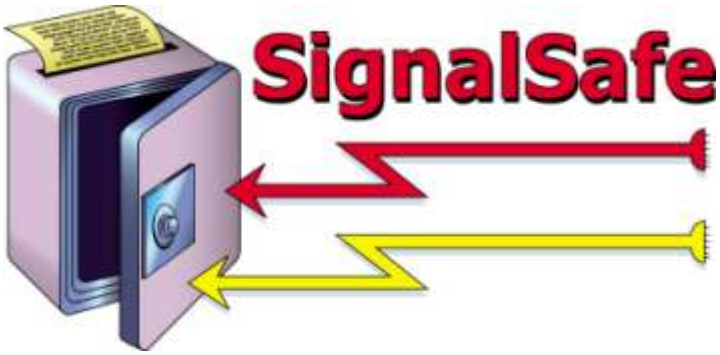

Signal Safe User Guide

2012

This manual will help all users in using ABM's Signal Safe.

Version 4.0.1.4

REVISED: 04/30/2012

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How to Contact ABM Data Systems

Correspondence and Billing Address

ABM Data Systems
896 Summit Street, Suite 107
Round Rock, TX 78664
(512) 388-3250

Sales

ABM Sales hours are Monday through Friday, 8:00 a.m. to 5:00 p.m. Central Standard Time.
Sales Phone: **(800) 767-7067**
Sales Fax: **(512) 215-4110**
Sales Email: sales@abmsystemsllc.com
World Wide Web Address: www.abmsystemsllc.com

Technical Support

ABM Support hours are Monday through Friday, 8:00 a.m. to 5:00 p.m. Central Standard Time.
Support Phone: **(800) 729-4226**
(512) 388-3250
Support Fax: **(512) 215-4110**
Support Email: support@abmsystemsllc.com

Please contact our Technical Support Department if we can help in any way.

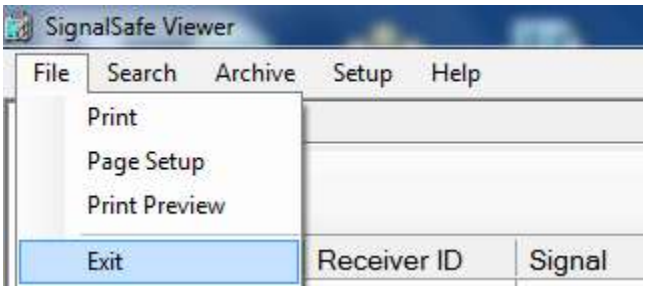
I. Signal Safe Overview

Signal Safe is a software application that replaces the all-events printer connected to your alarm receiver, access control server, HVAC system, etc. Incoming signal data is viewable on the servers screen and stored in a Microsoft SQL database making it readily available for quick retrieval and printing.

There are many features and benefits that Signal Safe Virtual Printer Software offers compared to a standard printer. These will be discussed throughout the guide.

This section will go over the different menus and what can be done in each menu.

A. File Menu



1. Print

Print is used to print signal activity displayed on the active tab. Tabs include Live Signals, Archived Signals and Search Results.

2. Page Setup

Page Setup is how the printed information will be printed. Changes to margins, layout, etc can be done here.

3. Print Preview

Print Preview shows how the printout will look prior to printing.

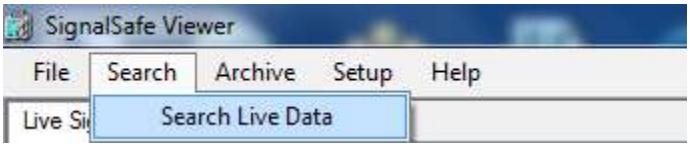
4. Exit

Exit closes out the Signal Safe Viewer.

B. Search Menu

1. Search Live Data

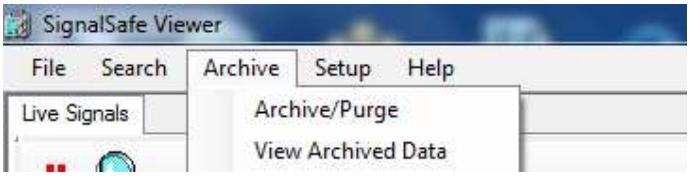
The Search Live Data option will bring up a Search box, allowing you to enter specific search criteria.



