eTAKEOFF

eTakeoff V8.0 Dimension
and Client/Server V12 Conversion

Major releases of eTakeoff often require conversion of the databases. In the client/server environment this requires a coordinated effort. **The databases must be converted while they are not in use.** All clients must be upgraded to the new releases before they can access the converted data.

Upgrading to **version V8.0 of eTakeoff Dimension** for Client/Server users requires two significant changes:

- The **Client/Server** software itself must be upgraded to **version V12**.
- There is a database conversion required for Dimension. **For Client/Server users this must be done on the server.**
- Dimension databases will require anywhere from 20 minutes to several hours <u>each</u> to convert to the new versions' format. **The timing is dependent on the size of the database files, the speed of the CPU, the size of the RAM and the speed of the disk drive.**
    - For example, it took 30 minutes to convert a 3.8 GB file on an Intel(R) Core(TM) i7-11800H@ 2.30GHz , 8 Cores, 16 GB Memory, SSD Drive.

Because we have little or no knowledge of your network configuration, we require that the customer have a network administrator to perform this upgrade. **Please forward this email to your network administrator.**

The steps below lay out the upgrade procedure.

On a Workstation or User Login in a Terminal Server Environment

1. You will need to know where the Dimension Database files are located.
    - Connect to a workstation or a User Login (Terminal Server) that uses the client/server configuration.
    - Open Dimension.
    - Click on File/Help/About the Application – The location of the Database files **on the server** is shown in the white section of the window below. **NOTE:** The Dimension Data Folder should show "**ON SERVER**" (otherwise, Dimension is running in Local mode on the computer).
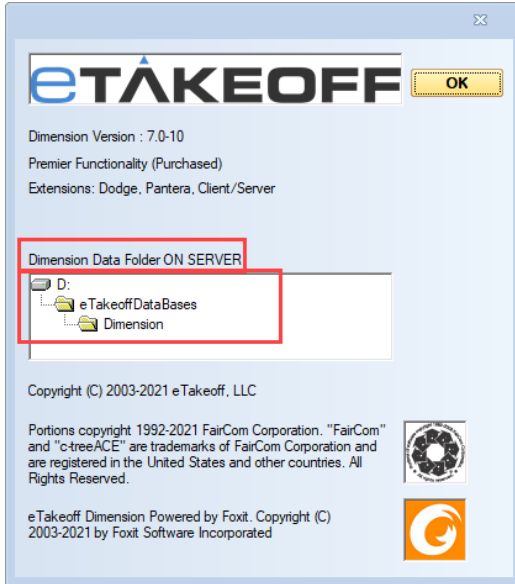
2. Have all users exit out of eTakeoff Dimension

On the Server
1. **Make a copy of the C:\Faircom folder before you begin.**
2. Stop the ctsrvr.exe process by doing the following:
   - Navigate to the C:\Faircom\eTkoServer folder on the server.
     - Right-click on the ctstop.exe file and select "Run as Administrator"
     - Administrator User ID : ADMIN
     - Administrator Password: ADMIN (is the default)
     - Server Name: ETKOSRVR
3. Right-click on the ServiceDelete.bat and select "Run as Administrator".
4. Verify in task manager / Services that the Windows Service, "eTakeoffServer" does not exist.
5. Upgrade the client/server install package to the Server.
   - Go to https://etakeoff.com/support/dimension/software-install-links-ServerV12/ .
   - Click on "eTakeoff Server V12 - NEW or UPGRADE Install". This install will work for new installations or upgrades.
   - ***Run the client/server install file as Administrator.***
6. Delete your old license activation files. (You have a backup copy of the files from Step 1.) **Note:** the license files have names *like "ctsrvr#####.lic" and "ctsrvr#####{Company Name}.pdf".*
7. Copy your new license activation files to the server software folder, "C:\Faircom\eTkoServer". Note: the license activation files were emailed to the main contact of your company.
8. Modify the DimensionDump12.txt script and your backup procedures to reflect the new database names. For example, upgrading Dimension from version 6 to version 8 would mean making these changes. Click Here for more information.

Version 6 Name	Version 8 Name
Dimension60ProjData.ctr	Dimension80ProjData.ctr
Dimensio60StdsData.ctr	Dimension80StdsData.ctr

9. Convert Dimension database files to V8.0 – **NOTE:** Dimension databases will require anywhere from 20 minutes to several hours <u>each</u> to convert to the new versions' format. **The timing is dependent on the size of the database files, the speed of the CPU, the size of the RAM and the speed of the disk drive.** For example, it took 30 minutes to convert a 3.8 GB file on an Intel(R) Core(TM) i7-1800H@ 2.30GHz, 8 Cores, 16 GB Memory, SSD Drive.
   - Click on eTkoDBCvt.exe
   - Verify that the Conversion Folder is the folder where the Dimension database files are located.
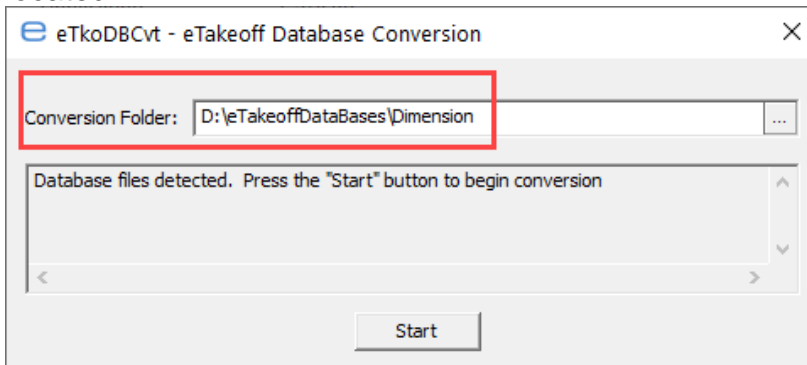
   -
   - Click the Start button
   - **If you receive an error**,
        i. [Click here](#) to troubleshoot CTree Error 14(0)
        ii. [Click Here](#) to troubleshoot "Dimension##ProjData0015.ctr" already exists.
        iii. Click on eTkoDBCvt.exe

10. Create a Windows Service for C:\Faircom\eTkoServer\faircom.exe
    - Right-click on the ServiceCreate.bat and select "Run as Administrator".
    - Right-click on the ServiceStart.bat and select "Run as Administrator".
    - Verify in task manager / Services that the Windows Service, "eTakeoffServer" exists and is running.

<u>On Each **Workstation** and on **Terminal Server**</u>

Download and install the latest version of eTakeoff Dimension. Go to https://etakeoff.com/support/dimension/software-install-links-ServerV12/ and click on "eTakeoff Dimension v8 - UPGRADE Install (for existing users)"

Technical Assistance:

[Click here](#) if you would like the full Client/Server Installation & Configuration document.

Please click on the link below to access our Dimension Support Center and search for answers to your questions.

[eTakeoff Dimension Support Center](#)

If you need assistance, contact eTakeoff support [here](#).