# DATA TRANSFER WITH THE RMV

As part of the RMV move to ATLAS, we will be transitioning your existing file delivery to the new Atlas Managed File Transfer Solution, MOVEit. This guide will provide you with information needed to successfully connect to the Atlas Managed File Transfer Solution.

**Connecting**

You will be provided with credentials as well as directory structure and URL in an email. The server requires the use of the SFTP file transfer protocol for all file exchanges. You will have a unique home folder on the server for file transfers with the RMV. A user’s home folder may not be accessed or viewed by another user.

The name of your home folder will be provided, and is the same on both the Production and QA environments.

The SFTP URLs for connecting are:

* Production: transfer.massdot.state.ma.us
* Test: transferqa.massdot.state.ma.us

Port is 22, the standard port for SFTP.

You will need to install an SFTP client to communicate with the server. Clients that are known to work with MOVEit are available here:

http://moveitsupport.ipswitch.com/moveit/doc/en/MOVEitDMZ\_GeneralInformation\_ClientSupport.htm

**Authentication**

Authentication with SSH key pairs is supported and encouraged. Keys should be RSA with a minimum length of 2048 bits. You will need to generate a key to use for authentication via your preferred clients supported method. Examples are available for OpenSSH via the MOVEit Documentation here:

Windows, you only need steps 1 through 4: <https://docs.ipswitch.com/MOVEit/Transfer2017PlusSP1/Help/Admin/en/index.htm#23692.htm>

\*NIX: <https://docs.ipswitch.com/MOVEit/Transfer2017PlusSP1/Help/Admin/en/index.htm#23835.htm>

For other clients, please see that client’s documentation for instructions on how to generate an appropriate key.

Once you have generated your key, please notify us of the public key fingerprint, then attempt to connect with your username. Doing so will provide us with the key request, and once you notify us of the key fingerprint, we will be able to accept it. Once we have accepted the key you will be able to log in.

Please note that if you need to change the key for any reason you must inform us of the new key fingerprint so we can verify on our end.

The Public Key Fingerprint will be provided in a separate document.

Note that if you require the use of Password authentication due to technical limitations, the password expires every 90 days. To request a new password, you will need to email COTS\_APPLICATION\_SUPPORT@state.ma.us with your username and company name in order to request a new password. For this reason, we highly recommend setting up key pair authentication when it is possible to do so.