ENPS Server Migration

This document will guide you through the procedure for replacing your ENPS servers, including a separate Central Server if you have one, as well as installing a new Windows Server 2008 or Server 2003 operating system. You will keep the ENPS version, ENPS server names and IP addresses the same. Note: When installing the Windows operating system, you must install the 32bit version. ENPS does not support 64-bit server operating systems.

If you also wish to update your ENPS version, <u>DO NOT</u> update the ENPS version while you are replacing your sever hardware and operating system. You may update your ENPS version after you are confident that your server replacement is complete and error free.

Production Servers

1. Build your new ENPS Primary and Buddy servers off network. Install the Windows operating system using the machine names of your existing servers. You will need the ENPS Operations Guide for the full server installation instructions. If you do not have the guide, email info@enps.com to request a link to the download page.

2. Now you'll install ENPS on your servers. Make sure to install the same version of ENPS that your site is currently running. Take `WATCH.EXE` out of the Startup group on both new servers.

3. Rename the new servers to something designating them as new. Reboot the servers to have the name change take effect.

4. Bring the new servers onto the network. Install Windows service packs and patches as needed.

5. Copy current ENPS tables (`G_SUPPORT, NOM.INI, NWP.INI, TABLES.APN`) to each new server and install temporary license keys if needed. Note: If you are using AP WebFeeds, you will not have a `TABLES.APN` file.

6. Start the NWP on new Primary and Buddy server to start building wire cache.

7. Copy the contents of your H: drive (Archives drive) from the existing Buddy to the new Buddy. When archive copy is complete, stop ENPS applications on current Buddy server and copy contents of the following folders to the new Buddy:

   ```
   F:\<primarymachinename>  (minus F:\ <primarymachinename>\S_ARCHIVE)
   F:\<primarymachinename>_H
   F:\<primarymachinename>-inactive
   F:\<buddymachinename>
   ```

8. When copy is complete, shut down existing Buddy server and remove it from the domain. You'll now rename new Buddy server, giving it the name of the existing Buddy server, as well as the IP address of the existing Buddy server. And add it to the domain.Now Launch all ENPS components.

9. On the existing Primary server, go to the NOM Maintenance window and open the Buddy Process window. When the Buddy queue on the existing Primary is empty, go to the new

Buddy server and run `F:\NOM\INDEXDEL.EXE` to reindex the server. You will also add WATCH.EXE to the startup group.

10. When the re-index on the new Buddy server is complete, fail users to the Buddy and test the server (data integrity and Briefing). If all is OK, proceed to the next step. If not, call the ENPS helpdesk for immediate assistance at 1-866-ENPS-911. Note: To fail users to the buddy server, go to the Primary server, open the News Object Manager window and select the NOM Configuration window. Put a check mark in the box saying "Block Primary Access."

11. Bring the new Primary server online and copy the contents of your H: drive (Archives drive) from the existing Primary to the new Primary

12. When archive copy is complete, stop ENPS applications on current Primary server and copy contents of the following folders to the new Primary::

    ```
    F:\<primarymachinename>  (minus F:\ <primarymachinename>\S_ARCHIVE)
    F:\<primarymachinename>_H
    F:\<primarymachinename>-inactive
    F:\<buddymachinename>
    ```

13. When copy is complete, shut down existing Primary server and remove it from the domain. You'll now rename the new Primary server, giving it the name of the existing Primary server, as well as the IP address of the existing Primary server. Add the new Primary server to the domain

14. Launch the NOM in BLOCK mode (Start-->Run-->F:\NOM\NOM.EXE /BLOCK). Then launch WATCH.EXE to start the rest of the ENPS applications.

15. On the new Buddy server, go to the NOM Maintenance window and open the Buddy Process window. When the Buddy queue on the new Buddy is empty, go to the new Primary server and run F:\NOM\INDEXDEL.exe to reindex the server.

16. When the re-index is complete, uncheck the "Block Primary Access" box in the NOM window on the new Primary server and test data integrity and search. If all is OK, add WATCH.EXE back to the startup group and you're done. If not, fail users back to the Buddy and call the ENPS helpdesk for immediate assistance, at 1-866-ENPS-911.

17. The ENPS client will now update when the user launches it.

Central Server

If your site has a separate, stand-alone central server, follow the instructions below to replace that server.

1. Build new Central server, off the network, with the same machine name as the existing Central server. Install the Windows operating system, all service packs and updates. Install IIS/Index Server. Note: You must use a 32bit Windows Operating System on the Central server. ENPS does not support 64bit Operating Systems.

2. Install ENPS on the Central server. This must be the same version that your existing Central server is running.

3. Temporarily re-name new Central server. And reboot. Then bring online

4. Copy existing ENPS tables (g_support, NOM.INI, NWP.INI, tables.APN) to new Central server and install temporary license key if needed.

5. Copy the contents of the following folders from the current Central server to the new one: (this should take far less time than with production servers, also it's possible that not all of these folders will exist on the Central server)

```
F:\<primarymachinename>   (minus F:\ <primarymachinename>\S_ARCHIVE)
F:\<primarymachinename>_H
F:\<primarymachinename>-inactive
F:\<buddymachinename>
H:\
```

6. When copy is complete, shut down the existing Central server and remove it from the domain, rename the new Central server to the name of the existing Central server, reboot, assign it the same IP address as the existing Central server, add it to the domain, reboot and launch all ENPS components.

7. Call the ENPS helpdesk for a new license key, at 1-866-ENPS-911.

8. Re-index the new Central Server.