C. Archive Menu

The Archive Menu is where you can perform two actions:

1. **Archive/Purge**
   This is used to archive and purge the signal data that has been logged into the database. Both actions can be performed at the same time or separately.



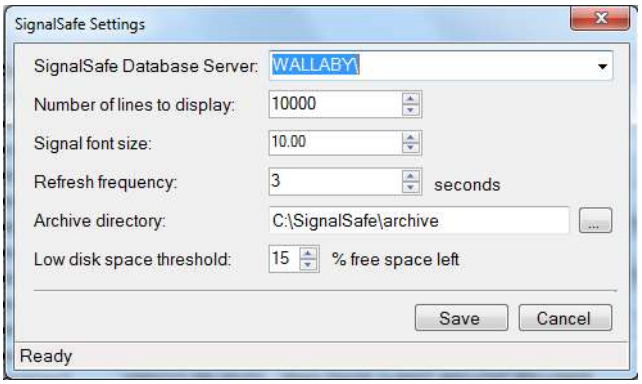
2. **View Archived Data**
   This is used to recall previously archived data into the viewer to run report based on certain criteria that are being searched for.

D. Setup Menu

In the SignalSafe Settings box, the following parameters can be changed for Signal Safe:

1. **SignalSafe Database Server**
   Select the correct database server from the list

2. **Number of lines to display**
   Set how many lines of signals are to be shown in the viewer



3. **Signal font Size**
   Select the font size of the displayed signal activity

4. **Refresh Frequency**
   How often the viewer refreshes, to display new signals

5. **Archive Directory:**
   Location of the archived data files

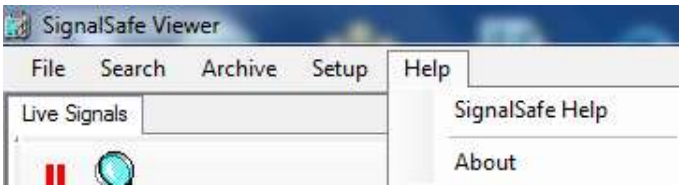
6. **Low disk space threshold:**
   What threshold to advise when free space is limited.

E. Help

Help menu is made up of two parts:

1. SignalSafe Help

This is still a work in progress.



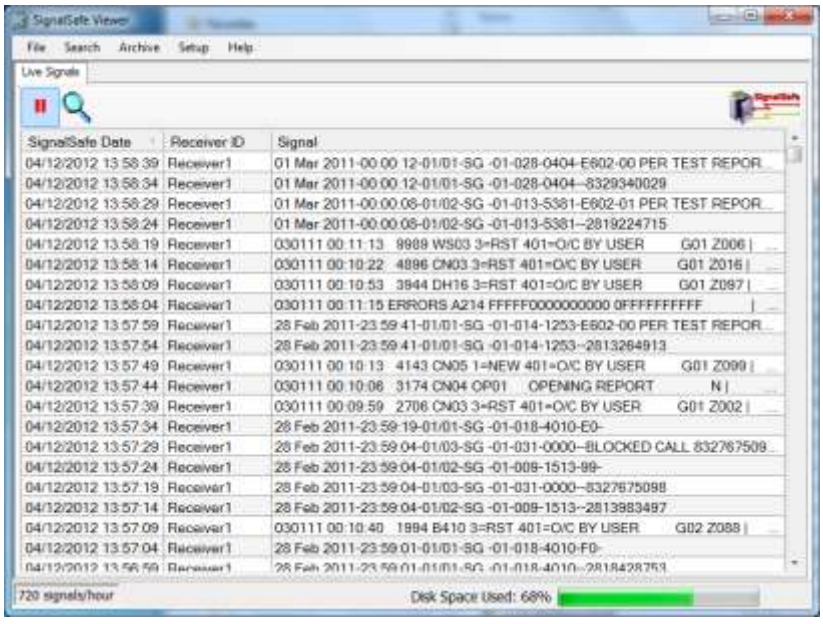
2. About

Shows the version, copyright, and UL certification

II. How to Use Signal Safe Features

A. Viewer

The viewer shows all the signals coming into the receiver as it would be printed on paper.



