

QuoteFlash

Mobile Financial Data Services

QuoteFlash for BlackBerry

(Version 1.4.68 – January 2006)

User's Guide



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Support :

Tel. +41 22 704 30 60
Fax +41 22 704 30 80
E-mail: support@dts.ch
web: www.quoteflash.com

1. Overview

The QuoteFlash wireless financial information services are based on the use of the GSM/GPRS or 3G mobile networks.

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

The main features of the QuoteFlash service for the BlackBerry are:

- automatic or manual (on request) real-time updates
- one hand operation when on the move
- keyboard operation facility when in the office
- "Hide" function, allowing to suspend QuoteFlash in order to perform another task (ex. read incoming mail) and then return immediately to QuoteFlash
- "Over the Air" application download and installation (no need to connect to a PC)
- once set up, automatic service Login capability
- choice of any font supported by the Blackberry system and facility to adjust the data display accordingly

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

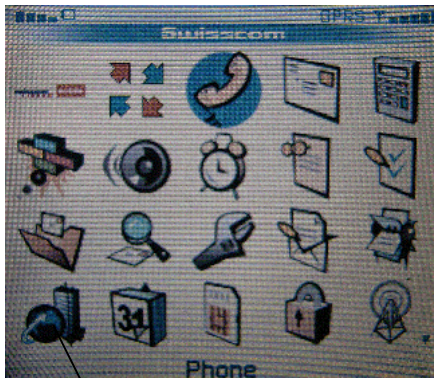
It is assumed that the user is familiar with the main functionality of the BlackBerry device.

System Requirements

In order to use the QuoteFlash service on the Blackberry, you need:

- A Blackberry device that is entitled for Web access (Web client or Enterprise server based systems)

This is simply verified by making sure that the BlackBerry Browser icon is present on the main menu and that access to any web page is possible (see menu with Blackberry Browser icon below:



BlackBerry Browser icon

- To download the QuoteFlash application on the BlackBerry device
- A subscription with an operator that includes **Web** GPRS access levels as well as Blackberry Web access support
- 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

In cases where the BlackBerry Browser icon is not present or the device is not entitled for the installation of applications, contact the Blackberry system administrator.

Security and Confidentiality

The QuoteFlash application uses the Blackberry Java facilities and is certified. The application has no access to any information on the BlackBerry device, other than its own data.

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

2. QuoteFlash (User) Account Setup

In order to access a QuoteFlash service, the user must have an account registered and the data page as well as page contents specified.

The account specification includes:

- Account name (also called User ID)
- Account entitlements (data authorized for this account)
- For each data page, the page name and page format (currently only one default format)
- For each page, the list of the instruments to be displayed on the page, in the order of display
- For each instrument, the display format (currently the "Change" in point or %)

The account is identified by its name that must be entered when it is first accessed (see section 3 for initial setup). Once an account has been accessed from a device, it can only be accessed from this particular device. The account can be reset on demand if it must be accessed from another device (for instance if the user changes device) or if a new application was installed.

The account is initially configured based on the user specifications. The user can change the account configuration at any time, within the data entitlements. The data entitlements can only be changed by the QuoteFlash administrator, at the request of the subscription contract holder.

The users have access to a web site (**www.quoteflash.com**) that provides the functionality to create and modify their account data specifications, within the assigned user entitlements. (See section 7 for the Web based facilities).

3. QuoteFlash Service Initial Start and Setup

3.1 QuoteFlash Application Download and Installation

The QuoteFlash application is downloaded "Over the Air" that is without the need to connect the BlackBerry to a PC. There are three ways to initiate the downloading of the QuoteFlash application:

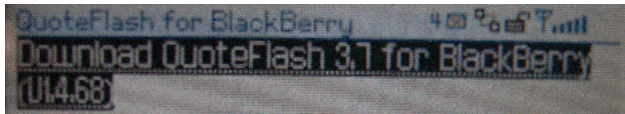
3.1.1 Enter URL Within Browser

Start the BlackBerry Browser, display the browser function menu and select "Go To..."

