

comPPage

Logging and Report Generator Program

LRG

Logging and Report Generator

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Logging and Report Generator

The Logging and Report Generator software is two separate computer programs. These two programs will allow you to receive data from the Scope RXSER POCSAG logging receiver into a file and generate custom reports. These programs can be ran separately or together and will run on any Microsoft Windows™ platform. The setup program will install both programs. The Logging Program is accessed via the Report Generating software.

REQUIREMENTS

IBM compatible computer
MS-Window™ 98, 2000, NT4.0 sp5 and XP Pro Operating System
ComPPage LRG Program
Serial port

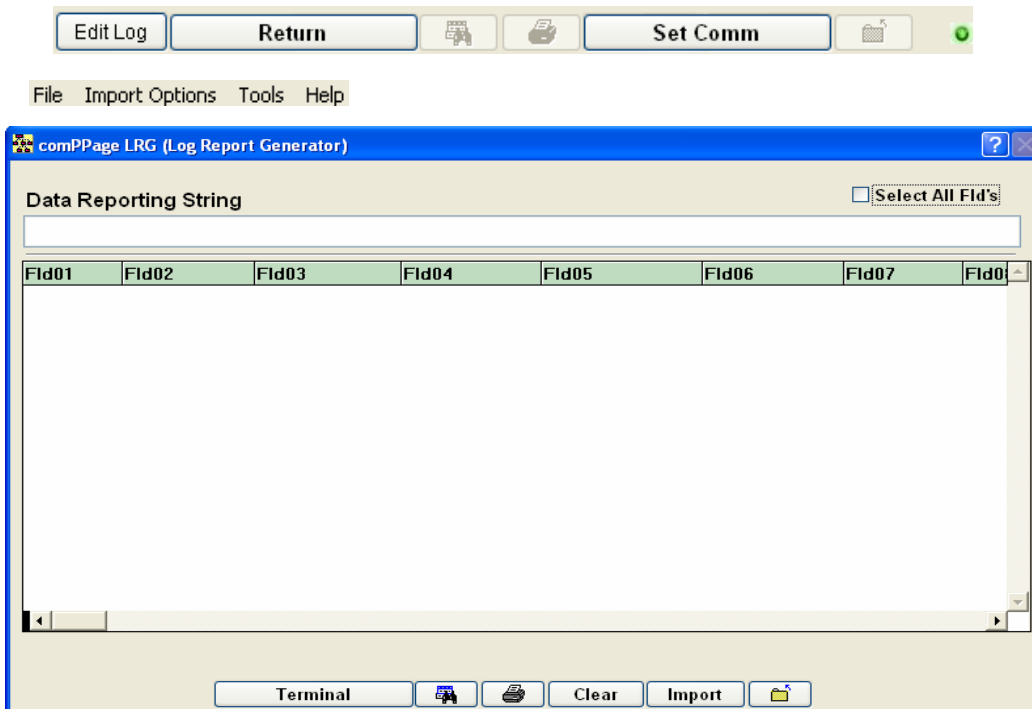
INSTALLATION

1. Insert CD into the CD-R or CD-RW drive, the CD will auto start.
2. If auto start does not function, Select [**START**], [**RUN**] type in {cd-rom drive letter and enter SETUP.EXE.
3. Press OK.

LOGGING PROGRAM SETUP

The Logging program when properly installed will monitor and log all data that is present on the communication port selected. This data will be placed in a log file created automatically by the system. This log will be active until the end of the day, at that time the system will close the file and starts a new file. The file will hold as much data as you have hard drive space. Once this data is stored you can use the Report Generator to create custom reports.

1. Select [**START**], [**PROGRAMS**],[**LRG**] or Click on the Icon on the desktop labeled LRG.
2. Select the **Terminal** button at the bottom of the screen, then select **Set Comm** button.
3. You may get an error message telling you the port can not be opened. Simply click OK and click on Set Comm. Enter the communication port that will be monitored. The baud rate and parity is hard coded to 9600 N-8-1. Click the **RED** button and it will turn **GREEN**. The port is open.
4. Right click the **GREEN** button and it will display the communication port selected.
5. This port selection will remain unit you change it.



