

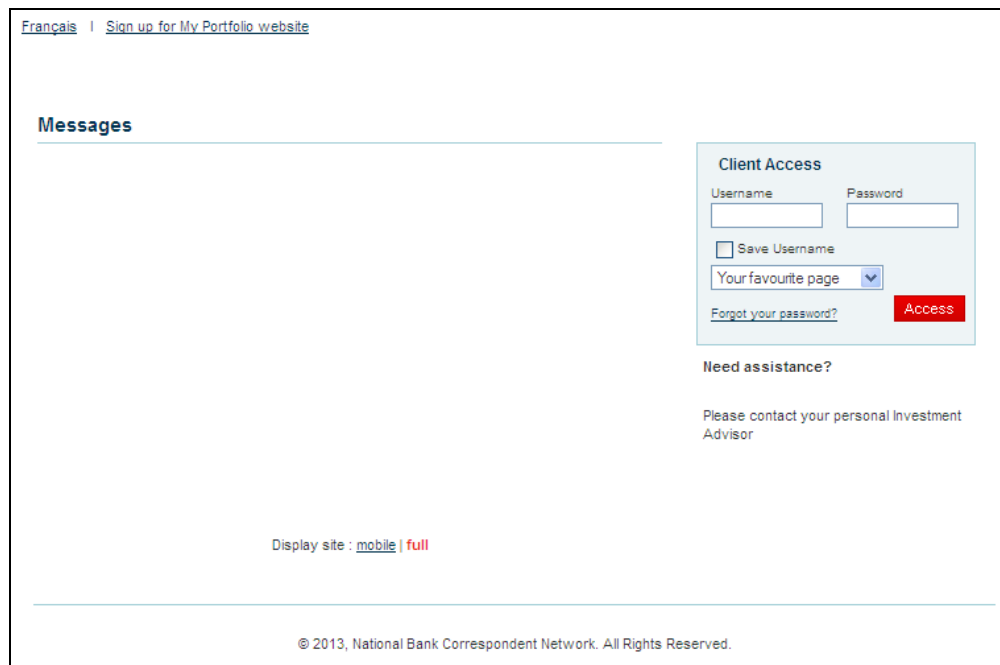
Introduction

My Portfolio enables a user to access his accounts information. The user will be able to consult a portfolio summary or details, view transaction history or view market information.

1. Log on page - <https://www.my-portfolio.ca>

This page has the following links:

- Français
- Sign up for My Portfolio website
- Forgot your password?
- Mobile



1.1 Français

This link displays the French version of the website.

1.2 Sign up for My portfolio website (*Individual Investor only*)

This link allows a client to request an online access for *My Portfolio* website. After completing all the required information, the username and password will be displayed on screen.

Sign up for My Portfolio website

Step 1 of 2 (Sign up):
Complete the following information to sign up for My Portfolio website and click on **Submit**.
For business clients, please contact your personal Investment Advisor.

Information about the brokerage account

Account number: (Enter a personal individual account)

Personal information (all fields are mandatory)

First name:

Last name:

Social Insurance Number (SIN): XXX - - XXX (Enter the 3 middle digits of your SIN)
[Why do you need my SIN?](#)

Date of birth: (yyyy-mm-dd)

E-mail address:

E-mail address confirmation:

Click on **Submit** to go to the next step.

Submit **Cancel**

1.3 Forgot your password? (*Individual Investor only*)

By clicking this link, the client will be asked to fill out some information in order to reset his password. For confirming his identity, the client will have to answer one of the three secret questions before his new temporary password is displayed on screen.

NOTE: The client must have signed on at least once on the website and must have previously selected and answered three secret questions for being able to reset his password.

OBTAIN A NEW PASSWORD: STEP 1 OF 2

Complete the following information to return to My Portfolio website.

For business clients, please contact your personal Investment Advisor.

Username:

Social Insurance Number (SIN): XXX - - XXX (Enter the 3 middle digits of your SIN)
[Why do you need my SIN?](#)

Date of birth: (yyyy-mm-dd)

Click on **Submit** to go to the next step.

Submit **Cancel**

1.4 Mobile

This link displays the mobile version of the website. It does not require any installation and is accessible with the following platforms:

- Android (version 2 and up): HTC Incredible, Motorola ATRIX, Nexus One, Samsung Galaxy, etc.
- Apple IOS: Iphone 3 and 4, Ipad.
- Rim Blackberry OS6: Blackberry Torch, etc.
- Windows phone 7.5 Mango: LG Optimum, HTC HD7, etc.

