As part of an industry wide adoption of Secure Hash Algorithm 2 (SHA-2) as a stronger, more secure way to exchange sensitive data, all merchants using an IP connection must ensure their internet protocol supports the SHA-2 certificate prior to December 31, 2016. This mandate is required for all internet activity and is not limited to just credit card processing. Please see the following for your processing option and solution if you are currently affected:

IP terminal merchants:

How to change Comm Settings (VX520/Vx510/Vx570)

Change Comm Settings to Dial (for using a phone line instead of an internet connection)

Before starting be sure the terminal is plugged in and be sure there is a phone line plugged in to the terminal's port labeled with a phone symbol.

From main screen:

1) Press number 6
2) Enter Password: 998877 or 1 alpha alpha 66831 (if the first password is not accepted)
3) Press F4 for Communications
4) Press F2 for View
5) Press F3 to Edit "Auth Comm"
6) Press F3 to select Dial
7) Press F2 three times to get to "Settle Comm"
8) Press F3 to Edit "Settle Comm"
9) Press F3 to select Dial
10) Press F4 to Exit.
11) Press F3 to Print Comm Settings. (verify the settings below)
    a. Auth Comm: Dial
    b. Settle Comm: Dial
12) Press Red X key two times to return to main screen

PPS SC220/SC250, Ingenico iCT 220/250

Change Comm Params to Dial (for using a phone line instead of an internet connection)

Before starting be sure the terminal is plugged in and be sure there is a phone line plugged in to the terminal's In port labeled with a phone symbol.
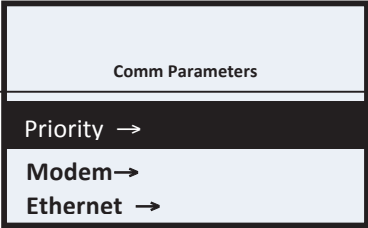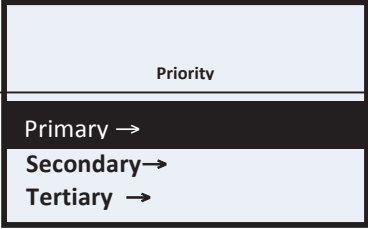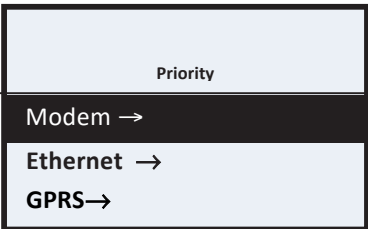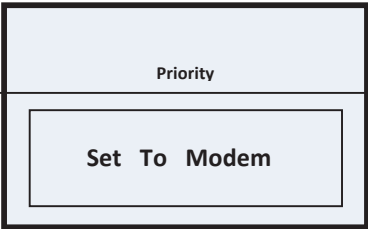
1) Press # Key
2) Select "Setup Menu" and press Green Enter key
3) Select "Communications" and press Green Enter key
4) Select "ComsPriority" and press Green Enter Key
5) Press Yellow Key to clear value and enter 100.
6) Press Red X Key three or four times to return to the main screen

Follow the steps below to designate the terminals method of communication. Before starting be sure the terminal is plugged in and be sure there is phone line plugged in to the terminal's Line port.

Step	Action	Display
1.	From the idle prompt press the OK Key to access the Core Menu.	02/01/08 2:03 **Swipe or Enter Card#** **Favorites**
2.	From the Core Main Menu use the ▼ down arrow to highlight UTILITY Press the Green OK key to select. If prompted for a password, key in **1234** then press Green OK key	**Core Menu** **Reports →** **Favorites →** Utility →
3.	Press the ▼ down arrow to highlight COMMUNICATIONS. Press the Green OK key to select.	**Utility** **Settings →** **Software Download →** Communications →
4.	Press the ▼ down arrow to highlight REMOTE PARAMS Press the Green OK key to select.	**Communications** **Print Details →** **Local Params →** Remote Params →
5.	Use the arrow keys to highlight CREDIT/DEBIT application. Press the Green OK key to select.	**Applications** Credit / Debit →

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Step	Action	Display
6.	Press the ▼ down arrow to highlight the Credit/Debit HOST name. Press the Green OK key to select.	**Comm Services** → FBO (OR) Global
7.	Highlight the option for PRIORITY . Press the Green OK key to select.	**Comm Parameters** Priority → **Modem→** **Ethernet →**
8.	Highlight the option for PRIMARY . Press the Green OK key to select.	**Priority** Primary → **Secondary→** **Tertiary →**
9.	Press the ▼ down arrow to highlight desired connection type (MODEM) Press the Green OK key to select.	**Priority** Modem → **Ethernet →** **GPRS→**
10.	The terminal will be set to phone line communication for the primary priority	**Priority** **Set To Modem**
11.	**If desired, repeat steps 8, 9 and 10 for SECONDARY, and TERTIARY connection priorities**
12.	Press the red X key 5 times to return to the idle prompt.
13.	It is now recommended that you run a test transaction. 🛑

Customer Support: (888) 690-7555 M-F 6:30am to 5:00pm (PT)
After Hours Support: (877) 358-6797

Gateway or POS system:

If you are currently processing with a Gateway or POS system and having difficulties, please contact your Gateway provider directly, to verify they are supporting the new SHA 2 certificate. If they are not able to correct your processing in a timely fashion or they are not supporting the new SHA 2 certificate, please include the following information in an email to techsupport@paceps.com

Merchant ID number

Business Name

Current Gateway or POS provider

Description of the processing error