

Overview

This document describes several ways for an End-User to download a data feed file. After downloading, an End-User can open the file in any text editor or in Microsoft Excel for viewing.

<u>Disclaimer</u>

The information in this document is provided "As Is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and non-infringement. In no event shall the authors or copyright holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the information.

Contact Info

All questions and feedback regarding this document should be directed to data@marketchameleon.com

Background

Market Chameleon data feeds are available for download from a service called ShareFile which is owned by Citrix. Access to ShareFile requires an internet connection. Data feed subscribers are provided with login credentials to access ShareFile. The Market Chameleon administrator will set up ShareFile access for all subscribers using the subscriber's email address which is provided by the subscriber on the subscription agreement. ShareFile will send an email to the subscriber that contains a temporary password and directions for setting up a permanent password. During the sign-on process, ShareFile will require the end-user to accept the Terms of Use. There is no additional charge for ShareFile access.

There is a separate document titled "Programmatic Access to Market Chameleon Data Feeds" providing code samples for automating downloads of Market Chameleon data feeds.

Access Matrix

Find your platform in the table below and review ways to manually download data feeds on that platform. Note that this matrix is not exhaustive - other options exist that are not covered here.

	Desktop Platforms			Mobile Platforms		
	Windows	Macintosh	Linux	IOs	Android	Windows Mobile
Web Browser	Х	Х	Х	Х	Х	Х
FileZilla	Х	Х	Х			
Remote Drive (WebDAV)	Х	Х				
ShareFile Tools	Х	Х	Х	Х	Х	Х

Directory Structure

The data feed files are organized within directories – one directory for each feed. Inside each feed directory there are one or more .csv or .zip files that contain the data.

```
mc_feeds

| _ prod

| _ dividend_announcement
    _ dividend_forecast
    _ dividend_guidance
    _earnings
    _option_trades
```

Web Browser

You can use any web browser that is capable of downloading files.

- 1. Point your web browser to https://marketchameleon.sharefile.com
- 2. Enter you email address and password and click "Sign In"
- 3. Once your credentials are accepted, you will see the directory structure in your browser.

FileZilla FTP Client

FileZilla is a freely available desktop application for transferring files using many protocols. It runs on all popular desktop platforms. It can be downloaded here: https://filezilla-project.org/download.php?type=client

Once you've installed and launched FileZilla, follow these steps to access the directory tree:

- 1. In the Quickconnect bar, just below the menus, enter:
 - Host: marketchameleon.sharefileftp.com
 - Username: marketchameleon/[your email address]
 - Password: [your password]
 - Port: enter "990" to establish a secure connection via TLS or leave blank to establish a non-secure connection. A non-secure connection leaves a small chance that your credentials may be viewed by a third party.
- 2. Click "Quickconnect" button. If logging into a secure connection for the first time, you will be prompted to review certificate details.
- 3. You should see the directory structure on the right side of the screen in the "Remote site" section. Navigate to the desired feed file and drag it to a directory on your machine which is in the "Local site" section on the left side.
- 4. To disconnect, choose the "Server" menu and click "Disconnect".

Additional FTP client usage with ShareFile is documented here: http://support.citrix.com/article/CTX207859

Remote Drive (WebDav)

WebDAV (Web Distributed Authoring and Versioning) is a secure protocol that allows clients to manage files on a server. If WebDAV is supported by your operating system, the advantage it has over other solutions is that does not require any software to be downloaded to your machine. WebDAV allows you to map the ShareFile directory structure as a remote drive on your desktop.

The procedure for mapping a remote drive varies among platforms. Here are some:

- Windows XP and Vista: https://www.qnap.com/en-us/tutorial/con show.php?op=showone&cid=74
- Windows 10: http://www.laptopmag.com/articles/map-network-drive-windows-10
- Macintosh: https://www.webdavsystem.com/server/access/macosx
- Linux: varies according to the Linux flavor being used. Here are directions for Ubuntu: http://techiech.blogspot.com/2013/04/mounting-webdav-directory-in-linux.html

You'll need to enter a network location or address for the drive. Here are some examples:

- All Feed Directories: https://marketchameleon.sharefile-webdav.com/Shared Folders/mc_feeds/prod
- Specific Feed Directory: https://marketchameleon.sharefile-webdav.com/Shared Folders/mc_feeds/prod/{Directory Name}. Directory name can be "earnings", "dividend announcement", etc.

You'll also be prompted for your credentials. Enter your email address and your password.

ShareFile Tools

ShareFile provides a variety of tools for desktop and mobile devices that allow access to and synchronization with the data feed files. To learn more about the tools, log into ShareFile using a web browser as documented above and click on "Apps" in the menu below the Market Chameleon logo. You can contact data@marketchameleon.com and request access to the Sample Feeds and you'll be able to review ShareFile Apps features.