Since the mobile website is a compact version of the full website, only main features are available. Here is the list of features that are not available on the mobile website:

- Additional search criteria for account selection: account type (all, individual or other), SIN and access to Online Services
- Export of asset details into a text file.
- Export of transaction history into Text or Quicken formats.
- Sections: *Asset Allocation, Registered Accounts, Options Centre, Mutual Funds, Fixed Income, Virtual Portfolio, Alerts, RRSP calculator, Canadian Stocks, Economics & Strategy, My page, Message Centre and Map.*
- *Client History* tab in the *Electronic Documents* section.
- Modification of the secret questions and permanent password after having setting them up.
- Viewing of legal agreements after having accepting them.

2. Logging in

On the first log on, the user must change his temporary password to a permanent password. Then, he will have to select and answer three secret questions for security and confidentiality purposes. He must also read and accept the *Terms and Conditions* agreement.

3. Accounts

This tab contains the following sections:

- Summary
- Asset Details
- History
- Asset Allocation
- Registered Accounts
- Electronic Documents

Accounts	Transactions	Quotes & Markets	Tools	Analysis	
Summary	Asset Details	History	Asset Allocation	Registered Accounts	Electronic Documents

3.1 Summary

This section allows the user to view a summary of his assets. If he has multiple accounts, they will be listed in the drop-down menu.

SUMMARY
as at 2013/08/19

Account: 2Y0126

Selection	Account type	Trade date balance	Settlement date balance	Securities	Total cash and securities	Book value	Unrealized gain/loss	Available margin
Choose	Cash account (CAD)	38.36	38.36	0.00	38.36	0.00	0.00	N.A.
Choose	RSP (CAD)	24.79	24.79	365.47	390.26	361.75	3.72	N.A.
Choose	RIF (CAD)	0.00	0.00	0.00	0.00	0.00	0.00	N.A.
Choose	RESP (CAD)	0.00	0.00	0.00	0.00	0.00	0.00	N.A.
Total non-registered accounts CAD		38.36	38.36	0.00	38.36	0.00	0.00	N.A.
Total registered accounts CAD		24.79	24.79	365.47	390.26	361.75	3.72	N.A.
Total assets CAD		63.15	63.15	365.47	428.62	361.75	3.72	N.A.

Canadian dollar valuation as at 2013/08/19
Exchange rate: 1.00 USD = 1.03340 CAD as at 2013/08/19

3.2 Asset Details

This section displays the details of each asset in an account as of today's or last business day. It is also possible to export the information into a text file.

ASSET DETAILS
as at 2013/08/19

As of today's | As of last business day

Account: 2Y0126 - Cash account (CAD) CAD USD

Overview

Trade date balance	Settlement date balance	Securities	Total cash and securities	Available margin
38.36	38.36	0.00	38.36	N.A.

Detailed view

Selection	Symbol / Description	CCY	Total quantity	Average unit cost	Book value	Market price	Market value	Unrealized gain/loss
Total					N.A.		N.A.	N.A.

Delimited Account name 2Y0126A_20130819 Export

Canadian dollar valuation as at 2013/08/19
Exchange rate: 1.00 USD = 1.03340 CAD as at 2013/08/19

3.3 History

In this section, the user can view up to 6 months of history for non-registered accounts and up to 18 months of history for registered accounts. The transaction history can also be exported into Text or Quicken formats.

Accounts										
Transactions		Quotes & Markets		Tools		Analysis				
Summary		Asset Details		History		Asset Allocation		Registered Accounts		Electronic Documents
HISTORY										
Account: <input type="text" value="ZY0126 - All accounts"/>										
Display operations for the following period (processing date): <input type="text" value="1 month"/>										
Operations										
△ Accounts	△ Processing date	△ Trade date	△ Settlement date	△ Operation	△ Description/ Symbol	△ Qty	△ Price	△ Net amount		
ZY0126S	2013/08/19	2013/08/16	2013/08/16	DRIP	MACKENZIE SENTINEL CASH MANAGEMENT FUND MFC298	0.002				
ZY0126S	2013/08/12	2013/08/09	2013/08/09	DRIP	MACKENZIE SENTINEL CASH MANAGEMENT FUND MFC298	0.002				
ZY0126S	2013/08/06	2013/08/02	2013/08/02	DRIP	MACKENZIE SENTINEL CASH MANAGEMENT FUND MFC298	0.002				
ZY0126S	2013/08/01	2013/08/01	2013/08/01	Dividend	NATIONAL BANK OF CDA NA	2				1.74
ZY0126S	2013/07/29	2013/07/26	2013/07/26	DRIP	MACKENZIE SENTINEL CASH MANAGEMENT FUND MFC298	0.002				
ZY0126S	2013/07/22	2013/07/19	2013/07/19	DRIP	MACKENZIE SENTINEL CASH MANAGEMENT FUND MFC298	0.002				
Export transaction history										
Delimited <input type="checkbox"/> Account name <input type="text" value="ZY0126_20130819"/> <input type="button" value="Export"/>										

