

# Shimadzu LabSolutions Connector Plugin

The screenshot displays the Diablo EZReporter 4.0 application window. The interface includes a menu bar (File, Tools, Help), a toolbar with icons for Open Data File, Reprocess, Print Report, Save Report, Export, Load Configuration, and Edit Configuration. Below the toolbar are tabs for Sample Results, Parameter Monitor, Results Database, and Sample Processing. The main content area is divided into several sections:

- Sample Information:** A table showing details for the current sample.
 

Sample Information	
Sample Name	GPA 2172-09 Calculation Check at 14.696 psia
Report Date	2015-01-27 12:06:23
EZReporter Configuration File	GPA 2172-09 Calculation Check at 14.696 psia.cfgx
- Component Results:** A table listing the components of the sample.
 

Component Name	Norm%	Norm Mol% (Sat.)	Norm Mol% (Wet)	Weight% (Dry)	Weight% (Sat.)	Weight% (Wet)	Gross H (BTU / Ide)
Water	0.0000	1.7447	1.6180	0.0000	1.5538	1.4408	
Helium	0.0300	0.0295	0.0295	0.0059	0.0058	0.0058	
- Results Summary:** A table providing a summary of key results.
 

Result	Dry	Sat. (Base)	Sat. (Flowing)
Total Raw Mole% (Dry)	100.0000		
Pressure Base (psia)	14.696		
Temperature Base	60.0		
- Errors and Warnings:** A table with columns for Type, Source, and Description, currently empty.

The status bar at the bottom of the window displays the file path: GPA 2172-09 Calculation Check at 14.696 psia.cfgx.

Diablo Analytical EZReporter Software  
**EZReporter 4.0 Shimadzu LabSolutions Connector Plugin**

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# Shimadzu LabSolutions Connector Plugin

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## Getting Started

This document describes how to configure the Shimadzu LabSolutions (or GCSolutions) chromatography data system and the EZReporter 4.0 LabSolutions Connector Plugin so that results can be processed by EZReporter automatically at the end of each run.

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## Configure LabSolutions

The Diablo EZReporter software supports automated processing of calibrated, external-standard peak results generated by the Shimadzu LabSolutions data system.

**Important:** In order to process results from the Shimadzu LabSolutions data system, you must first make sure that the component names in the EZReporter component settings table match the peak names in the LabSolutions calibration tables. For example, if a compound is named "Hexane" in the LabSolutions calibration table, it must also be entered as "Hexane" in the component settings table (not "n-Hexane", or "nC6").

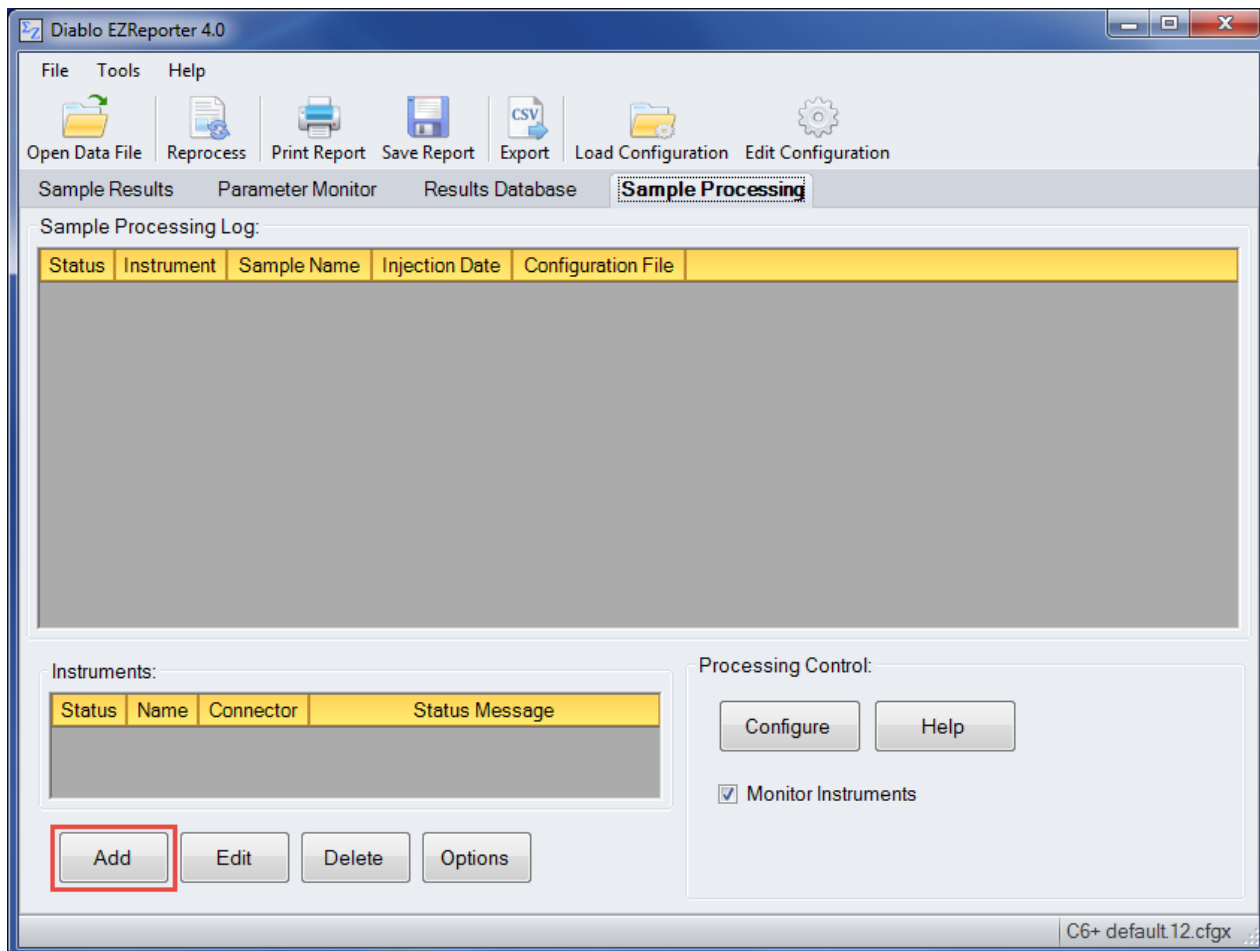
## Configure LabSolutions for Data Export