1. Pause Live Data

To pause live data, only on the viewer, click on the button. This will pause the viewer from scrolling and will stay this way until the restart button is selected.

2. Restart Live Data

To restart live data, click on the button. This will insert any signal data received while paused back into the viewer and continue to show new signals.

III. How to Search Data

There are two ways to do a search in Signal Safe.

A. Two Ways to Search

1. Search Icon

To use the Search Icon, Click on the button, located at the top of the Live Signals Tab.

2. Search Menu

To use the Search Menu, Click on the Search Menu then select Search Live Data.

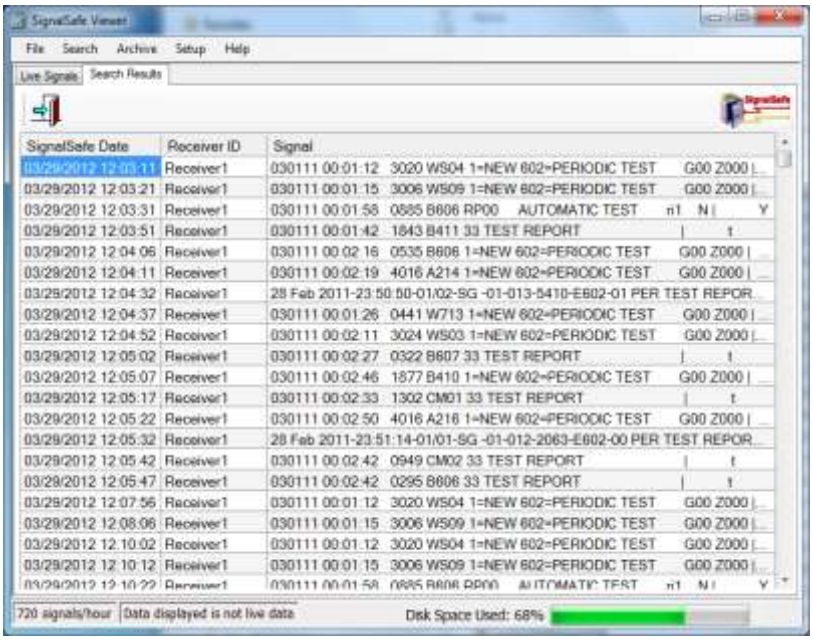
B. Search Criteria

Both methods above will open the Search criteria window.
Fill in the date range and data criteria. Then once finished, click on the Search button.

The data that was being searched for will open in a new tab in the viewer called Search Results – it will also show at the bottom that the data is not live data.

Once searching is done, click on the

Door with arrow pointing out, to close the Search Results tab and go back to the Live Signals tab



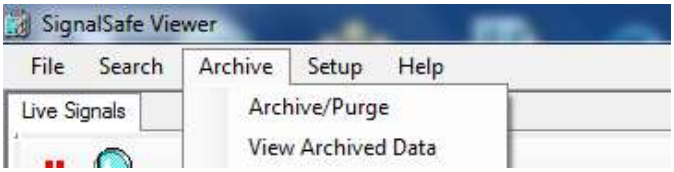
IV. How to Archive Signal Data

A. Archive

To archive signal data in Signal Safe follow the below steps.

1. Archive Menu

Click on the Archive Menu in the tool bar.



2. Archive/Purge

Select Archive/Purge from the drop down list

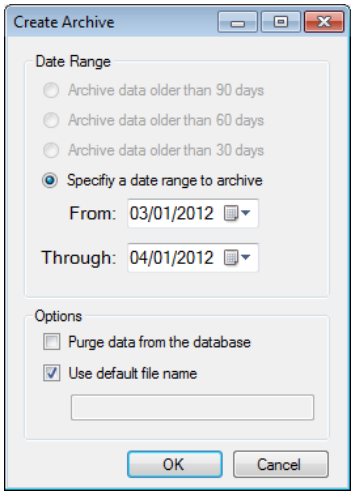
3. Create Archive Window

When the Create Archive Window opens

Select the Date Range to be archived in days or specify a date range to be archived

Uncheck Purge data Option, this is so the archive can be verified prior to deleting the data out of the database.