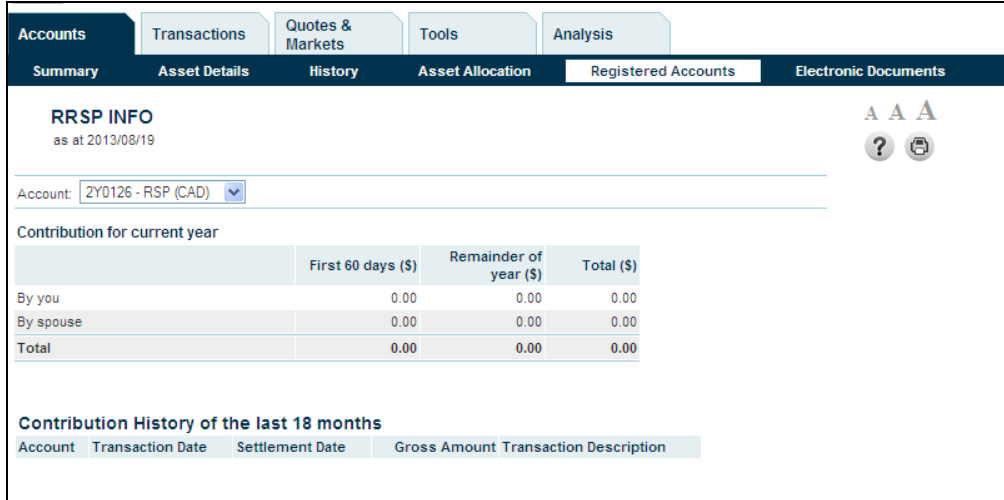
3.4 Asset Allocation

This section displays the asset mix in an individual or consolidated account.

Accounts										
Transactions		Quotes & Markets		Tools		Analysis				
Summary		Asset Details		History		Asset Allocation		Registered Accounts		Electronic Documents
ASSET ALLOCATION										
as at 2013/08/19										
Account: <input type="text" value="ZY0126 - RSP (CAD)"/>										
Asset classes		Market value		%						
Cash and equivalents		190.01		48.70						
Equities and equity funds		200.25		51.30						
Total		390.26		100.00						
Cash and equivalents										
Symbol / Description	Currency displayed	Total quantity	Average unit cost	Total cost	Unit price	Market value	Unrealized profit or loss			
Cash:										
Cash	CAD	0	N.A.	N.A.	N.A.	24.79	N.A.			
Equivalents:										
MFC298										
MACKENZIE SENTINEL CASH MANAGEMENT FUND	CAD	16,522	10.000	165.22	10.000	165.22	0.00			
Securities total	CAD			165.22		190.01	0.00			
Equities and equity funds										
Symbol / Description	Currency displayed	Total quantity	Average unit cost	Total cost	Unit price	Market value	Unrealized profit or loss			
Equities:										
NA										
NATIONAL BANK OF CDA	CAD	2	78.330	156.66	77.980	155.96	-0.70			

3.5 Registered accounts

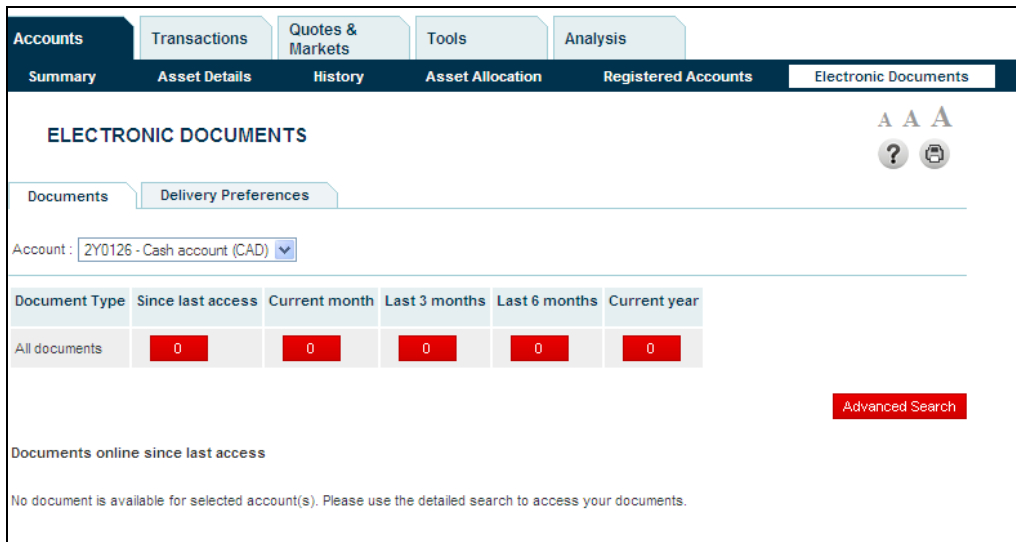
In this section, the user can monitor the contribution for the current year in the registered accounts.