Enter the following address: "<http://www.tefiso.de/bb/index.html>"

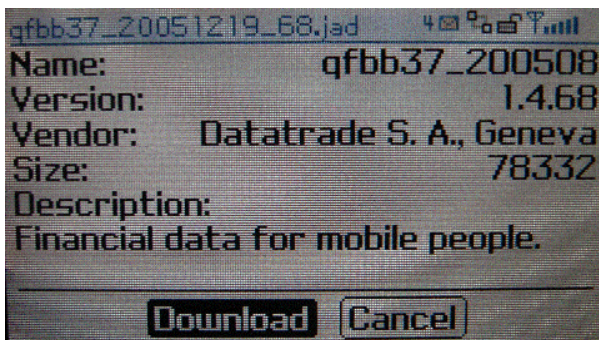
Select "OK"

A download page is loaded and displayed:



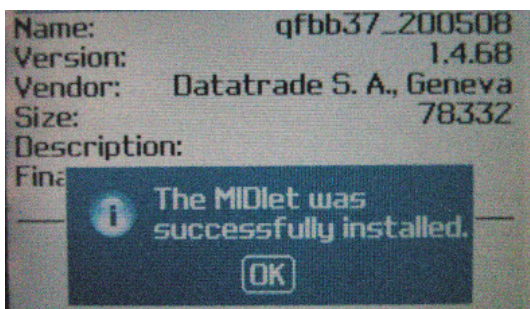
Select the "Download QuoteFlash" link, then, from the function menu, select "Get link"

The application information is displayed. Select "Download"



The download process is started. When the download is complete, a message is displayed.

"The MIDlet was successfully installed"



Select OK to end the download.

An Icon corresponding to the QuoteFlash application has been placed on the main menu.



3.1.2 From an Existing Bookmark

If the application had already been downloaded once or if a bookmark was created with the above address, start the BlackBerry Browser and execute the QuoteFlash bookmark (it may be necessary to "refresh" the link)

The download process is then as per 3.1.1

3.1.3 From an E-mail Link

An E-mail can be sent to the BlackBerry device containing the download link. Open the E-mail, select and execute the link.

The download process is then as per 3.1.1

3.1.4 Reloading of the Application

In order to upgrade to a newer version or for whatever reason the application can be reloaded.

It is recommended to first delete the previous version. Also, When the download link is displayed, the "Refresh" should be selected from the function menu. Proceed then as per 3.1.2

3.1.5 Remove (Delete) the QuoteFlash Application

If you wish or need to remove the QuoteFlash application, proceed as follows:

From the main menu, go to "**Options -> Applications ->**". Select the **QuoteFlash** line and then "**Delete**" from the function menu.

The application will be removed, as well as any data related to it.

3.2 First Application Start, Initial Settings and Service Login

User Codes Entry

From the BlackBerry main menu, select the QuoteFlash icon. The application starts and a screen is displayed requesting entry of the User ID code, and, optionally, of the Auto Update authorization code (see par 4.5 for the Auto Update facility):

User
 User ID: █
 Your user ID is given to you
 by the support.
 Auto update code:
 The auto update code is given to you
 by the support on special request.

Enter the provided code(s) and call the function menu (click the navigation wheel)

User
 User ID: █
 Your user ID is given to you
 by the support.
 Auto update code:
 The auto update code is given to you
 by the support on special request.

Hide Menu
 Save
 Cancel
 Close

Select "Save". This only has to be done once. Only if the application is removed and reloaded will these codes have to be entered again.

Other Settings

Once the User Id has been entered the initial (empty) page list is displayed:

PAGES | NOT LOGGED IN
 1 █
 2
 3
 4
 5
 6
 7
 8
 9

Call the Function Menu (by clicking the navigation wheel):

PAGES | NOT LOGGED IN
 1 Forex
 2 Indices
 3 DAX
 4 Virt-x
 5 Eumex
 6 Nasdaq
 7 Interest
 8 Bid-Ask
 9 News 1
 News 2
 News 100

Hide Menu
 Login & Repeat
 Open page
 User data
 Logout
 Options
 Hide
 Close

Select "Options"