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6. The user can choose to visually monitor the data coming in or select the Return button and return to the report generating screen.
7. The program may be run minimized.
8. The logging program will closeout the each log at midnight and start a new one at 12:01. Each log will be given a file name of the Year, Month and Day .etc.Log20061030

Alert

The user can be notified when data has been received by the logging software, either by Audio or Visual. To Select this function;

1. Select Tools from top menu bar.
2. Select Sounder or Alert Pop Up.
3. If you select Sounder you will get the MS-Windows default sound.
4. If you select Alert Pop Up you will receive the following Screen.

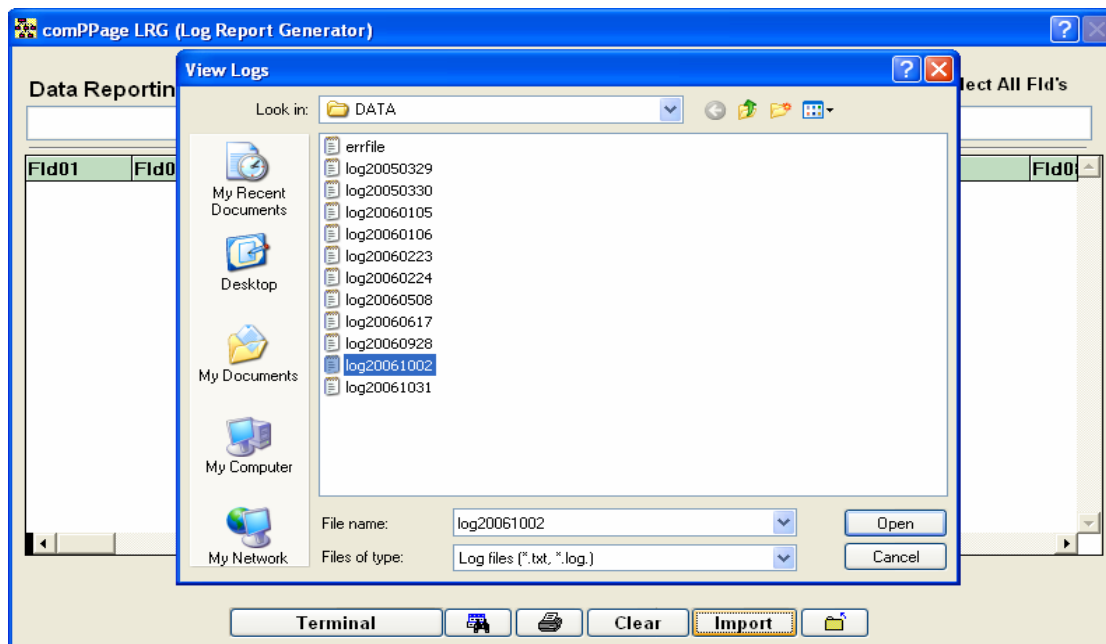


Report Generation

The Report Generating Program is used to select a log file, filter the records, customize the header and print the report. The report consists of 25 fields that data can be imported into for creating reports. When creating a report complete the following steps.