The screenshot shows the 'Registered Accounts' tab selected. The main heading is 'RRSP INFO as at 2013/08/19'. Below this, there is a dropdown menu for 'Account' set to '2Y0126 - RSP (CAD)'. A table shows 'Contribution for current year' with columns for 'First 60 days (\$)', 'Remainder of year (\$)', and 'Total (\$)'. The rows are 'By you', 'By spouse', and 'Total', all showing 0.00. Below the table is a section for 'Contribution History of the last 18 months' with a table header including 'Account', 'Transaction Date', 'Settlement Date', 'Gross Amount', and 'Transaction Description'.

3.6 Electronic Documents

This section allows the user to view and download electronic documents which are kept for a period of 7 years. The user can also modify the document delivery preference for his personal accounts or accounts for which he is an authorized representative. Any change made will take effect within 1 to 2 business days. By default, the document delivery preference is set to *Paper*.



The screenshot shows the 'Electronic Documents' tab selected. The main heading is 'ELECTRONIC DOCUMENTS'. Below this, there is a dropdown menu for 'Account' set to '2Y0126 - Cash account (CAD)'. A table shows 'Document Type' with columns for 'Since last access', 'Current month', 'Last 3 months', 'Last 6 months', and 'Current year'. The row 'All documents' shows 0 in all columns. There is an 'Advanced Search' button and a message at the bottom: 'No document is available for selected account(s). Please use the detailed search to access your documents.'

4. Transactions

This tab contains the *Current Orders and Instructions* section which lists the current and expired orders as well as instructions in an individual or consolidated account.

5. Quotes & Markets

This tab contains the following sections:

- Markets
- Stocks
- Option Centre
- Mutual Funds
- Fixed Income

5.1 Markets

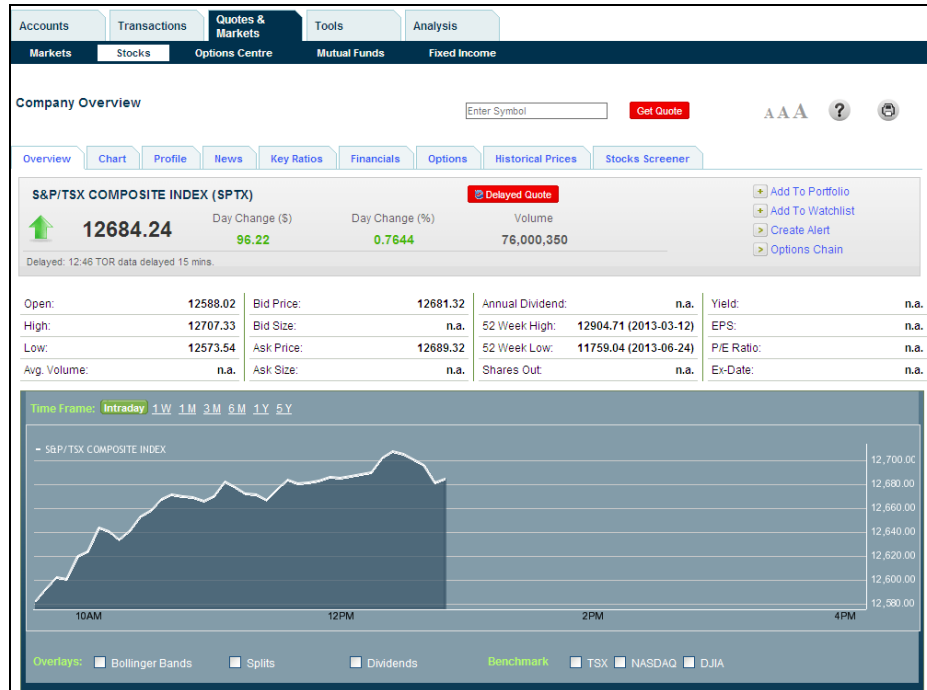
This section gives access to market information such as market overview, major indices, most active securities, market gainers and losers and main news headlines.