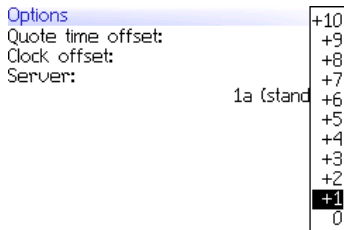
Options
 Quote time offset: 0
 Clock offset: 0
 Server: 1a (standard)

Adjust the Quote Time Offset

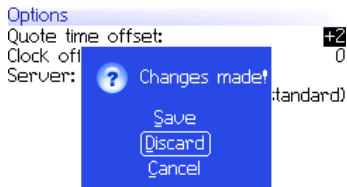
The quote updates are transmitted with their time set as GMT. In order to display the updates with the local time, The appropriate "Quote Time Offset" must be entered. This adjustment can be changed at any time, in particular when switching to/from Summer Time. Select the time field (with the navigation wheel):



Select "Change Option", the following is displayed:



Select the offset value; press the selection wheel and select Close. The following is displayed:



Select "Save"

Adjust the Current Time

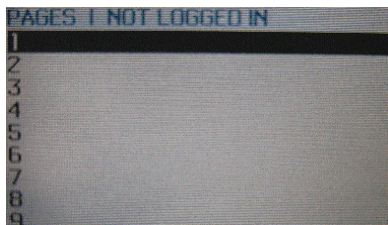
The time displayed on the top screen line is taken from the Blackberry internal time. An offset (initially set at zero) can also be specified in the same way as for the Quote Time Offset.

Server Specification

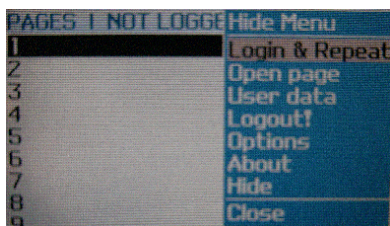
Server 1a is specified as default. Do not change this setting unless instructed by the QuoteFlash support

3.3 Initial Login

The first time the application is used, the page list screen is empty:



Call the function menu (press the selection wheel):



Select "Login & Repeat".

A blue screen may be displayed requesting authorization for http connections:



Proceed as follows:

- a) tick one or both http connection lines at the bottom of screen. To tick, position on the line and press the space key.
- b) once both boxes are ticked, select the "Allow this connection" line and validate (press the wheel).

This authorization will only be requested the first time you use the application.

The Login is processed. This may take some time (up to 1-2 min).

When the Login is done, the page list is displayed:



If this does not occur within 1-2 min, roll down the navigation wheel, the page list lines will appear.

Congratulation, you are now ready to use QuoteFlash and get the data updates!

Note on Account Setting

The first time you connect to a QuoteFlash account, the system will link this device to the account. Thereafter, the account can only be used from this device.

If the user changes device or installs a new QuoteFlash application, the account must be reset to allow the connection and re-establish the link. Contact the support when this is necessary.

3.4 Display Format Adjustment

3.4.1 Character Font Selection

You can select the most appropriate character font for the data display.

To select and change the font, select the "Options" icon from the BlackBerry main menu then go to:

-> Screen/Keyboard -> Font Family ->Change Option

select the desired font then go to:

-> Screen/Keyboard -> Font Size -> Change Option

Select the desired font size.

You may have to go through several iterations until you find the best choice (for you).

Our recommendation is:

Font Family: **Millbank**
Font Size: **9**

3.4.2 Data Screen Lay-out Adjustment

After you have selected the font, select and display a data page from the page list:

Indices | logged in | 12:56

SMI	5718.9	+0.54%	11:02
DAX	4220.66	+8.52	11:02
FTSE	4821.3	+0.43%	11:02
CAC40	3844.47	+0.27%	11:02
STXE50	2942.86	+0.22%	11:02
DJI	10505.83	-1.06%	21:03R
IXIC	2070.56	-1.05%	21:01R
SPX	1177.45	-0.87%	21:06R
NIK225	11438.39	+0.70%	06:20R

You can move the data columns such that the screen space allocation is optimized for the selected font. Proceed as follows:

- move the right most column (time stamp field) by clicking the keys "**N**" (move right) and "**B**" (move left) until the column is as far right as possible, still displaying all characters.
- move the next column on the left (Change field) using the keys "**J**" and "**H**".
- move the next column on the left (Last or Bid/Ask value field) using the keys "**U**" and "**Z**".

