
Upgrading the Genotrack Server

Halogenics Technote #9

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Installing a new version of Genotrack over an existing Genotrack Server Installation

This technote will walk you through the process of upgrading your Genotrack server installation.

Preparation

Before you upgrade the server, you need to shut down the existing server, and create a backup copy - just in case something goes wrong.

Shut down the existing server

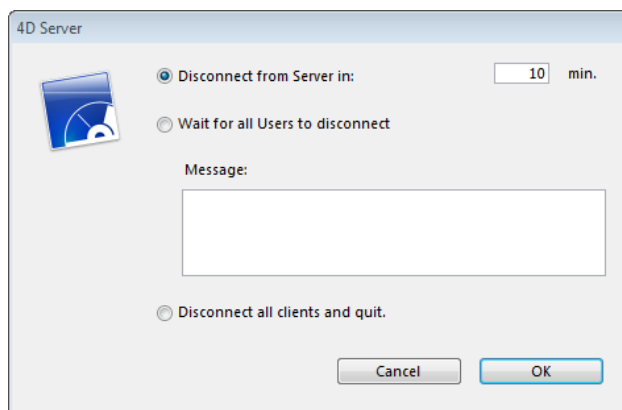
This will be done one of two ways, depending on how you are running the software.

Running the Server as a GUI Application

1. Use the Server Administration Console to check if anyone is still logged in. If so, you may want to use the Send Message functionality to let them know you're about to shut the server down, and they should save their work and disconnect ASAP.
2. When ready, simply click the Close Box or select Quit from the File menu.

You will be presented with the server exit dialog, which looks like this:

Figure 1. The Server Exit Dialog



Choose the appropriate option - probably the Wait for all users to Disconnect option is best, as it allows you to send a message with the shutdown notification.

With this option, if no users are connected, the server will shutdown immediately, otherwise it will wait until they've disconnected then shut down. The other options are less client friendly, dropping user connections after the specified period and shutting down.

Running the Server as a Service (Windows)

1. Login with the Genotrack Client application as an administrator user

2. Use the Server Administration Console (accessible by selecting Administration Window from the Help menu) to check if anyone is still logged in. If so, you may want to use the Send Message functionality to let them know you're about to shut the server down, and they should save their work and disconnect ASAP.
3. Using the Services control panel, locate the 4D Server: Genotrack service, as shown:
4. Click Stop - Any connected users will receive a terse message telling them the server is closing down.

Backup the server Database folder

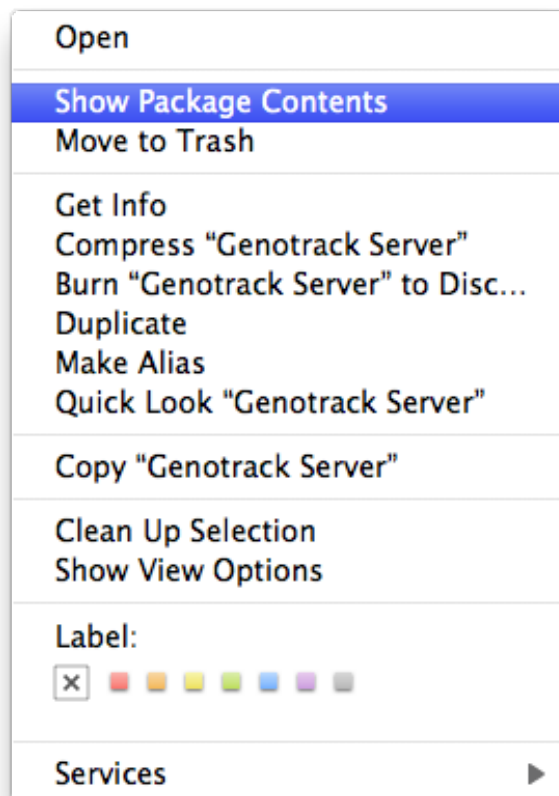
On Windows

1. On Windows, open the Genotrack Server folder and locate the Server Database folder.
2. Make a copy the Server Database folder - you can Right Click and select Send to then Compressed (zipped) folder to create a zipped copy.
3. *Move this copy to a safe location* - if anything goes wrong with the upgrade this folder contains all the personalisation and data from your installation.

On Mac

1. Right Click or Control+Click on the server application - you should see a contextual menu similar to that shown below:

Figure 2. The contextual menu on Mac OS when performing Right Click or Control+Click on the server application



2. Select Show Package Contents - you should now see the internal file structure of the application.

3. Make a copy of the `Server Database` folder - you can Right Click or Control+Click and select Compress "Server Database" to create a zipped copy.
4. *Move this copy to a safe location* - if anything goes wrong with the upgrade this folder contains all the personalisation and data from your installation.

Install the new version of the server

First, delete the old server application.

Installing the new version of the server is a simple matter of dragging and dropping the new version into the desired location, either from the downloaded DMG (Mac) or zip file (Windows).

For more detailed instructions on server installation, see Technote 5 - Installing the Genotrack Server [http://www.halogenics.com/support/technotes/HTN5_Server_Installation.pdf]

Transferring your existing data to the new server

You will need the following files copied into the new `Server Database` folder in the new server application.

Locate the `Server Database` folder (as you did before to back it up) in the new server application.

From the backup you made earlier, copy the following files into the new `Server Database` folder:

- `Genotrack.4DD` - the data file
- `Genotrack.journal` - the current log file
- `Genotrack_preferences.xml`
- `Preferences` - this folder contains your server configuration, backup options and other operational settings.



Is your datafile personalised?

In some cases, the datafile may have a slightly different name - possibly of the format: `Genotrack_YourCompany.4DD`

Look for the `.4DD` extension - that's the file you want.

Note also that the log file will be called `Datafile.journal`, so if your datafile has a different name, so too will your log file.

All done!

That's it - launch the server as you normally would. If you get a message about the logfile not matching, create a new file and replace the old one you copied - as you shutdown gracefully, this should not cause any problems.

When you login with the client application, you should now see the new build number in the top of the login dialog.

As always, if you have any problems, please contact Halogenics support via [<support@halogenics.com>](mailto:support@halogenics.com)