

INTRODUCTION

The VideoApp4All is an interactive smartphone app available for Android and iPhone platforms. The panel requires a persistent connection to the Comfort server (managed via PCM) to facilitate interaction between the panel and the app.

RSI Video Technologies recommends that the VideoApp4All be used primarily over an Ethernet/IP connection, however, this document will also outline how to modify the panel communication method to cellular (2G3G).

This feature requires firmware version 04.03.07.XXXX or newer. The firmware version can be found on the panel label or by entering 000000 + OK/YES from the keypad Disarmed screen.

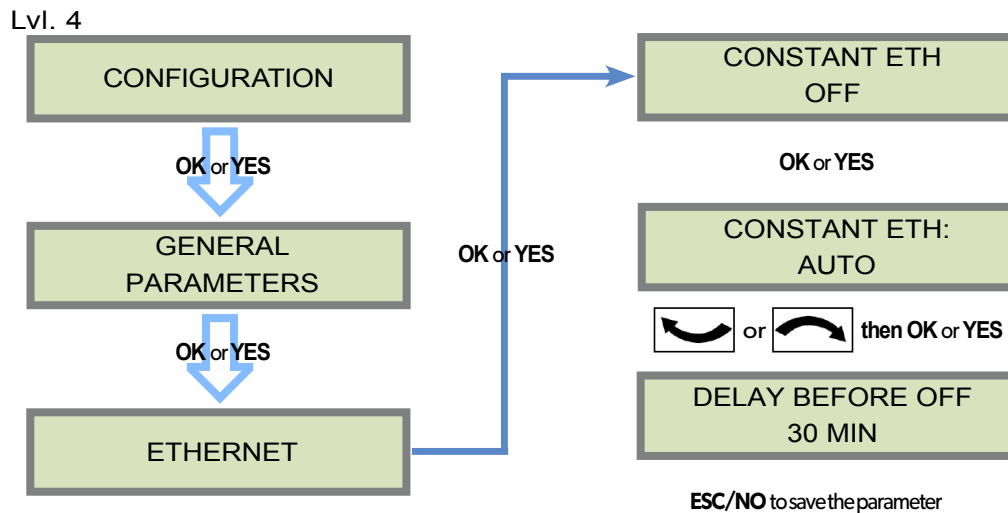


PANEL REQUIREMENTS

- Panel must be powered via a 12VDC power supply + 4 D-Cell Alkaline batteries for backup.
- 2G3G Level must be 3/5 minimum or higher (if configured for cellular communication).

Enable Ethernet

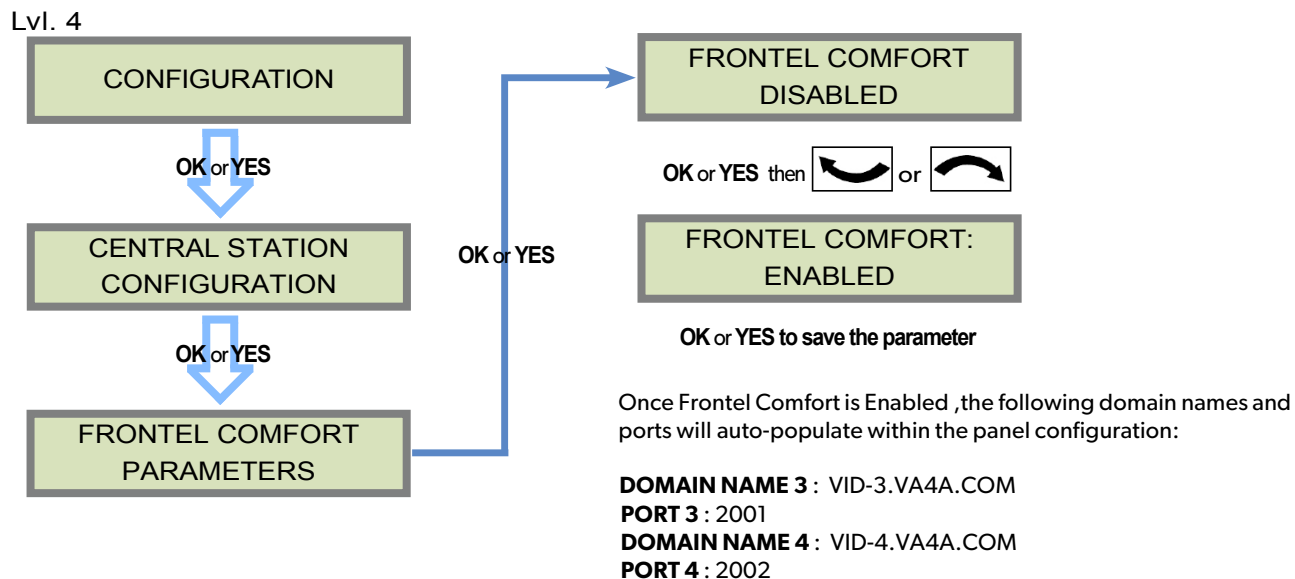
By default, the panel's Ethernet modem will be set to Disabled. To Enable or confirm setting, enter programming as follows :



