



Safeguard Network Adapter SMS Configuration



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Safeguard Network Adapter Version 1.05

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Disclaimer and Revisions

Operation of this equipment in a residential area may cause interference in which case the user, at his or her own expense, will be required to take whatever measures may be required to correct the interference.

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22/10/2003	CSSSNA10/03	NK – Version 1.02 SMS updates
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Contents

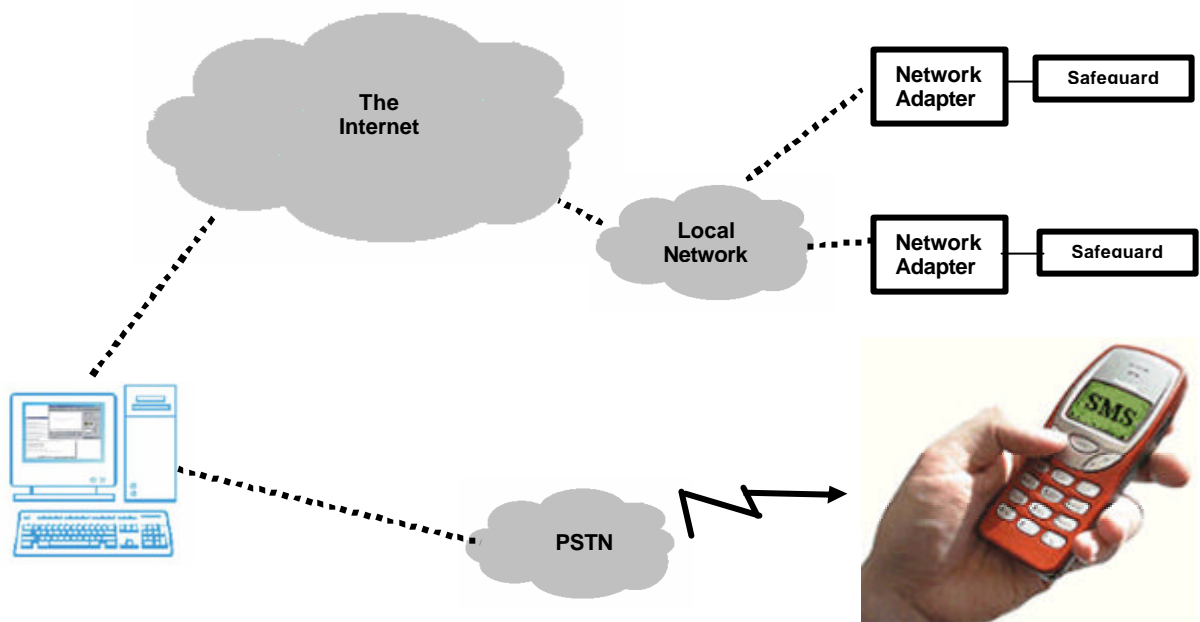
Copyright and Trademark.....	i
Disclaimer and Revisions.....	ii
Contents	iii
1 Introduction to the Safeguard Network Adapter SMS Features.....	1
2 Requirements.....	1
3 Limitations	2
4 The Safeguard SMS Configuration Web Interface	2
4.1 Accessing the SMS Configuration.....	2
5 Troubleshooting	6



1 Introduction to the Safeguard Network Adapter SMS Features

The Safeguard network adapter is capable of sending SMS messages by using a SMS Server application hosted by Computer Support Systems.

The Safeguard network adapter converts any warning, alarms or shutdown messages from Safeguard into TCP/IP packets and sends them over the Internet to a predetermined IP address. The server at this IP address will handle sending the SMS to predetermined numbers set by the Safeguard Network adapter.



2 Requirements

The minimum requirements to run the Safeguard Network Adapter SMS features are as follows:

- Fully configured Safeguard unit with a configured Safeguard network adapter according to the adapter user manual.
- Access to the local network.
- Access to the external machine with IP address 210.23.143.19 on port 42755 to establish a TCP/IP link.
- Java enabled web browser. (Netscape 4.0 or higher & IE 5.5 or higher recommended)
- Java™ 2 Runtime Environment, Standard Edition, Version 1.4.2.
- (You may install this from <http://java.sun.com/j2se/1.4.2/download.html>)
- Input labels of each sensor of Safeguard need to precede with its corresponding 2 digit input number. Eg:
 - Input number 01 label should read "01 My temp on A/C"
 - Input number 02 label should read "02 My humid on A/C"
 - Input number 03 label should read "03Another Sensor" (The space after XX is optional)
 - Input number XX label should read "XX UPS Alarm"
- Registration key for SMS software.

3 Limitations

If the above requirements are fulfilled & the SMS configuration interface is filled in correctly, the limitations in sending SMS's are as follows.

Safeguard is capable in sending SMS's for the below sensor types only.

- TMP – Temperature type alarms/warnings/shutdowns
- HMD – Humidity type alarms/warnings/shutdowns
- FIR – Fire Alarms
- FLD – Fluid Alarms
- SEC – Security Alarms
- PWR – Power Alarms
- A/C – Air Conditioner Alarms
- EXT – External Alarms

Safeguard does not send SMS's for the types below

- LCK – Lock Alarms
- CTL – Control Alarms
- KEY – Key Status Alarm

Note: These are only status messages rather than actual alarms, hence no SMS's are sent.

4 The Safeguard SMS Configuration Web Interface

The SMS configuration of the adapter is accessible through the main menu of the Safeguard network adapter web interface when enabled using the correct registration key obtained by Computer Support Systems.

If your system is not up-to-date with the runtime environment your browser will prompt you to download the latest Java™ 2 Runtime Environment from Sun Microsystems.

4.1 Accessing the SMS Configuration

From the main menu of the adapter click on the button next the label "SMS Configuration".

Note: *The factory default password is "password". It is possible to change the password on the adapter configuration page. The password on the Safeguard Network Adapter is case sensitive.*

This web interface accepts setting to all parameters needed to send the SMS messages.

Safeguard Network Adapter SMS Configuration

Select SMS Inputs

Select SMS Inputs	Input Name	Alarm	Send to Number			Input Name	Alarm	Send to Number		
			1	2	3			1	2	3
Phone Number Settings	Input Number 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Input Number 17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional Options	Input Number 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Settings	Input Number 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Update Settings	Input Number 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Back to Main Menu	Input Number 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Input Number 16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Input Number 32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Software version 1.02

Select SMS Inputs

This section selects which inputs are SMS enabled. By selecting an alarm you are obliged to select up to three mobile phone numbers where the SMS is sent. Make sure that you enter correct details of your phone numbers under “Phone Number Settings”.

Phone Number Settings

Click on “Phone Number Settings” to insert or change existing mobile telephone numbers.

You are able to receive the same SMS message at, up to three different mobile phones.

Safeguard Network Adapter SMS Configuration

Phone Number Settings

	Name	Phone Number
1.	<input type="text" value="Mark"/>	<input type="text" value="0410410015"/>
2.	<input type="text" value="John"/>	<input type="text" value="0425225680"/>
3.	<input type="text"/>	<input type="text"/>

Select SMS Inputs

Phone Number Settings

Additional Options

Advanced Settings

Update Settings

Main Menu

Name: a name to identify the person with the phone number next to it.

Phone Number: a ten-digit mobile telephone number.

Additional Options

This section allows you to select SMS messages for Warnings or/and Shutdown messages.

Safeguard Network Adapter SMS Configuration

Additional Options

Select SMS Inputs

Phone Number Settings

Additional Options

Advanced Settings

Update Settings

Back to Main Menu

Send SMS for Warnings

Send SMS for Shutdowns

Warnings and shutdown messages apply only to analogue inputs such as temperature or humidity. Enabling warnings or shutdowns will send SMS's for all warnings or shutdowns related to analogue sensors.

Advanced Settings

This section allows you to enter/change-advanced settings related to SMS messaging.

Safeguard Network Adapter SMS Configuration

Advanced Settings	
Select SMS Inputs	Safeguard Serial Number <input type="text" value="3010"/>
Phone Number Settings	Destination IP <input type="text" value="210.23.143.19"/>
Additional Options	Destination Port Number <input type="text" value="42755"/>
Advanced Settings	
Update Settings	
Main Menu	

Safeguard Serial Number: Enter the Safeguard Serial Number supplied by Computer Support Systems. This can be found on the back of the Safeguard unit on a label.

Destination IP: Target IP address of SMS Server. (Leave at default unless advised by Computer Support Systems)

Port Number: Target Port of the above IP address. (Leave at default unless advised by Computer Support Systems)

Update Settings

Click on "Update Settings" to save your settings. You will be prompted with a confirmation box.

Main Menu

Click on "Main Menu" to return to menu.

If you stay inactive for over 5 minutes you will be automatically directed out from the Safeguard Network Adapter SMS configuration back to the menu page.

5 Troubleshooting

Make sure the input label for each sensor precedes with the input number in front. Eg:

- Input number 01 label should read “01 My temp on A/C”
- Input number 02 label should read “02 My humid on A/C”
- Input number 03 label should read “03 Another Sensor”
- Input number XX label should read “XX UPS Alarm” (The space after XX is optional)

For further troubleshooting methods read the trouble shooting section of the user manual.