1. Configure LabSolutions to export results at the end of the run to an ASCII text file. Refer to the LabSolutions documentation for instructions.
2. Make note of the folder where the exported text files are saved.

# Configure the EZReporter Instrument

## Add an Instrument

First, you must add and configure an instrument. Switch to the “Sample Processing” tab of the main window, and click the “Add” button below the instruments table.

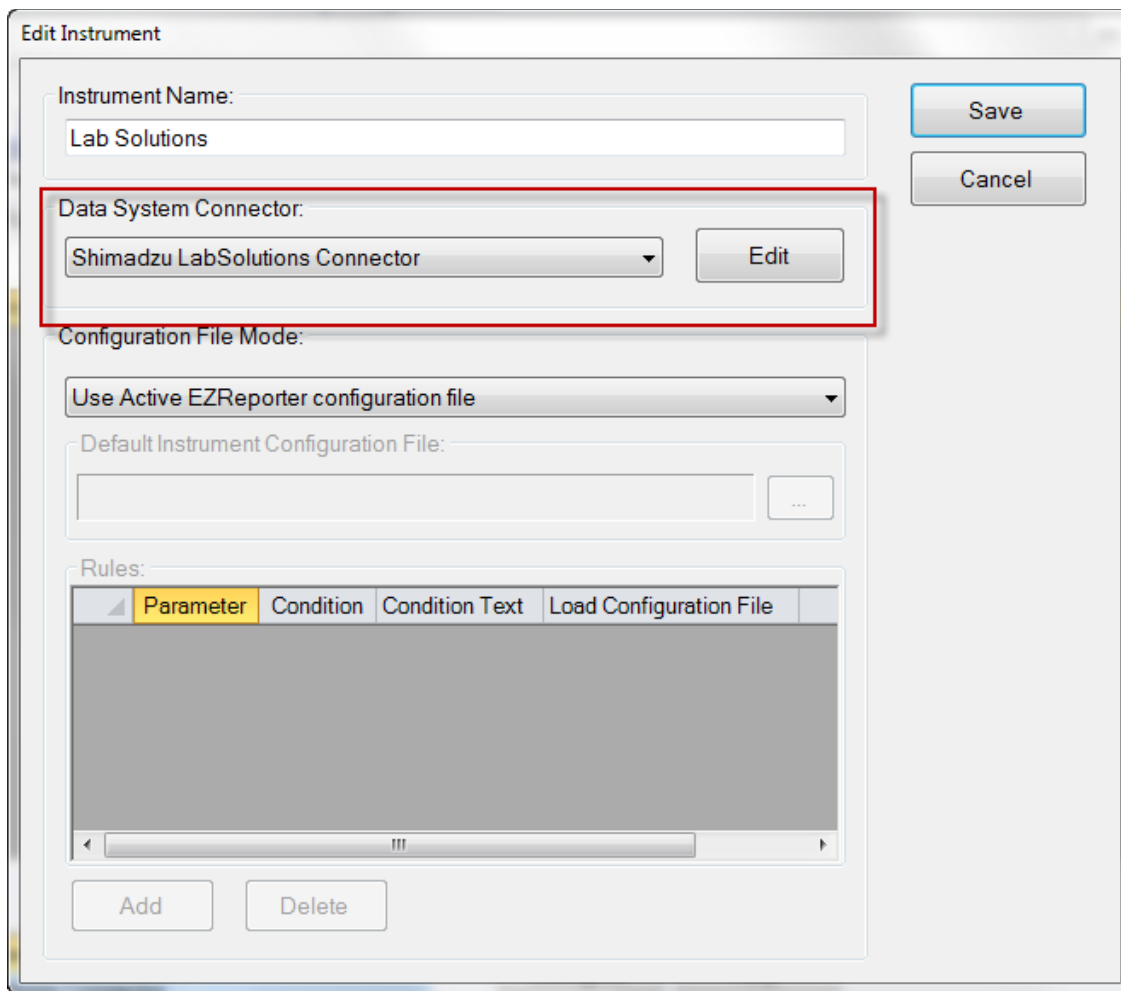


## Select the Data System Connector

In order to process results from your chromatography data system, you must select the Data System Connector for the data system you are using, and then “Edit” the connector to select and apply any connector-specific settings. In this case, select the “Shimadzu LabSolutions Connector”.

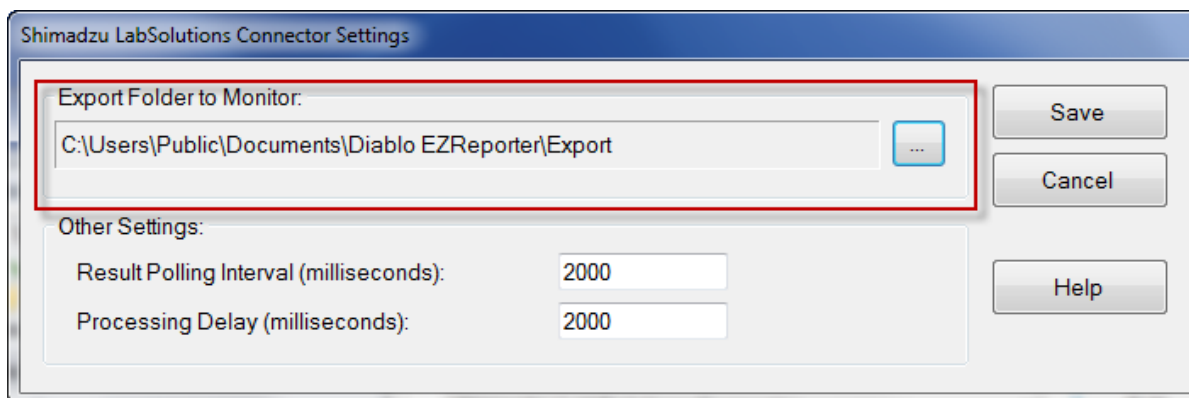
**IMPORTANT:** The data system connectors available for you to select will be dependent on which version of the installation program you used to install the EZReporter 4.0 software. Make sure that you download the installer version for the manufacturer of the chromatography data system you are using to control your gas chromatograph.





## Configure the Connector

The only setting you typically need to set for the LabSolutions Connector is the “Export Folder to Monitor”. You must choose the folder where the text files exported from LabSolutions are stored after the run. EZReporter will monitor this folder for the ASCII text files that are created.



## ***Other Settings***

These settings should not need to be changed in a typical installation.

**Result Polling Interval:** This is the interval in milliseconds at which the connector will check the export folder for new text files exported from LabSolutions. The default value of 2000 milliseconds should be correct for most situations.

**Processing Delay:** After finding new text files in the export folder, the connector will wait for this period in milliseconds before processing results. If you have a multi-channel GC, and for some reason LabSolutions is slow to export results for some of the detector channels, then you can increase the delay time to allow all the text files to be generated before processing results. The default value of 2000 milliseconds should be correct for most situations.

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