Index	Last trade	Change	Change %
DJIA	15,051.10	+40.36	+0.27%
DJ Trans	6,397.39	+68.76	+1.09%
NASDAQ	3,619.02	+29.93	+0.83%

5.2 Stocks

In this section, the user can:

- Obtain the quote of a particular stock by indexing its symbol or keyword and selecting the stock in the result from the drop-down menu.
- View other information relating to a specific stock such as technical charts, company profile, press releases, key ratios, overview of the company's financial situation, options and historical prices.
- Search for securities using specific criteria.



5.3 Options Centre

This section displays the option chains of a specific security and the press releases relating to the selected company.

NATIONAL BANK OF CANADA (NA)

Day Change (\$) **0.5400** Day Change (%) **0.6925** Volume **165,852**

Delayed: 12:48 TOR data delayed 15 mins.

Chain Type: Calls and Puts Options Range: All View Chain

SEP 2013

Calls							Put							
Symbol	Last trade	Change	Bid	Ask	Volume	Interest	Strike Price	Symbol	Last trade	Change	Bid	Ask	Volume	Interest
Detail	n.a.	n.a.	18.50	18.65	n.a.	n.a.	60.00	Detail	n.a.	n.a.	n.a.	0.14	n.a.	n.a.
Detail	n.a.	n.a.	16.50	16.65	n.a.	n.a.	62.00	Detail	n.a.	n.a.	n.a.	0.14	n.a.	n.a.
Detail	n.a.	n.a.	14.50	14.65	n.a.	n.a.	64.00	Detail	n.a.	n.a.	n.a.	0.14	n.a.	n.a.

5.4 Mutual Funds

In this section, the user can obtain various fund information such as the list of most actives funds (best and worst performers), the details about a specific fund, multiple types of fund search and the comparison of up to three mutual funds.

Fund	Price	Total Return %
Caldwell ICM MK Str Tr (CWF500)	\$10.36	20.78% ▲
Urbana Corporation (CWT001)	\$2.61	20.45% ▲
CIBC U.S. Small Comp A (CIB495)	\$15.06	17.85% ▲
Formula Growth Fund (—)	\$5,342.99	17.37% ▲
Dyn Power Amer Gwth Fd FI (DYN3222)	\$12.35	17.31% ▲
Dyn Power AmerGwthFd F (DYN253)	\$9.20	17.26% ▲

5.5 Fixed Income

This section lists fixed incomes product with their approximate rates of return based on the maturity and amount invested. If the user selects a specific rate of return, the corresponding fixed income inventory is shown.

Product	6 month	1 Year	2 Years	3 Years	4 Years	5 Years
Canadian Coupons	0.9%	1.2%	1.8%	2.3%	2.8%	3.0%
Corporate Bonds	0.9%	1.5%	7.1%	6.2%	13.8%	10.1%
Federal Bonds	Not available	Not available	1.1%	1.5%	1.6%	1.8%
Municipal Bonds	1.3%	1.8%	1.9%	2.3%	2.7%	2.9%
Municipal New Issues	Not available	0.8%	1.4%	1.9%	2.4%	2.9%
Provincial Bonds	Not available	0.5%	1.1%	1.6%	2.1%	2.4%

6. Tools

This tab contains the following sections:

- Virtual Portfolio
- Alerts
- Watchlist
- RRSP Calculator

6.1 Virtual Portfolio

The user can create and manage up to 10 virtual portfolios in this section. Each portfolio can contain a maximum of 20 securities. The user can also read the press releases issued on any of the securities held in the virtual portfolios.

6.2 Alerts

In this section, the user can view existing and triggered alerts. He can also create, modify and delete alerts.

6.3 Watchlist

The user can view, create, modify and delete watchlists in this section. Each watchlist can contain up to 10 securities.

Accounts	Transactions	Quotes & Markets	Tools	Analysis																											
Virtual Portfolio	Alerts	Watchlist	RRSP Calculator																												
<p>Watchlist</p> <p>Enter Symbol <input type="text"/> Get Quote</p> <p>Select: default Create New Watchlist Delete Watchlist Refresh Quotes</p> <table border="1"> <thead> <tr> <th>Symbol</th> <th>Bid</th> <th>Bid Size</th> <th>Ask</th> <th>Ask Size</th> <th>Last</th> <th>Change</th> <th>Volume</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>78.54</td> <td>100</td> <td>78.56</td> <td>300</td> <td>78.57</td> <td>0.5900 0.7566</td> <td>175,857</td> <td>13:02</td> </tr> <tr> <td>IBM</td> <td>185.57</td> <td>100</td> <td>185.60</td> <td>200</td> <td>185.58</td> <td>1.36 0.7355</td> <td>1,716,780</td> <td>13:03</td> </tr> </tbody> </table> <p>Add Symbol: <input type="text"/> Add Symbol</p>					Symbol	Bid	Bid Size	Ask	Ask Size	Last	Change	Volume	Time	NA	78.54	100	78.56	300	78.57	0.5900 0.7566	175,857	13:02	IBM	185.57	100	185.60	200	185.58	1.36 0.7355	1,716,780	13:03
Symbol	Bid	Bid Size	Ask	Ask Size	Last	Change	Volume	Time																							
NA	78.54	100	78.56	300	78.57	0.5900 0.7566	175,857	13:02																							
IBM	185.57	100	185.60	200	185.58	1.36 0.7355	1,716,780	13:03																							