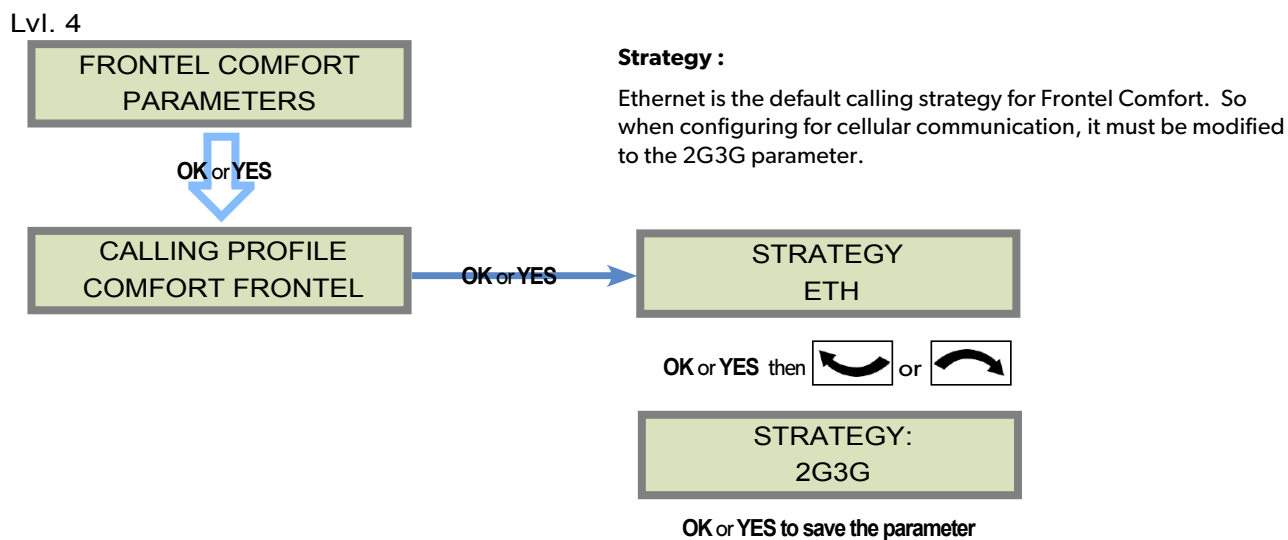
NOTE : If configuring for 2G3G communication, skip this step and follow the **optional** steps outlined throughout the remainder of the document.

Activating & Configuring Frontel Comfort

1. Frontel Comfort must be enabled Enabled (as outlined below). Once Comfort is enabled, the panel will automatically populate the necessary Comfort parameters for communication via IP/Ethernet.

