

GEOSYSTEM SOFTWARE - TECH TIP SHEET

HOW TO UPDATE CONSTRUCTION QUALITY CONTROL - FIELD DENSITY

Normal update: Normal updates do not involve a changed factory default structure. Follow these steps for a normal update:

1. Download the update installer from www.geosystemsoftware.com/updates/cqcfduptdates.htm.
2. Download the latest PDF manual if it is newer than the one currently in the CQC-FD program folder.
3. Run the update installer (a program named FDUPDATE.EXE).
4. The update installer will ask where to install the update, navigate to and select the folder that is used by CQC-FD.

Database Structure Change update: Data structure change updates are handled the same as a normal update *unless* the custom style (Crystal) reports are being printed. If that is the case some additional work is required. Follow these steps for a database structure change update:

1. Be certain that a database structure change is part of the update. To do so read the update page carefully. It will say something like

Latest CQC-FD Update: Version: 1.1.85 posted 9/12/2005

NOTE: The version 1.1.85 update involves a database structure change, please read the document "[Tip Update CQC-FD.pdf](#)" for additional instructions if your copy is older than 1.1.85

Check your current CQC-FD version number (Help->About) to determine if your version is older than the noted version number of the database structure change update. If it is, these instructions apply.

2. If you are using a custom Crystal Reports report template, contact VES for an updated report template before performing the update. There will be a cost associated with the updated form.
3. Back up your entire CQC-FD program folder, in the event of difficulties updating, you will be able to revert to the previous version until the update problem is resolved.
5. Download the update installer from www.geosystemsoftware.com/updates/cqcfduptdates.htm.
6. Download the latest PDF manual if it is newer than the one currently in the CQC-FD program folder.
7. Install the update by running the update installer (a program named FDUPDATE.EXE).
8. The update installer will ask where to install the update, navigate to and select the folder that is used by CQC-FD.

9. Run CQC-FD and verify that the update was successful (Help->About and check that the version number matches that noted on the download web page).
10. Click on Tools->Density Database Structure
11. Click on Options->Enable Administrator Level Capabilities and enter OK as the PW.

If you are using a density database which you have customized:

12. If you are using a customized density database, add the fields that are designated as "New Fields" on the update web page, and make changes needed to fields that are listed but not designated as new. More information about how to do this is in section 6.4 of the CQC-FD User Manual. Then click on Options->Save as Default Structure.

If you are *NOT* using density database which you have customized:

12. Click on Options->Restore Factory Default structure. Click on Yes.
13. Click on Options->Impose Default structure. Click on Yes.

Updating projects after a database structure change update:

For each project that you subsequently open, you will need to apply the new database structure. If you are using Crystal Reports reports, this must be done before you preview or print any reports.

1. Back up all of your GEOSYSTEM projects, as a precaution against a failed database structure change.
2. Open the Field Density module (CQC-FD) for the project.
3. Click on Tools->Density Database Structure
4. Click on Options->Enable Administrator Level Capabilities and enter OK as the PW.
5. Click on Options->Impose Default structure. Click on Yes.
6. Repeat steps 2-5 for all current projects that are likely to be used in the future. Remember to do this if you ever open any projects that you do not update now.

See Section 6.5 of the CQC-FD User Manual for more information about imposing database structures. This is somewhat complicated so feel free to contact tech support if anything is unclear.