*See **Purging Data** on how to purge.*



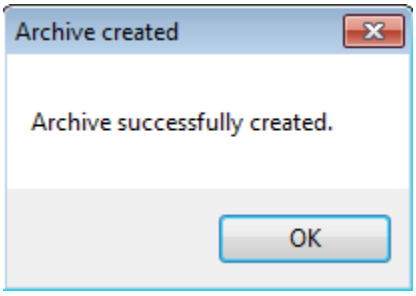
Either use the default file name by keeping the box checked (this is recommended) or uncheck the box and enter the new name of the file.

Click OK button when completed

4. Archived Created

When the archive is created successfully, a window will pop open advising.

Click on the OK button



5. Archive File

The archived data file can be found where it was specified in the Setup Menu. By default archive files are located in: \SignalSafe\archive directory.

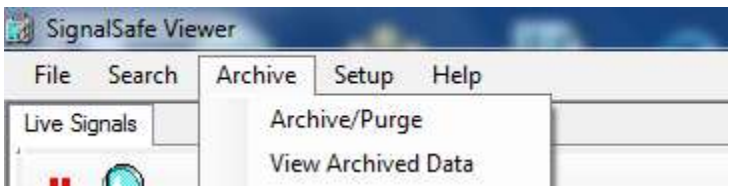
V. How to Recover Signal Archives

A. Archive Menu

To view archived signal data in Signal Safe follow the below steps.

1. Archive Menu

Click on the Archive Menu in the tool bar.



2. View Archived Data

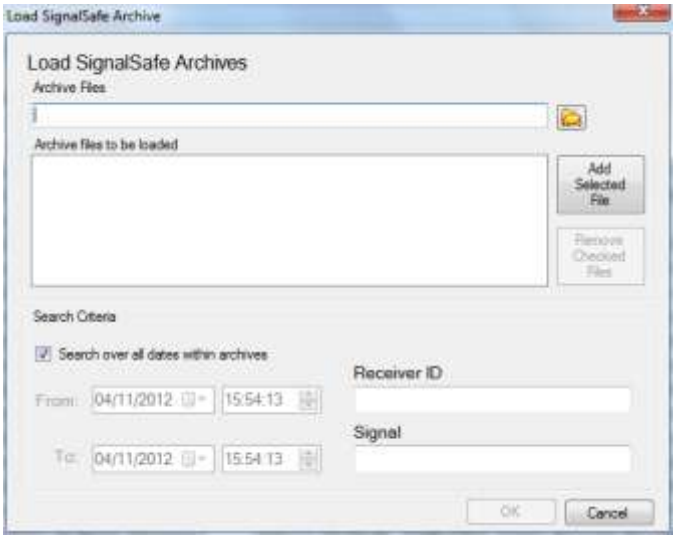
Select View Archived Data from the drop down list

3. Load SignalSafe Archives

The Load SignalSafe Archives Window will open

a) File Folder

Click on the File Folder Icon to the right of Archive Files



b) Directory

Follow the path to where the archived data was saved, and then double click on the archived file(s) that are to be loaded for review.