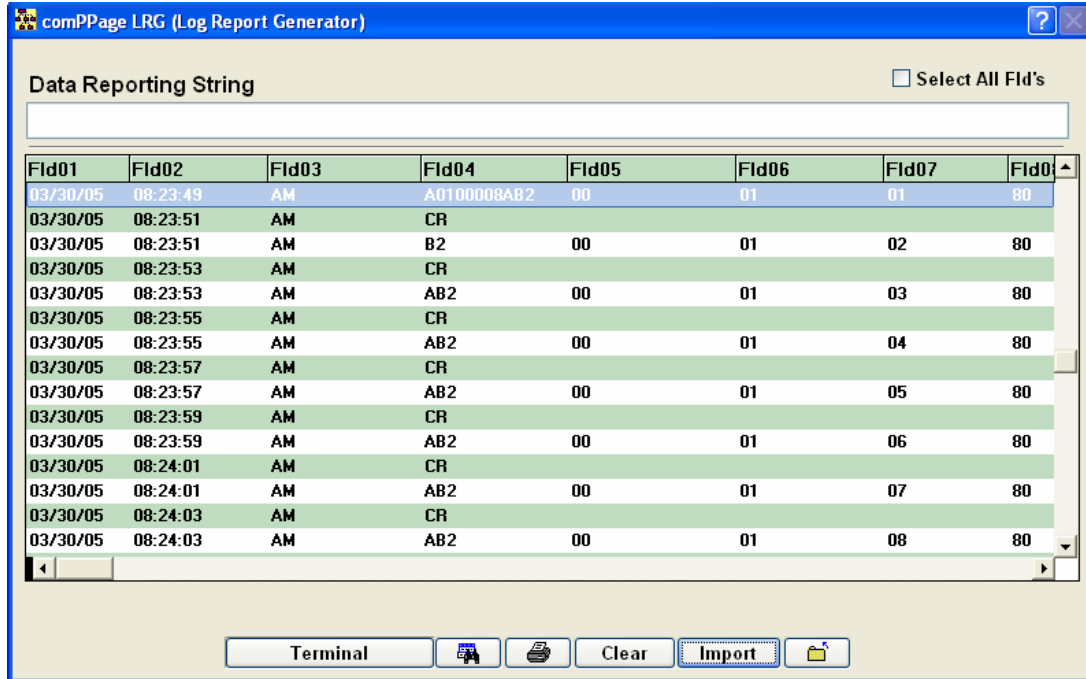
Import Data

1. Select Import from the bottom row of icons.



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2. Select a log file from the list in Data Directory.
3. Select Open.



4. The log file selected will be displayed in the report generator screens 25 fields.

Searching Data

The user can create a search criterion by selecting the Filter Data button at the bottom of the screen. Here is the definition of the search criteria.



SEARCH INFORMATION

1. **EQUAL** – The information entered is the same as the field selected.
2. **NOT EQUAL** – The information entered is not the same as the field selected.
3. **MORE THAN** – The information entered is more than the information in the field selected.
4. **LESS THAN** – The information entered is less than the information in the field selected.
5. **IS BLANK** – Not used.
6. **IS NULL** – Not used.
7. **CONTAINS** – The information entered is part of the information in the field selected.
8. **BETWEEN** - The information entered is between the information in the field selected. Normally this field is used for finding Dates between a beginning and ending or a Time between a beginning and ending. Formats for dates must be exact.
Date: 11/01/2001,11/30/2001
Time: 09:22:00,12:00:00 – Seconds must be included if part of field.

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Report Formatting

The heading and name of the report can be entered for each report required.

1. Select File, Open User Information.
2. Enter appropriate information.
3. Areas not filled in will not show on printed report.
4. After editing the data in the User Information and saving it, all reports will have the same user information. You must edit the user information again for different report information.

The screenshot shows a 'User Information' dialog box with the following data:

Title	Lone Pine Nursing Home		
Name	Mrs. Jones - Room 8011		
Address	6801 Lake Worth Rd. Ste #253		
C/S/Z	Lake Worth Road	FL	33467
Phone		Fax	
e-mail			
Report Dates:	From: 11/01/2006	To: 11/01/2006	

Creating Report with Response Time Included

1. After importing the log file you want to create the report from (see import data), locate the field that contains the reset word for the point. [Example: Reset – Cancel – Answered.]
2. Select **Tools, Setup Key Field** – enter the field name ..ie FLD09 or FLD06.
3. Select **Tools, Setup Key Message** – enter the word as it appears in the field entered in step 2. ie.. Reset or Answered. Any word or phase can be used.
4. If you are creating a report that contains more than a single room you must index the report. To index the report do the following: 1) Locate the field that contains the **room number** or **unique identifier** and double click on the field name.(FLD01..etc). This will place the data in ascending order.
5. Check **Select all Flds** – at the top left of display. The row above the imported file will turn orange.
6. You can remove any field from the report by simply placing the pointer on the orange part of the field and right clicking the mouse. The field will turn green.
7. Click the printer icon on the bottom of the screen and you will get a preview of the report. If the report is correct click printer icon at the top of the report. Your report should appear as show below.

The report is titled 'Lone Pine Nursing Home' and includes the following information:

11/01/06 03:31:21 PM

Mrs. Jones - Room 8011
6801 Lake Worth Rd. Ste #253
Lake Worth Road, FL 33467

Reporting Dates:
From: 11/01/06 To: 11/01/06

Response Time - Hrs:Min:Sec

11/01/06 09:49:50	Logged-in	
11/01/06 09:50:33 AM	ROOM 8011 Mrs. Jones Bed Call	
11/01/06 09:52:16 AM	ROOM 8011 Call Reset	2:43

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Creating Report without Response Time

If the report generator was used to create a report with response time, and you now want to create a report without response time you must edit the Key Field and Key Word. You do this by selecting Tools from the top menu and select **Setup Key Field**. Remove the data by using the backspace key. Select **Setup Key Message**. Remove the data by using the backspace key. Exit the program and then re-open the program. Follow the steps below to create the new report.