6.4 RRSP Calculator

This section allows the user to run a scenario in order to determine the savings required for his retirement. A detailed retirement plan and a graph of accumulated RRSP relating to the specified scenario will also be available.

Accounts	Transactions	Quotes & Markets	Tools	Analysis
Virtual Portfolio	Alerts	Watchlist	RRSP Calculator	
<p>RRSP CALCULATOR</p> <p>Planification Results Graph</p> <p>Retirement planning</p> <p>It helps appreciate the importance of retirement planning when you consider that you may end up spending up to one third of your life in retirement. We are pleased to provide this RRSP calculator in order to make it easier for you to determine the savings required to provide the lifestyle you aspire to during retirement.</p> <p>Take a few minutes to evaluate your needs using our Retirement Planning Calculator.</p> <p>For definitions of the terms used, please refer to our glossary.</p> <p>Name: <input type="text"/></p> <p>Current annual pre-tax income: <input type="text" value="0"/></p> <p>Current RRSP balance: <input type="text" value="0"/></p> <p>Percentage of your current income that you will need at retirement: <input type="text" value="70 %"/></p> <p>Percentage of your retirement income that will be provided by other sources than your RRSP: <input type="text" value="60 %"/></p> <p>Years to retirement: <input type="text" value="30"/></p> <p>Expected number of years after retirement: <input type="text" value="25"/></p> <p>Expected average annual inflation rate: <input type="text" value="3.0 %"/></p> <p>Expected average annual compound return on your retirement savings: <input type="text" value="5.0 %"/></p> <p>In order to achieve your retirement objectives specified above, and based on the current value of your retirement savings, you will have to make the following monthly RRSP contributions from now until your projected year of retirement (please consult the glossary for details on RRSP contribution ceilings):</p> <p>This corresponds to annual RRSP contributions of <input type="text"/></p> <p><input type="text"/></p> <p>Submit</p>				

7. Analysis

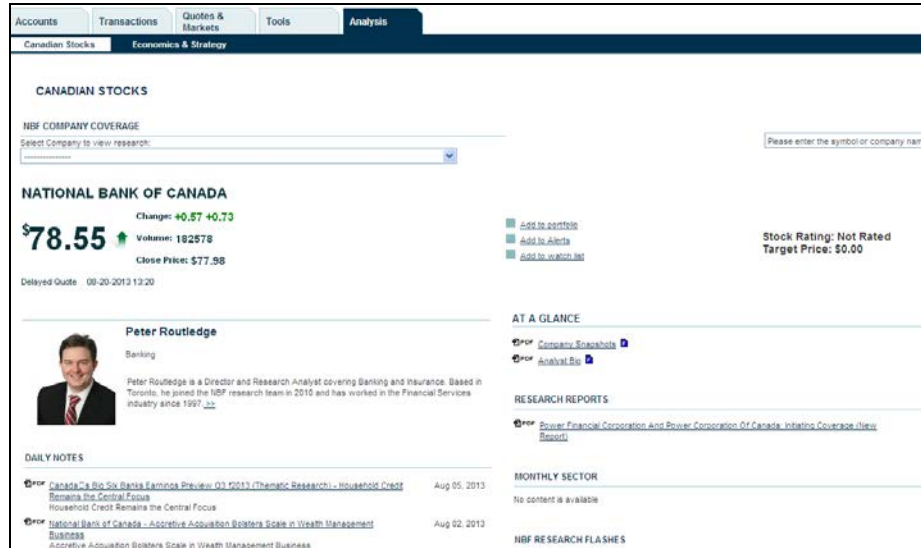
This tab contains the following sections:

- Canadian Stocks
- Economics & Strategy

Accounts	Transactions	Quotes & Markets	Tools	Analysis
Canadian Stocks		Economics & Strategy		

7.1 Canadian Stocks

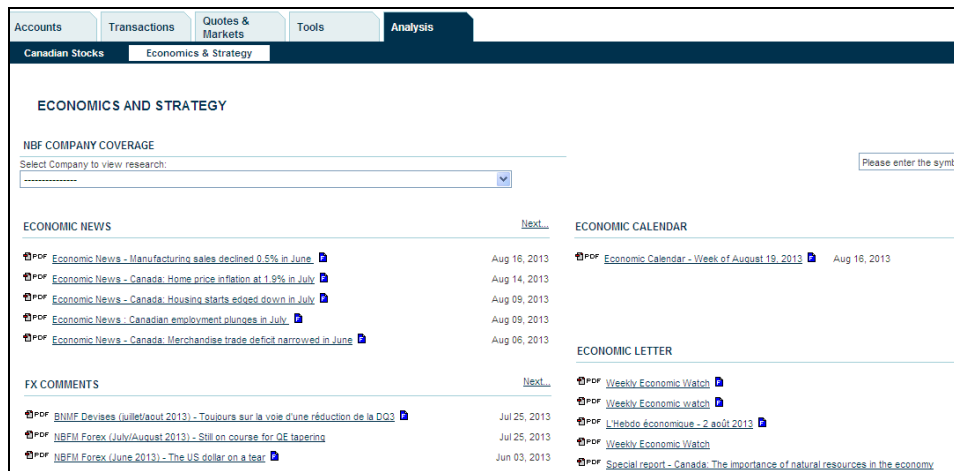
By selecting a company in a drop-down menu or by searching it by its symbol or name, the user can view the following information: Quote, Daily Notes, Company Snapshots, Analyst Bio, Research Reports, Monthly Sector and NBF Research Flashes.



The screenshot displays the 'CANADIAN STOCKS' section. At the top, there are navigation tabs: Accounts, Transactions, Quotes & Markets, Tools, and Analysis. Below these, the 'Economics & Strategy' sub-section is active. The main heading is 'CANADIAN STOCKS'. Underneath, there's a section for 'NBF COMPANY COVERAGE' with a search bar. The featured stock is 'NATIONAL BANK OF CANADA' with a current price of \$78.55, a change of +0.57, and a volume of 192578. To the right, it shows 'Stock Rating: Not Rated' and 'Target Price: \$0.00'. Below the quote is an analyst profile for Peter Routledge, a Director and Research Analyst covering Banking and Insurance. The page also features sections for 'DAILY NOTES', 'AT A GLANCE', 'RESEARCH REPORTS', 'MONTHLY SECTOR', and 'NBF RESEARCH FLASHES'.

7.2 Economics and Strategy

In this section, the user has access to a collection of documents such as Economic News, FX Comments, Budget Analysis, Economic Editorial, Economic Calendar, Economic Letter, Week at a Glance and NBF Vision Monthly.



The screenshot displays the 'ECONOMICS AND STRATEGY' section. It features a search bar for 'NBF COMPANY COVERAGE'. Below this, there are several content areas: 'ECONOMIC NEWS' with a 'Next...' link, 'ECONOMIC CALENDAR', 'ECONOMIC LETTER', and 'FX COMMENTS' with a 'Next...' link. Each section contains a list of links to various reports and news items, such as 'Economic News - Manufacturing sales declined 0.5% in June' and 'Economic Calendar - Week of August 19, 2013'.

8. Other features


The following links are available at the top of the page:

- My Page
- Message Centre
- Profile
- Contacts
- Map

- Help
- Home
- Sign Out

Welcome AP IMPORT TEST ON-LINE SERVICES
My page

Accounts Transactions Quo Mar

 | [Profile](#) | [Contacts](#) | [Map](#) | [Help](#) | [Sign Out](#)

8.1 My Page

This section displays information from different sections of the website based on the template chosen in the *Profile* section.

MY PAGE - COMBINED MODEL


Summary
Evaluation in **Canadian dollars** on 2010/08/19
Exchange rate: 1.00 CAN = 0.96020 US on 2010/08/19

Selection	Account type	Cash trade date	Securities (\$)	Total cash and securities (\$)
Choose		-188,274.59	486,681.00	298,406.41
Choose		0.00	0.00	0.00
Choose		0.00	0.00	0.00
Choose		0.00	0.00	0.00
Choose		47,897.59	10,883,413.52	10,931,311.11
Choose		129,848.72	126,574.00	256,422.72
Choose		737.00	9,688.00	10,425.00

Asset Details

Selection	Description	Symbol	Unit price	Market value
Choose	ANATOLIA CV 4.75% 30AP12	ANO.DB	104.350	5,217.50
Choose	ANATOLIA MNL5 DEV LTD	ANO	7.080	10,620.00
Choose	BANK OF AMERICA	BAC	13.560	13,560.33
Choose	BANK OF NOVA SCOTIA	BNS	50.600	40,480.00
Choose	BARRICK GOLD CORP	ABX	46.670	28,002.00
Choose	BCE INC	BCE	32.680	42,484.00