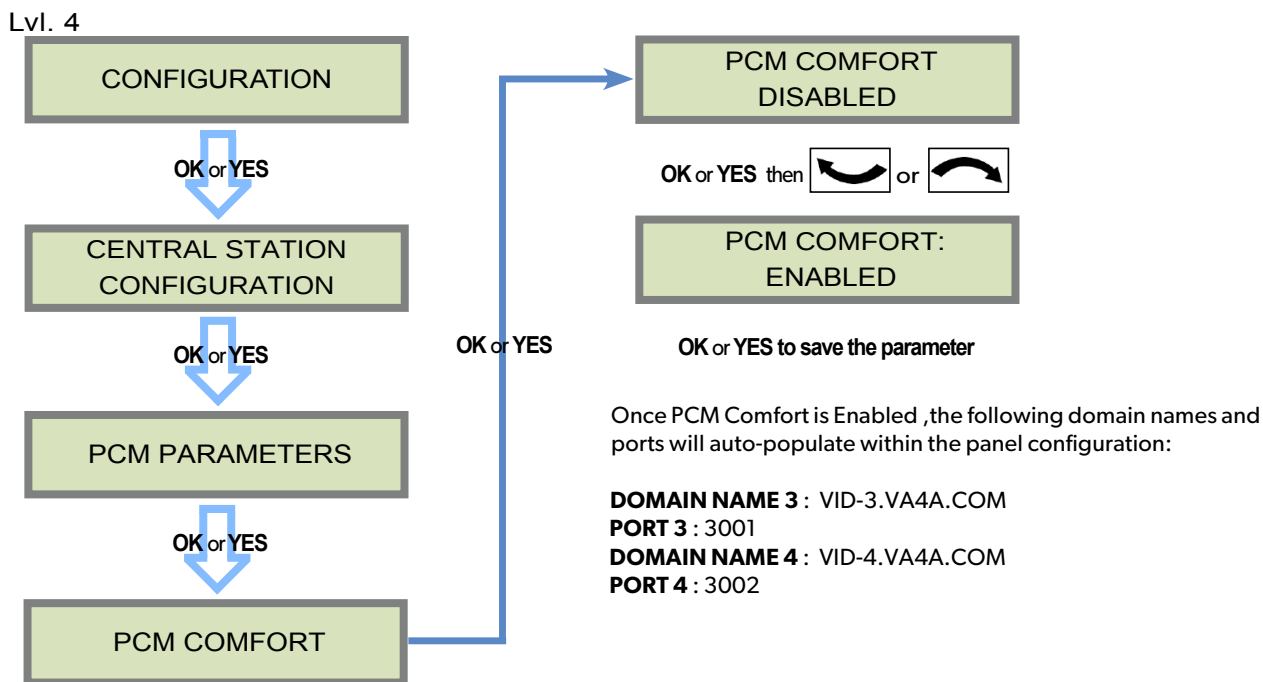


2. (OPTIONAL) To configure the primary Comfort communication path to use GSM/Cellular (2G3G), the following programming modifications will need to be made, as shown below :