1. See **Import Data** section page 4 of this document.
2. Check **Select all Flds** – at the top left of display. The row above the imported file will turn orange.
3. You can remove any field from the report by simply placing the pointer on the orange part of the field and right clicking the mouse. The field will turn green.
4. Click the printer icon on the bottom of the screen and you will get a preview of the report. If the report is correct click printer icon at the top of the report.

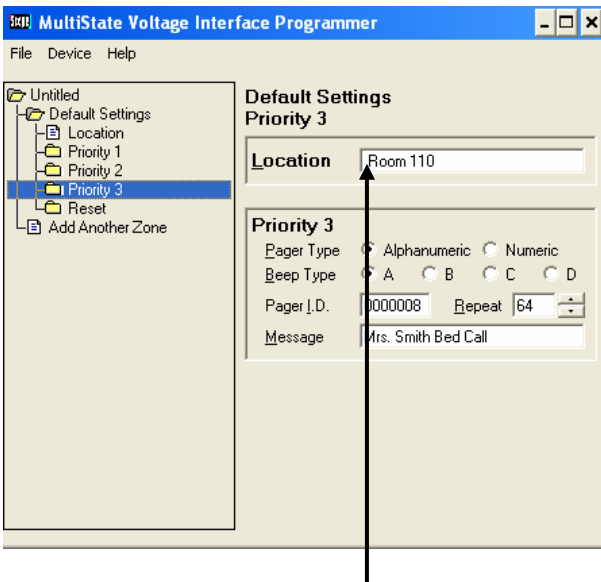
11/02/06 11:02:04 AM	
<u>Lone Pine Nursing Home</u>	
<hr/>	
Daily Report	Reporting Dates:
	From: 11/01/06 To: 11/01/06
<hr/>	
	Response Time - Hrs:Min:Sec
11/01/06 09:49:50 Logged-in	
11/01/06 09:50:33 AM ROOM 8011 Mrs. Jones Bed Call	
11/01/06 09:52:16 AM ROOM 8011 Call Reset	
11/01/06 10:00:12 AM ROOM 8011 Mrs. Jones Bed Call	
11/01/06 10:05:00 AM ROOM 8011 Mrs. Jones Bed Call	
11/01/06 10:07:20 AM ROOM 8011 Call Reset	
11/01/06 11:12:15 AM ROOM 8012 Bed Call Room 8012	
11/01/06 11:15:00 AM ROOM 8013 Bath Call Room 8013	
11/01/06 11:20:12 AM ROOM 8011 Mrs. Jones Bed Call	
11/01/06 11:49:00 AM ROOM 8011 call Reset	
11/01/06 12:05:12 PM ROOM 8017 Mrs. Smith Bed Call	
11/01/06 12:07:02 PM ROOM 8011 Mrs. Jones Bed Call	
11/01/06 12:15:15 PM ROOM 8013 Call Reset	
11/01/06 12:30:00 PM ROOM 8011 Mrs. Jones Bed Call	
11/01/06 12:45:12 PM ROOM 8011 cALL rESET	
<hr/>	
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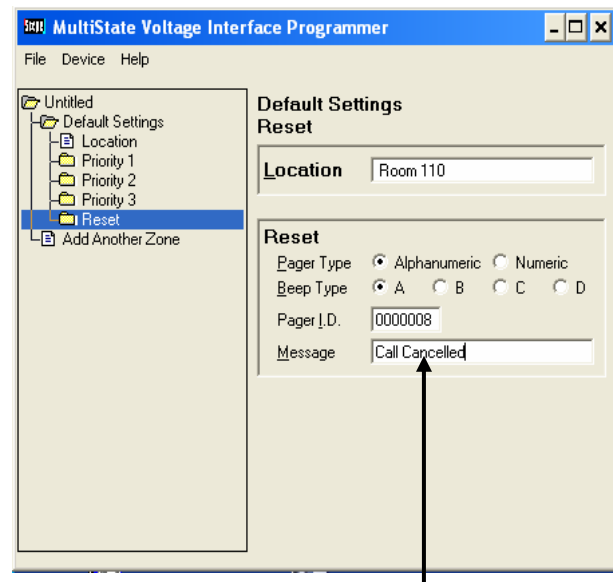
Special Programming for Scope's Voltage Interface

When receiving data from the Scope Voltage or Dry Contact Interface Unit, either directly or from a logging receiver, you must modify the standard entry procedure and enter the following information to obtain correct response time of all calls.