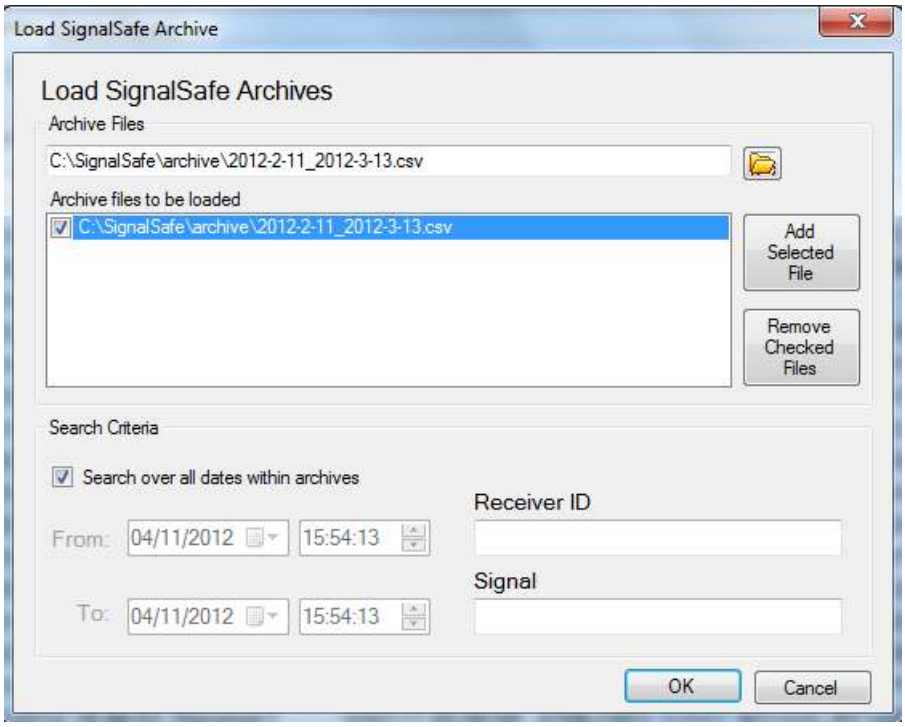
c) Load Archive Files

The file selected will then show up in the Load Archives Window

Click on the Add Selected File Button on the right of the window.
This will add it to the Archive files to be loaded.
Check the box to the left of the file path.
Fill in the search dates
Fill in the search criteria in either the Receiver ID or Signal or both fields.
Wildcards such as the star * can be used to mean anything.

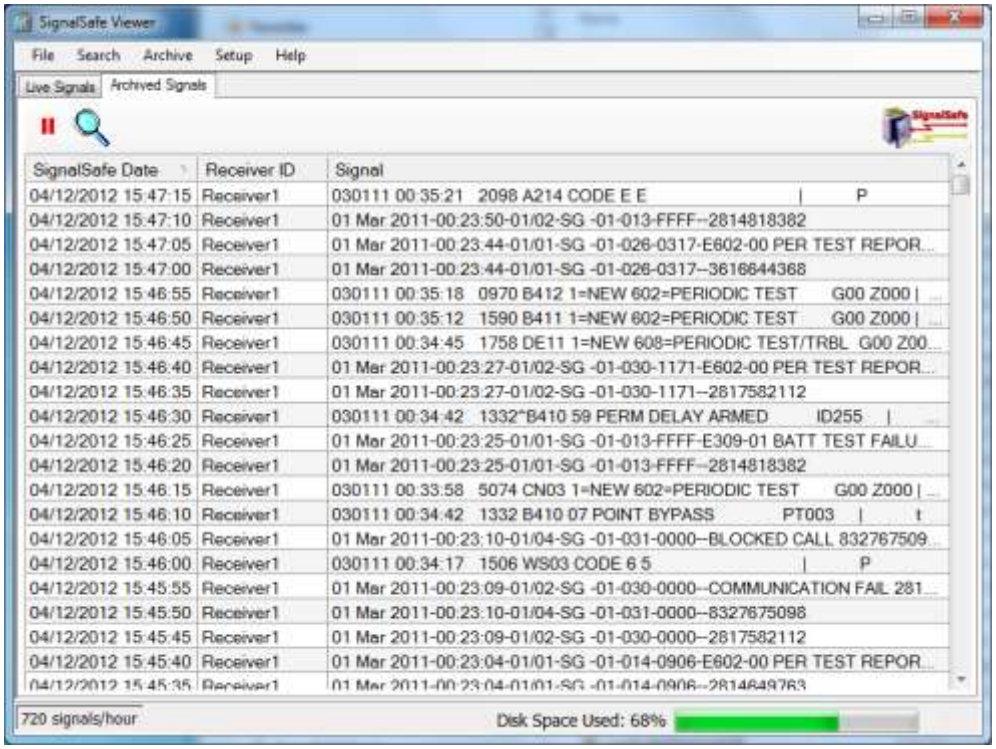
Example in Signal:
zone 001
This will give you all signals with zone 001 in the string that came in for the dates entered

Click on the OK button



d) Archived Signals

Once the signals that are being searched for are found, they are loaded into a new tab in the Signal Safe Viewer called Archived Signals. These signals can now be looked through, printed or even searched further.