S&P/TSX Composite index (Official)



Index	Dem.	Var.
S&P/TSX	11,726.77	+16.59
DJIA	10,217.48	-53.73
NASDAQ	2,180.63	+1.68
S&P 500	1,072.44	-3.19
National Bank	57.21	+0.86

Watchlist

Symbol	Last	Change
NA	57.43	-0.52-0.90%
BBD.B	5.36	-0.12-2.19%
AIC785	9.27	-0.01-0.11%

Add Symbol

8.2 Message Centre

This section lists messages from *National Bank Correspondent Network* which inform the client about promotions, products, services, website modifications or account changes. When a new message is available, the Message Centre envelop will blink at the log on of the user to the site.

MESSAGE CENTRE

Messages

Subject	From	Date
---------	------	------

8.3 Profile

In this section, the user can customize the default *Home Page* and *My Page*, view agreements and select accounts to use in the *My Page*, *Accounts* and *Transactions* sections. The *Selection* tab is automatically displayed at log on when a username is linked to more than 10 accounts.

A A A
? ⓘ

PROFILE

Password |
 Secret questions |
 Customizable pages |
 Default account |
 Display |
 Legal agreements

By default, My portfolio identifies each portfolio by its number and that number is associated with every related account. For example, your cash account in Canadian funds will be displayed as follows:
You can personalize the display by choosing from one of the models listed below. You can also differentiate your accounts by naming them.

Choose a model:

- Account number, account description.
E.g. 66ZIN5A - Cash account (CAD) (default)
- Name of your choice, account number, account description.
E.g. Mary (66ZIN5A) - Cash account
- Name of your choice, account number.
Ex. Mary - 66ZIN5A

Enter the name you wish to give to each of your accounts.

Account	Current name	New name	Display sequence
2Y0128	2Y0128	<input type="text"/>	1 ▼
2Y0129	2Y0129	<input type="text"/>	2 ▼

Ok

8.4 Contacts

This section displays the phone number and address of the Customer service, Website technical support and Head office if the user has any questions about the website.

A A A

CONTACT US

Customer service |
 Website technical support

Please contact your personal Investment Advisor should you have any questions regarding this web site.

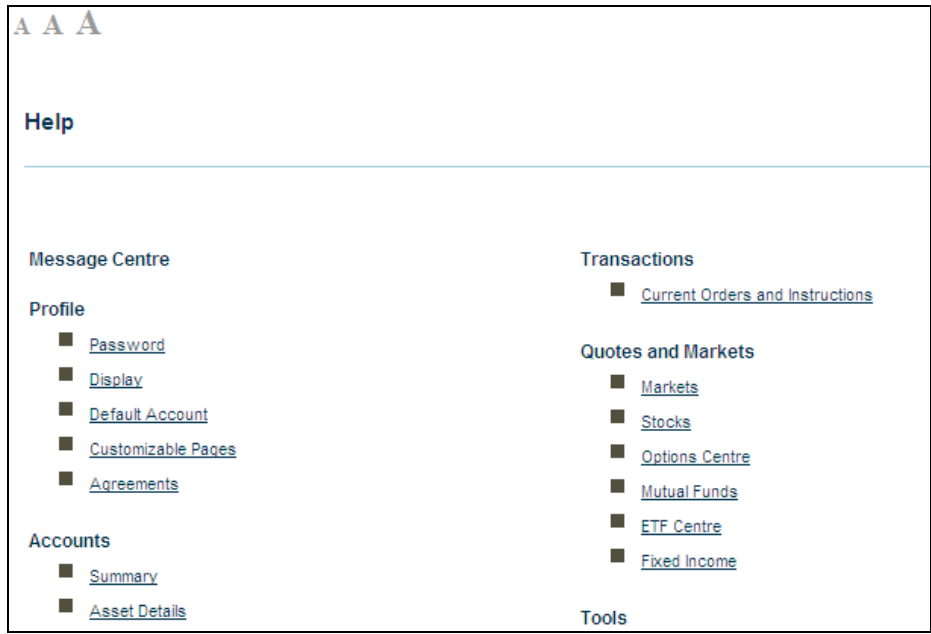
8.5 Map

In this section, the user can have an overview of all the sections of the website. He can access a specific section by simply clicking on its name.



8.6 Help

This section displays the online help for each section of the website.



8.7 Sign Out

The user can click on this link to log off the My portfolio website.