
UPDATING THE HEALTHY TEEN SCREENER APPLICATION

Upgrading to DartScreen 4.5, the latest version of the Healthy Teen Screener Software, requires updating the software on your Palms and the conduits on your syncing computer. Please follow the steps below, and contact Christina Divoll, Project Coordinator, at (603) 653-9950 or christina.divoll@dartmouth.edu if you have any questions or encounter problems during this process.

You will need administrative privileges to update the software on your computer.

UPGRADING THE PALMS

An updated version of the Healthy Teen screener software will be emailed to you in an encrypted file. The password for the file is the default password for the screener application. Save this software, Dartscreenv4.5.prc to your desktop or a folder on your computer.

STEP 1: DELETE THE SCREENER APPLICATION FROM PALM

Tap the House icon to get to the Home screen, then tap the Menu icon in the upper left hand corner, and choose Delete from the App menu.

From the list of programs that appears, tap the Dartscreen application to highlight, and then choose Delete at the bottom of the screen. Tap Yes to delete the application. Tap Done to close the Delete box when you are finished deleting applications. Do not delete the MathLib.prc or NSBSystemLib.prc.

STEP 2: USE QUICK INSTALL TO UPLOAD SCREENER TO PALM

Palm Desktop Version 4.1.4 (Windows XP):

- Double-click on the Palm Quick Install icon on your desktop, or go to Start > Programs > palmOne and open the Quick Install software from there.
- In the upper right-hand corner is a drop-down box with the names of all Palms that are synced to the Palm software on your PC. Select the name of the Palm onto which you want to load the Healthy Teen Screener application.
- When the name of the Palm appears in the box, drag the Dartscreenv4.5.prc file into the white box on the left.
- If you have more than one Palm, repeat this process for each Palm by selecting the name of the Palm from the drop-down list.
- Close the Quick Install program.

Palm Desktop Version 6.2 (Windows 7):

- Right-click on the Hotsync Manager icon in the system tray and choose "Install..." In the window that pops up, choose the name of the Palm onto which you want to load the HT Screener application from the drop-down list at the top of the window.
- Click "Add..." and browse to where you saved the files. Select all three files and click Open.
- If you have more than one Palm, repeat this process for each Palm by selecting the name of the Palm from the drop-down list.
- Close the Install Tool.

The next time you sync your Palm(s), the HT screener application will be loaded.

STEP 3: CONFIGURING THE PALMS

Once you've synced the Palms to load the new versions, the first time you start the DartScreen program, you'll be presented with a screen telling you that this screener is not a substitute for clinical decision making. Click okay to accept.

Enter the default password, "teens", without the quotes. From the main screen, tap Options/Settings and enter the password again. A list of options will appear.

Note: on the white Zire 22 model, you will need to tap the Menu Hard button (the downward-facing arrow icon under the Home icon) on the black writing area of the Palm to view the list of options.

From this list, you will be able to change the following settings:

- Set password
- Delete Record
- Purge Database
- Turn on/off StrengthQs: *four questions assessing youth strengths*
- Turn on/off Popup Msg: *short motivational messages appear to teen if they have risks for tobacco, exercise, etc.*
- Turn on/off Weight/Height: *enter in either pounds/kg and foot-inches/cm; BMI % for age reported top of summary screen. If turned on, teen must enter weight/height to complete screener.*
- Turn on/off Sex Q: *for 11-14 yr survey only, will disable question about whether teen has been sexually active.*
- Turn on/off MRN: *provides place to enter medical record number if you wish to add that ID*
- Turn on/off Study: *used only when our practice is participating in a study and is set by study staff based on eligibility criteria for research.*

For the purposes of the TXT ME study, please turn ON the study screen.

UPGRADING THE CONDUITS ON YOUR COMPUTER

To update the conduits on your computer, you will need administrative privileges.

DOWNLOADING THE NEW SOFTWARE

First, download the new versions of the conduits from the secure web portal. Log in using the name and password provided to you when you purchased the software. With version 4.5 of the Healthy Teen Screening Software, we are moving to a new server for our website. Please update your bookmarks accordingly:

- <https://www385.safesecureweb.com/okprnorg/DartWeb/NewScreener/logon.asp>

Once logged in, scroll down to the bottom of the page. You will see three install files listed:

MySQL Driver For 2010 Screener Conduits: [MySQL Driver Install File](#)

Teen Health Screener 2010 Conduit: [DartScreen Conduit v4.5 Install File](#)

Child Health Screener 2010 Conduit: [DartScreen Child v3.1M Install File](#)

Download all three files and save them to your desktop.

UNINSTALLING THE OLD VERSIONS OF THE CONDUITS

Windows XP:

Open the Control Panel and go to Add/Remove Programs. From the list of programs that appear, select the following one at a time and click the Change/Remove button next to their names to remove the files.

- Dartscreen Child v3.1 (Remove Only)
- Dartscreen Conduit v4.1 (Remove Only)

Windows 7:

Open the Control Panel and go to Programs and Features. From the list of programs that appears, select the following one at a time and click Uninstall/Change at the top of the window to remove the files.

- Dartscreen Child v3.1 (Remove Only)
- Dartscreen Conduit v4.1 (Remove Only)

INSTALLING THE NEW CONDUITS

First, install the MySQL file you downloaded earlier. Choose the default settings by clicking "Next" to progress through the installer, then "Install" to run it.

After installing the MySQL driver, double-click the Dartscreen Conduit install file. Click "Run" and it will automatically install the conduit onto your computer. It installs the conduit into your program folder by default.

Finally, repeat the steps for the Dartscreen Conduit with the Dartscreen Child install file.

Once you have installed all three files, restart your computer.

TESTING THE DARTSCREEN CONDUIT CONNECTION

Palm Desktop Version 4.1.4 (Windows XP):

1. Right-click on the small red and blue Palm hot-sync icon in your system tray (next to the system clock).
2. Select "Custom" from the popup menu and select the "DartScreen Conduit v4.5" line
3. Click on "Change" and then click on the "Data Source" button
4. Click on the "Test connection" button. If the connection is NOT successful, make sure the "Database Driver" drop-down shows "SQL Server" and try again.

Palm Desktop Version 6.2 (Windows 7):

1. Right-click on the small red and blue Palm hot-sync icon in your system tray (next to the system clock).
2. Select "Settings..." from the popup menu.
3. In the window that pops up, choose "Applications" from the left-hand menu. Select the "Dartscreen Conduit v4.5" and click the Configure button.
4. In the box that pops up, click the Datasource button.
5. Click on the "Test connection" button. If the connection is NOT successful, make sure the "Database Driver" drop-down shows "SQL Server" and try again.

The connection test must be successful in order for the Palm to sync with the database.

FIREWALL SETTINGS FOR THE DARTSCREEN CONDUITS

If you have an institutional firewall, take the following steps to make the Screener data sync with the database:

*At each sync operation, the Palm will make a standard ODBC call to the following MySQL server: **elm.safesecureweb.com (204.12.119.4) on port 3306**. The most straightforward solution to allow PDA synch through an institutional firewall is to add an "allow inbound" rule for the IP address: 204.12.119.4 (elm.safesecureweb.com) in the firewall protocol.*

Give this information to your local network administrator and request that communication with the above server and port is allowed by the firewall.