You may have to repeat the operation several times, until all your pages are displayed correctly. If you do not succeed in finding a correct adjustment, it means that the selected font is too big.

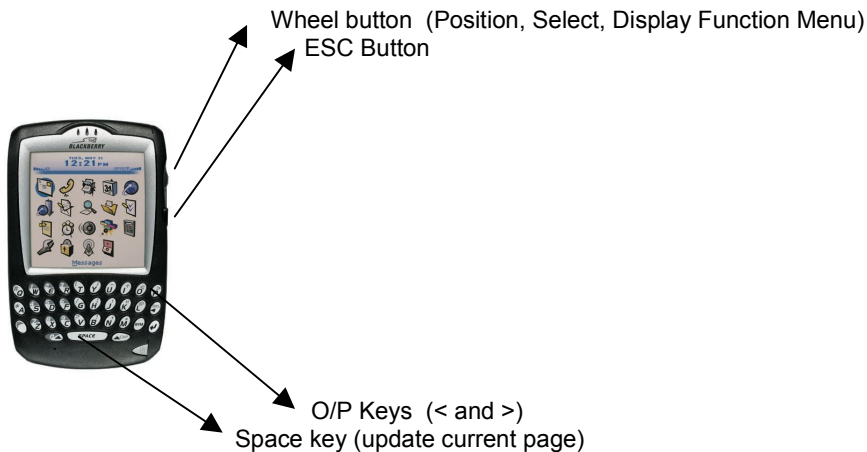
Once the setting is OK, call the function menu (press the navigation wheel) and select "Save layout".

4. User Navigation, Data Update and Display Facilities

4.1 User Navigation Facilities

The navigation facilities allow the user to access the data and request updates. With the BlackBerry device, the following facilities are provided:

- Wheel (dial) functions **"Position and Select"**
- ESC button **"Return one level"**
- Keyboard functions **(Space, O/P keys)**
- Function menu (displayed by pressing the Wheel button)



4.2 Display a Data Page

Display the "Page List" screen:

```
PAGES | logged in
1 Forex
2 Indices
3 DAX
4 Virt-x
5 Eurex
6 Nasdaq
7 Interest
8 Bid-Ask
9 News 1
  News 2
  News 123
```

Display the desired page by:

- with the selection wheel, position on the page line and select
- press the page number on the keyboard (without using the "shift" key)

Note that only the first 9 pages are allocated a number and can be called directly from the keyboard.

- position on the desired page line, call the function menu (press the wheel) and select "Open page"

```
Indices | logged in | 12:56
SMI 5718.9 +0.54% 11:02
DAX 4220.66 +8.52 11:02
FTSE 4821.3 +0.43% 11:02
CAC40 3844.47 +0.27% 11:02
STXE50 2942.86 +0.22% 11:02
DJI 10505.83 -1.06% 21:03R
IXIC 2070.56 -1.05% 21:01R
SPX 1177.45 -0.87% 21:06R
NIK225 11438.39 +0.70% 06:20R
```

If a page contains more lines than can be displayed on the screen, roll the wheel down. Scroll Up/Down with the wheel.

Pressing the ESC button while on the data page will return to the page list

Detailed Information Screen

Additional information that cannot be shown within the available space can be displayed for every value (High, Low, Close, Volume, Open Interest).

When within a page, position the cursor (with the wheel) on the desired value, call the function menu and select the function **"Details"**:

Indices	logged in	12:56	Hide Menu
SMI	5718.9	+0.54%	Save layout
DAX	4220.66	+8.52%	Prev Page
FTSE	4821.3	+0.43%	Next Page
CAC40	3844.47	+0.27%	Details
STXE50	2942.86	+0.22%	Update All
DJI	10505.83	-1.06%	Update
IXIC	2070.56	-1.05%	Repeat
SPX	1177.45	-0.87%	Hide
NIK225	11438.39	+0.70%	Close

DETAILS DAX Market Indices			
	14/01	12:56	
DAX			
Last	4221.91	+0.23%	+9.77

Close	4212.14	13/01	
High	4228.43	14/01	11:51
Low	4191.11	14/01	09:01

Scroll down to view all information

Press the ESC button to return to the data page.