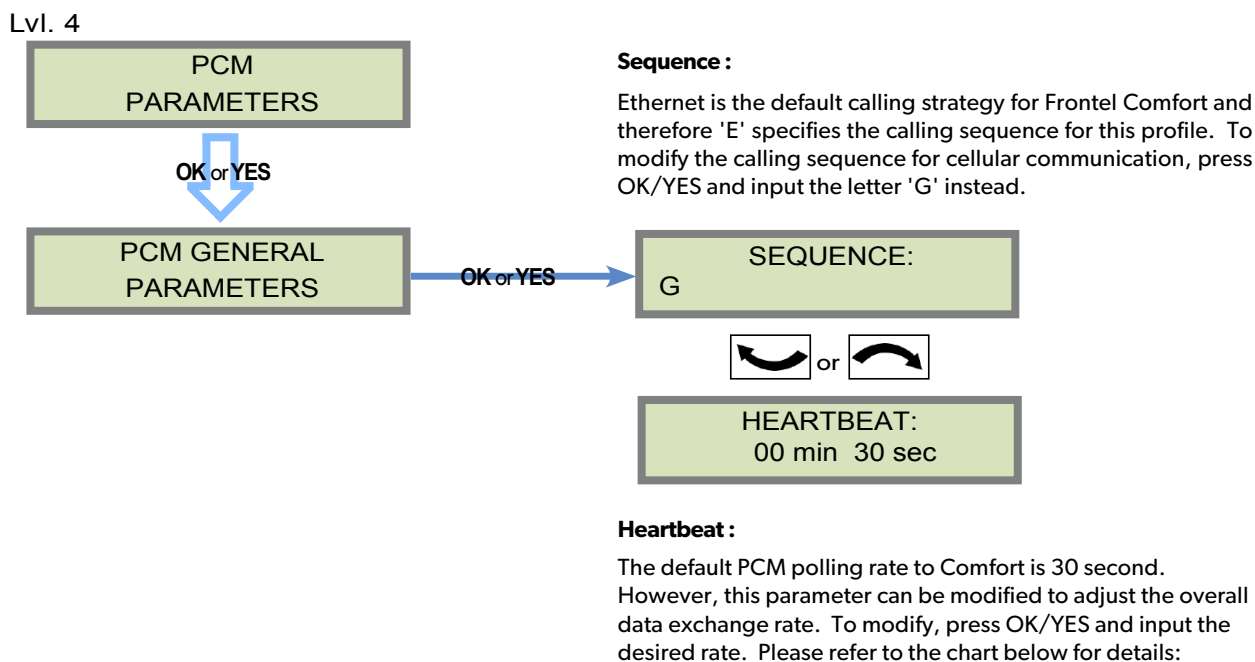


Activating & Configuring PCM Comfort

1. PCM (Panel Connection Manager) must also be enabled (as outlined below). Once PCM Comfort is enabled, the panel will automatically populate the necessary PCM parameters for communication via IP/Ethernet.



2. (OPTIONAL) To configure the system to utilize GSM/Cellular communication (once 2G/3G connectivity has been verified) for interactive services, the following programming modification will need to be made, as shown below :



Polling Rate	30 sec.	5 min.	10 min.
Approx. Monthly Data Usage	15MB	2MB	512kB

NOTE : App to panel reconnect times may vary depending upon the defined polling rate (heartbeat).

Verify PCM Connection to Comfort

- A special code in the panel allows a user to check and verify whether or not the panel is connecting with the Comfort server via PCM.
- From the Disarmed screen, press **999986 + OK/YES** on the keypad to confirm Comfort status, and refer to following examples:

Successful Connection :

Ex. A

SECURITY:
COMFORT: PCM3 E

OR

SECURITY:
COMFORT: PCM4 E

Indicates successful Ethernet/IP communication with
Comfort server

Ex. B

SECURITY:
COMFORT: PCM3 G

OR

SECURITY:
COMFORT: PCM4 G

Indicates successful cellular (2G3G) communication
with Comfort server

Unsuccessful Connection :

Ex. C

SECURITY:
COMFORT:

Indicates connection with the Comfort server is
NOT currently established

NOTE : If the connection is unsuccessful, confirm all parameters outlined in this document are accurate. Please also refer to the 'Important Reminders' outlined below.

Important Reminders!!

- The panel must be powered with a 12v 1amp DC power supply and 4 DCell Alkaline 1.5v Batteries for backup.

2G3G Configuration :

- The default Comfort configuration outlined in this document will result in an approx. 15Mbs of data usage per month (!) as the panel maintains a persistent connection to the Comfort server at all times. Therefore, please refer to the Polling Rate/Data Usage chart on the previous page, as data usage will vary based upon the specified polling rate.
 - (NOTE: This approximation of data usage does NOT include additional data exchange such as **security alarm events** or **photo requests** made by the user via the app!
- '2G3G Level' result must be a minimum 3/5 or greater.

Ethernet Configuration :

- Ethernet must be configured for 'AUTO 30 min.' or 'ON'.
- TCP/IP ports: 2001, 2002, 3001, 3002 must allow for outbound communication within the local network's firewall settings.
- This communication method is recommended by RSI Video Technologies for best results.

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