Department of the Secretary of State | Bureau of Motor Vehicles

Maine E-Titling Working Group

February 22, 2024

Agenda

1. Progress Report

2. Update: File Transfer Protocol

3. Information for stakeholders

4. Upcoming meeting schedule

1 Progress Report

Progress Report

Since our last meeting:

- Completed database testing and bug fixes

- Completed user acceptance review

- Trained staff on new procedures

In progress:

- Testing with two providers

  - Expecting two more to begin testing in March and April

- Testing batch script with new encryption

2
File Transfer Protocol

MOVEit - Enterprise FTP Solution for State of Maine

- MOVEit has been the FTP solution for the State of Maine since 2011

- MOVEit allows only secure connections - sFTP (SSH – port22) and FTPs connections (TLS/SSL – port 21)

- MOVEit encrypts files in motion and at rest on the server.

- MOVEit security breach happened in May 2023 when a SQL injection happened in MOVEit's web interface.

- A user was able to impersonate a MOVEit administrator which had access to files through the MOVEit web interface.

- MOVEit files that were PGP encrypted were the only files that were not compromised.

SOS will be using sFTP connections with PGP Encryption (using gnuPG or GPG)

- A user account and folder structure has been created for the current Service Provider accounts on MOVEit DEV (ftpsdev.maine.gov) and PROD (ftps.maine.gov).

- We will need the Service Providers to provide their SSH public keys via email or by connecting to both MOVEIt sites to drop their SSH keys into MOVEit's holding tank for approval.

- We will need the Service Providers to provide their public PGP key(s) to be used for end-to-end encryption.

- Outgoing files will be encrypted prior to being placed on the FTP site using the receiving party's public key, allowing only the receiving party's Private Key to decrypt the file upon arrival to their local server.

- We are using an OpenPGP product called gnuPG on a Linux server to PGP encrypt our files. The files will be arriving with a .gpg file extension. We prefer to use this extension as it better represents the encryption software along with its default encryption algorithms.

3 Stakeholder Information

Stakeholder information

30-day pilot

Handful of lenders (N=5) for first month after Go Live

BOLO—email blast

Order the new MVT-2

LHID# list coming soon

List will update weekly

BMV will add contact for SPs to our website as each completes testing

4
Upcoming Schedule
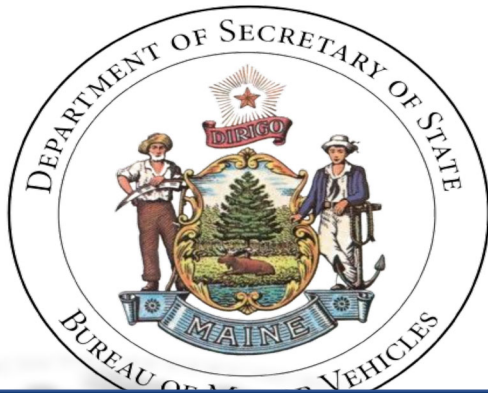
Upcoming Schedule

March 21

- Project update and info share

June 27

- Report on piloting
- Phase II preview