To return to the page list, press the ESC button.

4.3 Go to Another Page

From within a page:

- press the page number on the keyboard or
- Move through pages with the keys **"O"** and **"P"** or
- Press ESC to go back to the page list and select the desired page or
- Call the function menu and select "Prev Page" or "Next Page"

Use of the above methods will depend whether **"one hand"** operation is required or not

4.4 Get Data Updates

Manual Updates

The manual update mode requires the user to request the updates. The main advantages of the manual mode are:

- lowest transmission costs
- longest autonomy between battery charging

To update the currently displayed page, press the **"Space"** key, or call the function menu and select **"Update"**.

To update all the pages, while displaying any page, select **"Update All"** from the function menu.

The update time depends on how many instruments are being updated and on the network performance.

The update time for an average page will normally be around 2 sec. An "Update All" may take 3-4 seconds.

Whenever an update request is made, the status of the request is indicated at the top of the page (**"requesting -> receiving -> processing"**). If there is a problem with the connection, the indication will remain on **"requesting"** until a time out occurs. In this case, close and restart the application.

The values that are updated are indicated on the time stamp (red for a few seconds and then grey).

Repeat All

This Function, accessed through the function menu while displaying a data page, will request a refresh of all data, whether there have been updates or not. The time stamp is displayed with an "R".

This is needed only if the user feels that it is missing updates (should never happen!) and wishes to make sure that the pages are updated to the latest values.

This function is executed automatically when a data update is requested after the "Not Logged In" indication was displayed.

"Not Logged In" Indication

If this indication is displayed after an update request, request a new update. An automatic Login & Repeat will be performed.

4.5 Automatic Data Update Facility

The Auto update facility allows a mode of operation during which the data gets automatically and permanently updated, without the need to request the updates. The user can at any time activate/deactivate the auto update mode.

This mode must be used with care as the transmission costs can be much higher than with the manual update mode. Also, battery usage is much greater, reducing autonomy.

Parameter settings allow the user to specify the update rate as well as the duration of the auto mode of operation.

To protect users from costly errors, the Auto Update Facility requires a permission code in order to be activated.

This code is only supplied to the user if the owner of the corresponding QuoteFlash subscription contract allows it.

4.5.1 Activation and Setting of the Auto Update Facility

Authorize the Facility

From the "Page list", call the function menu and select "User data". Enter the provide code, call the function menu and select "Save".

Activate and set-up the Facility

When displaying a data page, call the function menu and select "Auto updates":

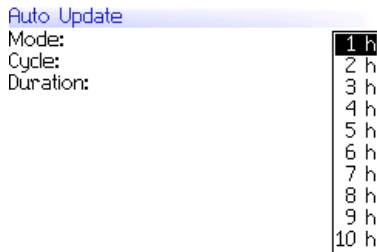


Select the "Mode" field, "Change Option" and set "Current page" or "All pages" update. Selecting "off" deactivates the Auto update mode.

To set the update cycle, select the "Cycle" field, "Change Option" and then select the desired value. Data will then be updated at the chosen rate.



To set the duration of the auto update mode, select the field "Duration" , "Change Option" and the desired value (hours).



4.5.2 Auto Update Mode Indication

When the Auto Update is active, this is shown on the data display page with the indication "AUTO UPDATE" on the top line.

Indices AUTO UPDATE 13:02			
SMI	5725.0	+0.65%	12:59R
DAX	4222.49	+10.35	12:59R
FTSE	4816.1	+0.32%	12:59R
CAC40	3848.08	+0.36%	12:59R
STXE50	2945.11	+0.29%	12:59R
DJI	10505.83	0	21:03R
IXIC	2070.56	0	21:01R
SPX	1177.45	0	21:06R
NIK225	11438.39	+0.70%	06:20R

4.6 News Headline Display and Updating

A max of 100 headlines can be stored on a news page (last 100 headlines).