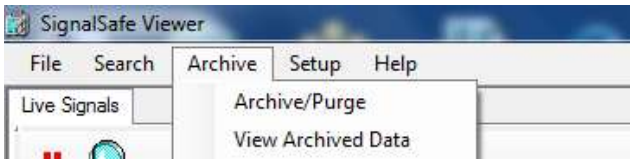
VI. How to Purge Signal Data

A. Purge

To purge signal data in Signal Safe follow the below steps.

1. Archive Menu

Click on the Archive Menu in the tool bar.

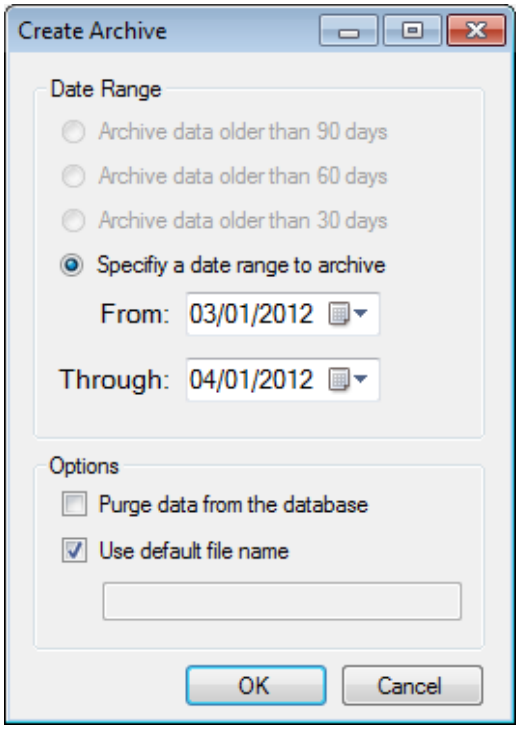


2. Archive/Purge

Select Archive/Purge from the drop down list

3. Create Archive Window

When the Create Archive Window opens



Select the Date Range to be purged in days or specify a date range to be purged

Check Purge data Option, this is so the data for the dates specified can be purged out of the database.

If you have already archived the data for the dates specified, then uncheck the Use default file name.

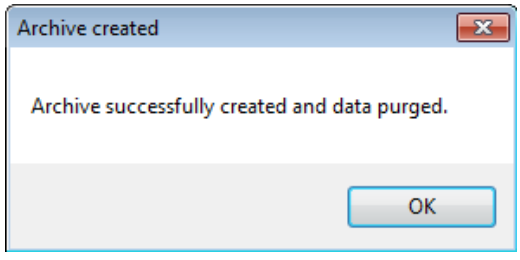
If you have not archived the data to be purged; then keep this option checked so the data can be archived prior to purging the data. It is recommended to use the default file name.

Click OK button once purge criteria is selected.

4. Archive Created

When the archive/purge has successfully completed, a window will pop open advising.

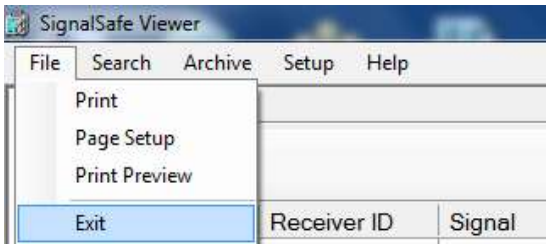
Click on the OK button



VII. Printing in Signal Safe

Printing can be done in any tab in the viewer.
From the File Menu
Select Print to print the data as is

Select Page Setup to setup how the data is to be printed.



Select Print Preview if you want to see how the data will be printed prior to printing it.

VIII. NOTES: