Backing up Rapidlogger variables to a PC using the Rapidlogger-Utility

This tech note describes the process to backup Rapidlogger variable and settings to a PC. The program used to do this operation is called the "Rapidlogger Utility". This document describes the use of the "Rapidlogger Utility". You should only use version number 2.2.0.6 or newer versions of this utility program. The program is available on the CD that is shipped with your system. I is also available from the Rapidlogger Website. Before using this program the PC should be connected to the Rapidlogger System with an Ethernet cable and the network setup should be completed. The network setup is described in a different document.

About Rapidlogger Utility		×
	Rapidlogger utility Version 2.1.0.35 Copyright © - 2009 Rapidlogger www.rapidlogger.com Ok	

Figure 1: Rapidlogger-Utility program Version

The first step is to install the "Rapidlogger Utility" program on your PC. To install double click on the setup.exe file inside the Rapidlogger Utility folder on the CD.



Figure 2: Running the Rapidlogger Utility from the program menu

Now run the program by clicking on the program icon for Rapidlogger Utility in the program menu.

	💐 Rapidlogger Utility					
	Variable Data Variable Number	Toggles	Rapidlogger Unit Rapidlogger Network Addre	355		
	Variable Name Variable Units Decimal Places 0 0 Input Type Input Number 1	Display Becord/Transmit Regeive Remote Special Multiplier 0.000000000 Offset 0.000000000 \$	192168.0.5 Read One from Unit ( Read All from Unit ( System Setup ( Local Computer Disk	Ping Rapidlogger Write Dne to Unit Write All to Unit Sync Time Read Vars File Write Vars File		
	Кеер	Undo	Rapidlogger Filesystem			
	Variable Apply Failed	<	Copy File to Rapidlogge	er Test		
			About			
Figure 3:	Rapidlogo	ger-Util:	ity prog	ram Init	ial	screen

#### Using the Program

1) Try to ping Rapidlogger System by clicking on the "Ping Rapidlogger" button as shown below.

💐 Rapidlogger Utility		
Variable Data Variable Number 1 Variable Name Pressure	Toggles ✓ Enable ✓ Display ✓ <u>R</u> ecord/Transmit	Rapidlogger Unit         Rapidlogger Network Address         192.168.0.5         Ping Rapidlogger         Read One from Unit         Write One to Unit
Variable Units psi Decimal Places	Re <u>c</u> eive Re <u>m</u> ote	Read All from Unit Write All to Unit Ping Rapidlogger
0	Special Multiplier	System Setup Sync Time
5- Analog V Analog Input Number	0.286106600 Cffset	4. Click here to Read All Variables from the Rapidlogger Unit
Кеер	Undo	Rapidlogger Filesystem
Rapidlogger Response Rec	eived 🔨	Copy File to Rapidlogger
ye od e		

Figure 4: Using the Rapidlogger Utility

2) If the message in the window show "Rapidlogger Response Received" then you are ready to proceed. If the message shows "Connection to Rapidlogger Failed" then there is a problem with the network connection and you need to check all of the steps in the network setup procedure described in the Rapidlogger Tech Note #5 thoroughly and try again.

3) You can verify that the program version number is at least 2.1.0.35 by clicking on the "About" button. If the version number is lower than 2.1.0.35 please install the correct version.

4) The next step is to read in all of the Rapidlogger Variables from the system in to the "Rapidlogger-Utility" program. You can do this by clicking on the "Read All from Unit" button.

C Variable Name	the messag	ge window rea	ads "Variable Apply OK".
6. Variable Name field shows a valid	Rapidlogger Utility		
variable read from the Rapidlogger System	ariable Data ariable Number	Toggles <u>E</u> nable	Rapidlogger Unit Rapidlogger Network Address
	Variable Name	🗹 <u>D</u> isplay	132.168.0.5 Ping Rapidlogger
	Pressure Variable Units psi	<u>Record/Transmit</u> Receive     Remote	Read One from Unit     Write One to Unit       Read All from Unit     Write All to Unit
		Special	System Setup Sync Time
	Input Type 5- Analog Analog Input Number 1	Multiplier 0.286106600 Offset 825.00000000	Local Computer Disk Read Vars File
	Кеер	Undo	Rapidlogger Filesystem
•	Variable Apply OK	<u>^</u>	Copy File to Rapidlogger Teat
5. Message Shows good response	]	~	About     Image: Constraint of the setup and setup and variables from Rapidlogger System to PC file

Figure 5: Changing a Variable

6) The Variable name field should now show a valid variable name that has been read from the Rapidlogger System.

7) Pressing the "Write Vars File" button writes the all of the variables and system setup to a file on the PC.

8) The program will now ask the user for a file name. Please specify a file name that you want to use to save the data. The data will now be saved to this file. The Rapidlogger System variable backup files have the file extension ".rlv"

9) This file can be restored at a later date to the Rapidlogger System incase the operator accidently resets the system to its default settings.

10) This file can also be emailed to the Rapidlogger technical support for help in setting up or troubleshooting an installation.