The news are sorted by their time stamp with the most recent news on top.

To update the news page, click the Space key while the news page is being displayed. Or call the function menu and select "Update". Several updates may be required to be up to date with the latest news.

Note that the "Update All" function does not update the news page.

The news headlines are displayed one at a time and the scrolling is also one news headline at a time.

The news received with the last update are indicated with their first line "greyed".

The first line indicates the order of the news in the list, the news group name and the news time stamp.

News Page

News 1 logged in 13:00			
1/1	FRX.R	12:59	Unicredito
chairman rejects report could become			
BNL chairman			

4.7 Application "Hide", Exit and Restart

Hide (Suspend) Application

If you need to access another BlackBerry function, such as reading incoming mail, call the function menu and select "Hide". The BlackBerry menu is displayed.

To return to the application, from the BlackBerry Menu, select the QuoteFlash icon.

The display is return to the exact point where it was when the "hide was invoked.

Updates can be requested immediately. If the "Auto Update" mode was active, it is also resumed.

Exit (Close) the Application

Return to the page list screen (with the ESC key), call the function menu and select "Close".

Restart the Application

From the BlackBerry main menu, select the QuoteFlash icon, open a data page and request an update.

If the "Not logged In" is displayed, request again the update. A new Login will be performed and all the values will be repeated.

5. **Recommendations Regarding Data Transmission Costs**

The QuoteFlash service has been optimised to use as few characters as possible for the transmission of updates. Also, the manual update mode limits the risk of high transmission costs without user control.

To further optimise the transmission costs, we recommend the following:

- Do not terminate the application unless no further updates are required (use the "Hide" function).
There is no cost in keeping connected permanently. In fact, it costs less as there are overheads associated with each new connection.
- If you require a fast update of a specific value, display the corresponding page and update only this page.
- Values for which updates are required frequently should be regrouped on the same page, so as to be updated as part of a single page request.
- Do not request "Repeat All" unless you feel your data is incorrect (this should never happen)
- If you require updates for data contained in several pages, do an "Update All" rather than multiple single page updates

The experience shows that the costs can be maintained within a reasonable level (EUR 10-12/Month), including for extensive use. The costs associated with the QuoteFlash service are considerably lower than what is incurred with WAP or WEB (HTML) based applications or push streaming systems.

6. Error Situations and Troubleshooting

- In case of any problem, first try to (fully) exit the application and restart.
- If the problem persists, switch the device OFF and then switch it ON again
- If when requesting an update, the indication "requesting...." on the top line remains for more than 60-90 sec it means that the connection has failed. Exit and restart the application
- If the application does not start, delete and reload the application
- It has been noticed that at times, the response time of the Blackberry degrades considerably. This has probably to do with the BlackBerry servers being saturated (Operator or Blackberry located servers).
For "Push" type applications, such as E-mail, a user will not notice this degradation.
In such cases, not much can be done. Do not change any device parameter without advice from the support.

7. Web Based Service Information and User Set-Up Facilities

The Web site is located at the URL: www.quoteflash.com

7.1 Service Information

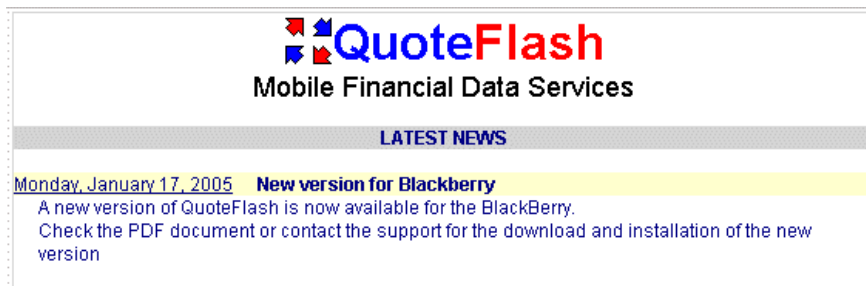
Two levels of service information are provided and updated daily:

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



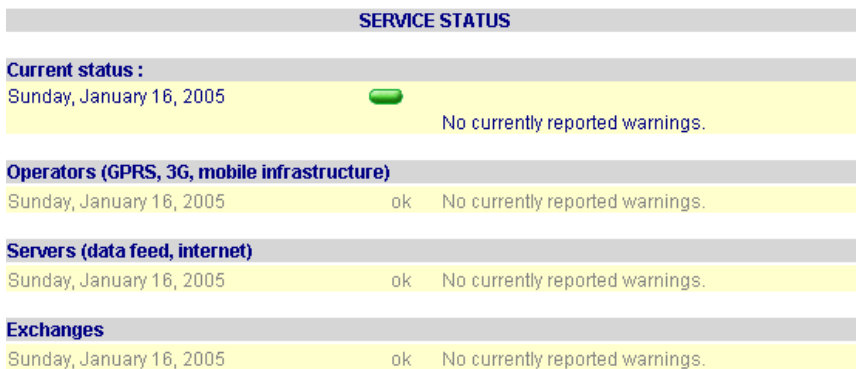
Latest News

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 user can create and/or modify pages. In order to display the account and the facilities, the user must enter the "User (Account) Name" (same name as used for the registration on the device) and a password (initially there is no password. The user can set one if needed).

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

QuoteFlash Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; 81.62.78.242 (242.78.62.81.dial.bluewin.ch); .NET CLR 1.1.4324.2400; .NET CLR 2.0.50727.3039; .NET CLR 3.0.4506.2; .NET CLR 3.5.30729.1; .NET CLR 3.0.4506.1; .NET CLR 3.0.4506.3061; .NET CLR 3.5.30729.1; .NET CLR 3.0.4506.2052; .NET CLR 3.0.4506.3061) Select (14,1) (IE5+)

Mobile Phone Financial Data Services

Site Map
[Service description](#)
[Account Management](#)

PDF Documentation
[Guide Nokia 7650-3650](#) 131892
[Guide P800](#) 377604
[Guide SE-T610](#) 135787
[ForexWatch Value List](#) 9375
[Order Form](#) 7490
[Pricing](#) 6040
[Selection NonProf](#) 17141
[Selection Prof](#) 17311
 Click to display document.
 If not displayed, right click and save in a folder.

Customer Login
[Logout](#)

Account
 TEST1 Doe John 55
 Edit

Pages

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

Add Del Edit

Page Contents

\$CHF	\$/CHF	Percent
\$EUR	Euro/\$	Percent
EURCHF	EUR/CHF	Percent
\$GBP	GBP/\$	Percent
\$JPY	\$/JPY	Percent
\$AUD	\$/AUD	Percent
\$CAD	\$/CAD	Percent
EURJPY	EUR/JPY	Percent
GBPCHF	GBP/CHF	Percent
\$XAU	\$/Gold	Percent
\$XAG	\$/Silver	Percent

(End-of-Page)

Add Del Edit Up Down

Subscribed Groups

[News]	Realtime
CBOT (Financials)	Realtime
CME (IOM)	Realtime
Currency Cross Rates	Realtime
Currency Spot Rates	Realtime
Eurex	Realtime
Euronext Futures	Realtime
Govt Bond Yields	Realtime
Interest Rates (Deposit)	Realtime
IPE	Realtime
LSE	Realtime

Instruments

\$/AUD	\$/AUD
\$/BRL	\$/BRL
\$/CAD	\$/CAD
\$/CHF	\$/CHF
\$/CZK	\$/CZK
\$/DKK	\$/DKK
\$/HKD	\$/HKD
\$/HUF	\$/HUF
\$/INR	\$/INR
\$/JPY	\$/JPY
\$/KRW	\$/KRW

SEND TO PHONE

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 assign 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).

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

- a) Highlight the page in the "Pages" section.
- b) Select the instrument group in the "Subscribed Groups" section
- c) 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 perform a **"Logout"** then a **"Login & Repeat"** to make the new settings effective on the BlackBerry.

7.3.6 Account information Editing

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



The screenshot shows a 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).