):

#### 7.3.4 Set the Instrument Display Parameter

A page can be edited at any time.

Select the instrument in the “Page contents” section and click “Edit”. The following is displayed (top left):

The display of the “Change” value (4 column display only) can be in “Point” or “Percent”. Note that on the phone, in the detailed information screen, both are displayed.

#### 7.3.5 Activate Settings

To activate the current settings on the phone, click on “**SEND TO PHONE**”.

You need to exit and restart the phone QuoteFlash application to get the new settings.

#### 7.3.6 Account information Editing

Click “Edit” in the “Account” section. The following is displayed (top left):



The image shows a web form titled "Edit your account" with a yellow background. The form contains the following fields and values:

Title	Mr
First name	John
Last name	Doe
Email	doe@here.com
Phone	9986543213456
Language	English
Expiration	31.12.2003
User ID	TEST1
Password	test

At the bottom of the form are two buttons: "Apply" and "Close".

All the fields can be modified by the user, including the password for web access to the account. (initially, there is no password, we recommend that one is set at the first visit).