Accessing Historical PSX TotalView-ITCH Data via SFTP

To access PSX Historical TotalView-ITCH Data via SFTP, simply connect to ITCHData SFTP Server using your favorite SFTP client, or custom developed software using the following information:

Address : **sftp://itchdata.nasdaq.com**
Port : **21** *(default)*
Username : Your Historical TotalView-ITCH Account Username with '@psxitch' at the end
Password : Your Historical TotalView-ITCH Account Password

You can also access ITCHData SFTP Server via a web browser using the following URL format: **sftp://username:password@itchdata.nasdaq.com**

When you connect to ITCHData SFTP Server, you should see two sub-directory file folders:

SFTP Sub-Directory	Version of Historical ITCH Data	Date Range
PSXITCHFiles_v5	PSX TotalView-ITCH 5.0	Most recent three months, beginning April 8, 2014
PSXITCHFiles_v4	PSX TotalView-ITCH 4.1	Most recent three months through September 26, 2014
PSXITCHFilesArchive_v4	PSX TotalView-ITCH 4.1	Files three months or older (dating back to XXX start date,2010)

Within these sub-directories, the files will use the following naming convention:

For PSX TotalView-ITCH 5.0 and PSX TotalView-ITCH 4.1 files:

> **SMMDDYY-v#.txt.gz**
> **S** : a prefix which identifies the file as "Soup File"
> **MM** : two digit month parameter
> **DD** : two digit date parameter
> **YY** : two digit year parameter
> **v** : prefix to identify the version number
> **#** : Version number of the PSX TotalView-ITCH data formats being accessed; 50 = PSX TotalView-ITCH 5.0; 4 = PSX TotalView 4.1.
>
> **Example:** If you want to download a file for PSX ITCH Data version 5.0 from May 31, 2014, you should download the file named **S053114-v50-bx.txt.gz.**If you want to download a file for PSX ITCH Data version 4.1 from January 30, 2013, you should download the file named **S013013-v41.txt.gz.** Please note that the file extension ".gz" indicates that NASDAQ OMX used the gzip standard for data compression.

Please note that the firms should use the [BinaryFile protocol](#) to process the PSX Historical TotalView-ITCH files.

If you are experiencing problems accessing the PSX Historical TotalView-ITCH product, please contact Clientsuccess@nasdaq.com.