


## DVMAX Sync (Remote Processing)

DVMAXSync, introduced with DVMAX v7.5, replaces Remote Processing with a “one-click” synchronize feature that allows remote terminals and laptop workstations to quickly and confidently update records changed in the field and stay synchronize their records with data stored on the main DVMAX server.

In this chapter, “main computer” refers to the computer or server at your office or clinic that holds your DVMAX data. “Remote computer” refers to the laptop(s) or computer(s) at satellite locations.

 Be certain to follow all instructions below carefully and in the exact order they appear. Skipping or misunderstanding a step can cause **serious damage to your data**. Working with DVMAX Technical Support in the initial setup of DVMAX Sync is recommended.


### Setting Up For DVMAX Sync (Remote Processing)

The following sections will take you through the steps involved in preparing for and setting up DVMAX Sync. Again, if you have any questions, please contact DVMAX Technical Support.

#### DVMAX Sync Pre-Setup Checklist

- The DVMAX Server or "Main" Single User computer must be on a static IP.
- The synchronization takes places over a network, so both the laptops/remote terminals and your main system should be on the same network for the best experience - wired or wireless.
- DVMAX 7.5 should already be installed and running on all computers. This includes installing DVMAX Single User on the laptops to be used.

#### DVMAX Sync Step 1: DVMAX Server Setup

 If the 'Main' computer is running DVMAX Single User, you do not need to check these settings and you can skip to the next step, *Get a Copy of the Data from the DVMAX Server*.

There should not be any setup necessary on the DVMAX Server, but verify the SQL Server is running.

On the DVMAX Server:

- Click on the SQL Server tab at the top.
- Verify the Status says SQL Server is started. If it is not, click Start SQL Server.
- Lastly, Quit the DVMAX Server computer in preparation for later steps.

## DVMAX Sync Step 2: Get a Copy of the Data from the Server

The next step is to get a copy of the data from the DVMAX Server.

- Ensure the DVMAX Server program is not running.
- On the Remote Station/Laptop, get a copy of the entire DVMAX Data either through copying files over the network, or from a USB Hard drive.
- The DVMAX Server datafile is typically located in C:/DVM-AXDatabaseFiles/DVMAXDataFolder/ on Windows, or Macintosh HD:DVMAXDatabaseFiles:DVMAXDataFolder. The exact files to copy **must be** the following:

**DVMAX.4DD**

**DVMAX.4DIndx**

**DVMAX.4DSyncData**

**DVMAX.4DSyncHeader**

**DVMAX.Match**



The exact files to copy **MUST BE** those listed about. Your files may not have the name 'DVMAX' but should have all the listed extensions.

- Place the copied DVMAX Data into the Data folder on the Remote Laptop, again typically located in: Windows C:/DVM-AXDatabaseFiles/DVMAXDataFolder/ and for Macintosh, HD:DVMAXDatabaseFiles:DVMAXDataFolder
- The DVMAX Server can now be launched again, and must be running for the next step.


## DVMAX Sync Step 3: Launch DVMAX Remote and Configure




DVMAX Server must be running for this step.

- Launch DVMAX Single User on the Remote Laptop.
- If this is first time launching DVMAX, you will be given a prompt to select from a few options. Click the **Open** button.
- Navigate to the DVMAX.4DD file you saved on the computer and click **Open**.
- Log into DVMAX as Administrator with no password and click **Connect**.
- Once DVMAX has fully launched, click on the **File** menu and choose **Preferences**.
- Select **Use as a Remote Terminal** if it is not checked already and confirm the change, then click **OK** to exit **Preferences**.

- Go to the **Section** menu and while holding down the SHIFT key, click **System Constants**. From the Advanced Settings Warning dialog, read the warning then click **I understand**.

 Working in the Advanced Settings area of DVMAX is only recommended when in direct contact with DVMAX Technical Support. Be careful to follow directions explicitly.

- Select the **Functions** tab.
- Click the Execute Method button near the top right of the dialog.
- Type in **last rec fix** and click **OK**.
- A "loading data" message will appear several times. Within a minute or two you should be able to close the Advanced Settings window. If you cannot, the procedure is still running.
- From the DVMAX main window, select the **Special** menu and choose **Synchronize**.
- Type in the IP of the DVMAX Server computer, using Administrator for the username, and your correlating password. If your Administrator user does not have a password, leave it blank.
- Click the **Synchronize** button to initiate the first Synchronization between the Laptop and the Server.
- Confirm the choice and wait for Synchronization to complete. The first Synchronization could take anywhere from 5 - 30 minutes. Be patient and let it complete.

 If you receive an error almost immediately after clicking Synchronize, your settings may not be correct. Verify you've entered the right IP, Username, and Password for connecting to your server.

- When the sync process is finished, an alert will appear stating Synchronization complete. Click **OK**.
- The laptop is now ready to be used with DVMAX Sync (remote processing).

## Using DVMAX Sync

Using DVMAX with DVMAX Sync enabled is exactly the same as using DVMAX in your main office or clinic. You can use DVMAX with DVMAX Sync enabled for any length of time.

To Synchronize:

- From your laptop or remote terminal, go to the **Special** menu and choose **Synchronize**. DVMAX will first check to make sure that your version of DVMAX is licensed to use this feature.
- Select **Synchronize with Server**.
- Wait for the Synchronization to complete.