



Optimize Fleet Productivity

## CFAWin8 Custom Report Writer

All reports in CFAWin8 are written in Crystal Reports XI. Reports created or modified using Crystal Reports XI can be designed to run within CFAWin8.

### Installation Considerations

Register CFAWin8 with the Custom Report Writer product option checked. Contact CFA Software to register the changes. Install Crystal Decisions' Crystal Reports XI.

### Report Creation

Custom Reports must follow the CFAWin8 convention and be driven by a Key Sort Table. The choice of the Key sort table depends on the type of report being created.

In addition, a specific report file naming convention must be used and based on the Key Sort table used in the report.

### Report File Naming Conventions

<u>Report Type</u>	<u>Report File Name</u>	<u>Key Sort Table</u>
Equipment Table	EQM*.RPT	RPTVIEW_EQP
PM Efficiency	EQX*.RPT	RPTVIEW_EQP
Repair Transactions	EQR*.RPT	RPTVIEW_EQP
Repair Transaction Summary	EQRSUM*.RPT	RPTVIEW_REPSUMM
Fuel Transactions	EQF*.RPT	RPTVIEW_EQP
Fuel State Tax Transactions	FTA*.RPT	RPTVIEW_WARR
Inventory Table	PTM*.RPT	RPTVIEW_INV
Inventory Transactions	PTT*.RPT	RPTVIEW_INV
Inventory PO/Receipt Transactions	PTP*.RPT	RPTVIEW_INV

- Linking must begin from the Key Sort Table extending to the primary data table used in the report.
- Sort table, Company Master File (COMPMAS.T), and at least one of the data tables must be used in order to use CFAWin8's sort and filter capabilities.
- CFAWin8 database provides **vw\_ALLRPT\_XXX** views that combine transactions from both Current and Life to Date tables. Required view(s) must be included in table selection for transaction reports.
- **Custom reports *CAN NOT* have the same file name as a standard CFAWin8 report and must be stored in the CFAWIN\REPORTS\CUSTOM\_XXXXX directory where XXXX is the Company ID.**
- All date fields within CFAWin8's data fields are stored as a string in this format: YYYYMMDD. Therefore, they must be rearranged through string functions for the desired display.
- Sorts and filters hard coded into the report within Crystal Reports will supersede sort and filter options selected when running the report in CFAWin8.
- When modifying one of CFAWin8's existing reports, **copy** the existing CFAWin8 \*.RPT file to another file name using the above Report File Naming Conventions to maintain the integrity of existing CFAWin8 standard reports.



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### Running Custom Reports within CFAWin

- In order for custom reports to appear in the CFAWin8 System Reports menu, they must be saved in the appropriate CFAWIN\REPORTS\CUSTOM\_XXXXX directory.
- Create/Edit (via Word, Notepad, Command Prompt, etc.) the custom report configuration file RPTLIST\_CUSTOM\_CFA.CFG as follows:
  1. Create a file named **RPTLIST\_CUSTOM\_CFA.CFG**.
  2. Save the file to the CFAWIN\REPORTS\CUSTOM\_XXXXX directory.
  3. Edit the file contents to include the Report Title, Report File name, build view and output destination for each custom report, using the following format:

```
[<Report Title>
RptFilename=<*.rpt>
BuildView=Yes
OutputDest=Display
```

**Example:**

```
[Repair Parts Cost]
RptFilename=eqrpartcost.rpt
BuildView=Yes
OutputDest=Display
```

4. Save the file.