VSP128 – Voltage Interface Unit, 128 Inputs.



Enter a space before the room number in the location field. This will allow you to remove the pager ID if you want, which come just before the location.



Enter the Message you want to appear on the pager when reset.

If the VSP is used with a system that has 2 beds per room and 1 common bathroom, you should program the VSP unit as follows.

1. Each bed will be attached to an individual zone on the VSP. Example for Room 8011.
 - a. **For Bed A. – Attached to Zone 1 of the Voltage Interface Unit.**
 - b. In the Location blank enter the Room number followed by A. [Example: Room 8011A].
 - c. For Priority 3 call enter - Bed Call.
 - d. For Priority 2 call enter – Bath Call
 - e. for Priority 1 call enter – Emergency Call
 - f. **For Bed B. – Attached to Zone 2 of the Voltage Interface Unit.**
 - g. In the Location blank enter the Room number followed by A. [Example: Room 8011B].
 - h. For Priority 3 call enter - Bed Call.

Note: Do not program Priority 2 or Priority 1 for zone 2.

Example of call sent to Pager and Logging Software:

A0100800A ROOM 8011A BED CALL or A0100800A ROOM 8011A BATH CALL

A0100800A ROOM 8011B BED CALL or A0100800A ROOM 8011B RESET

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Editing Log File

If the host equipment you are logging sends repeat alerts and you want to create a report that includes response time or you want to remove a line before you run the report, you must edit the log file.

1. Import the log file as described in Importing Data, page 4.
2. Once the data is displayed on the screen of the report generator, click the **EDIT LOG** button at the bottom of the screen.
3. The program will display the data as show below.
4. Select the items you want to remove by clicking next to the date. A black mark will appear.
5. When complete click on the **X** of the LRGTBL screen and the program return to the main screen.
6. Click any where on the main screen and the screen will refresh and display the correct data.
7. The program will remove the data that is marked by the black square.
8. If you select an item that you want to keep, click on the black square and it will disappear.
9. Follow the steps for generating a report described earlier in this document.

F1d01	F1d02	F1d03	F1d04	F1d05	F1d06F1	F1d08	F1d09	F1d10
11/01/06	09:49:50	Logged						
11/01/06	09:50:33	AM	A0100800B	ROOM	8011	Mrs.	Jones	Bed
11/01/06	09:52:16	AM	A0100800A	ROOM	8011	Call	Reset	
11/01/06	10:00:12	AM	A0100800A	ROOM	8011	Mrs.	Jones	Bed
11/01/06	10:05:00	AM	A0100800A	ROOM	8011	Mrs.	Jones	Bed
11/01/06	10:07:20	AM	A0100800A	ROOM	8011	Call	Reset	
11/01/06	11:12:15	AM	A0100800A	ROOM	8012	Bed	Call	Room
11/01/06	11:15:00	AM	A0100800A	ROOM	8013	Bath	Call	Room
11/01/06	11:20:12	AM	A0100800A	ROOM	8011	Mrs.	Jones	Bed
11/01/06	11:49:00	AM	A0100800A	ROOM	8011	call	Reset	
11/01/06	12:05:12	PM	A0100800A	ROOM	8017	Mrs.	Smith	Bed
11/01/06	12:07:02	PM	A0100800A	ROOM	8011	Mrs.	Jones	Bed
11/01/06	12:15:15	PM	A0100800A	ROOM	8013	Call	Reset	
11/01/06	12:30:00	PM	A0100800A	ROOM	8011	Mrs.	Jones	Bed
11/01/06	12:45:12	PM	A0100800A	ROOM	8011	CALL	rESET	

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Saving Formatted Report

Once a report has been formatted and printed you can save it in a file for future reference.

After you have printed your report and the main screen is displayed, click on **File** from the menu on the top of the screen. From the drop down menu select **Print to File**. A Save As screen will appear. Type in the name you want to save the report under.

When you want to print this report again, simply click on **File** and **Print file** and select **Open**, select the name of the report to be printed.

