



Optimize Fleet Productivity

## How to Move an Existing CFAWin8 to a New Server

### Must install and configure Microsoft SQL Server 2005 or newer to run CFAWin8!

- Set collation sequence on the new SQL server to: **SQL\_Latin1\_General\_CP1\_CI\_AS**
- Set security to: **SQL Server & Windows Authentication Mode**
- Ensure the **SQL Server Browser** service status is set to Running and the Startup type to be Automatic.
- Workstations communicate with the SQL server using TCP/IP port. Identify the port number using the SQL Server Configuration Manager and ensure this port is not blocked on the SQL server or workstations.
- *Verify CFAWin8 runs properly from clients on the new server **BEFORE** removing CFAWin8 from the old server!*

#### I. Set up the SQL server database on the new SQL server:

1. *Create new SQL Database on the new SQL Server*
  - i. Use the same database name from the existing SQL Server
2. *Backup CFAWin8 Database*
  - i. Backup the SQL database from the old server
  - ii. Copy the backup(.bak) file into the backup folder on the new SQL Server
3. *Restore CFAWin8 Database*
  - i. Restore CFAWin8 on the new SQL Server
  - ii. Select source
    - Source for Restore -> From Device -> Elipses (button) -> Add -> **Use the backup(.bak) file from step b.**
    - Check Restore box
  - iii. Modify Options
    - Select a Page -> Options -> Check Overwrite The Existing Backup (WITH REPLACE)
4. *Delete **cfa-sqlserver** user*
  - i. Delete the user from restored database -> Security
5. *Create new **cfa-sqlserver** login*
  - i. Create New Login in SQL Server -> Security
    - Use the same password from the old SQL server (**see CFAWin8\wksetup -> CFAWIN8.INI file on old server for password**)
    - Make sure that enforce password policy is unchecked.
    - Assign roles: Select a page -> User Mapping -> Select Database -> Assign public and db\_owner roles
  - ii. Assign **View Server State**
    - Select a page -> Securables -> Select Server -> Grant View server state

#### II. Install CFAWin8 on new Application Server (Running .NET Framework 2.0 SP1, 3.0, or 3.5):

- **.NET Framework 2.0 SP1, 3.0, or 3.5 MUST be installed. Server may require a reboot after installation.**
1. *Run SQL Server Client Network Utility and Enable Protocols*
    - i. Start -> Run -> type cliconfg.exe
    - ii. General Tab -> set TCP/IP & Named Pipes as Enabled Protocols
  2. *Create CFAWin8 folder*
    - i. Create the new folder on the local disk (C:) of the new server
    - ii. Replicate share and security permissions from old Application Server
    - iii. Create subfolder named Updates
  3. *Copy and Run CFAWin8\Updates folder*
    - i. Copy CFAWin8\Updates folder from the old server to the new server (example: CFAwin8101183rev2897.exe)
    - ii. Run the installation file on the new server
      - Choose CFAWin8 folder as the destination folder
      - Choose Non-Dedicated Server to use the server as a workstation, otherwise choose Dedicated server



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4. *Replace folders*
  - i. Copy CFAWin8\Data, CFAWin8\Reports, & CFAShopFloor (if applicable) from the old server and replace them on the new server

### III. Linking the database and the application for the new installation:

1. *Edit the Data Path*
  - i. Open COMPMAST table in the CFAWin8 SQL Database and edit the Data Path field to point to the \CFAWin8\Data\ folder
    - A back slash is required at the end of the path
2. *Copy and Edit CFAWin8.ini file*
  - i. Copy CFAWin8.ini file from the \wksetup folder of the old Server and replace it in the same folder on the new server
    - Copy to the Windows Folder on the Local Disk (C:) too if the server is configured as a Non-Dedicated Server
  - ii. Edit CFAwin8.ini file
    - Update [Database] -> **Server** name to the new SQL Server.
    - Update [LocalEXE] -> **ServerEXEPath** to the CFAwin8 exe on the new Server
3. *Edit StartCFAShopFloor.vbs file*
  - i. Edit \CFAWin8\CFAShopFloor\StartCFAShopFloor.vbs file
    - sDir = '**newserverpath**'
4. Edit CfaShopFloor.exe.config file
  - i. Edit connectionString="server=**newserver**" in both of the following file locations:
    - \CFAWin8\CFAShopFloor\CfaShopFloor.exe.config
    - \CFAWin8\CFAShopFloor\published\CfaShopFloor.exe.config

### IV. CFAWin8 Existing Workstations (running .NET Framework 2.0 SP1, 3.0, or 3.5):

- **Workstations should be reinstalled when application servers are moved**
1. *Replace CFAWin8.ini files*
    - i. Replace the CFAWin8.ini file on **all workstations** with the CFAWin8.ini file from CFAWin8\wksetup folder on the new server
    - ii. **IF THE FILE EXISTS delete the CFAWIN8.INI file from the C:\Users\user\AppData\Local\VirtualStore\Windows folder; 'user' = name of user using that workstation.**
  2. *Verify all shortcuts*
    - i. Update the CFAWin8 & CFAShopFloor shortcuts on **all workstations** to point to the CFAWin8 application on the new server
  3. *Verify login*
    - i. Launch CFAWin8 from a workstation and ensure you are able to login to the application

### V. Update Fuel Transaction Interface (FTI) file paths (ONLY if you have an FTI with the Fuel File location and/or the CFAWin8 Server Application being moved):

1. *Update file paths*
  - i. Navigate to *Import\_Fuel.CFG* file in \CFAWin8\Reports\Custom\_XXXXX OR Custom\_Profile\_XX folder
  - ii. Open in notepad and edit each path accordingly
    - 'FuelTranPath' = Location of fuel files for importing into CFAWin8
    - 'DefinitionsPath' = Location of *fuidefs.txt* found within the same folder
    - 'LayoutPath' = Location of *fulayout.txt* found within the same folder
2. *Copy Fuel EXE*
  - i. Review the 'AutoFuelExe' listed in *Import\_Fuel.CFG*
  - ii. Copy the listed .exe from the original \CFAWin8 folder to the new \CFAWin8 folder

**Contact CFA Software Support for further assistance if any issues are detected!**